



COMPANY PROFILE:

E. W. Moon, Inc., is a California corporation, established in 1985. E.W. Moon, Inc., a certified Minority-Owned, Disadvantaged Business Enterprise (M/DBE) and a Small Business Enterprise (SBE) has its corporate office located at:

3619 Motor Avenue, Suite 300
Los Angeles, California 90034
Phone: (310) 815-9901
Fax: (310) 815-9907
Attn: Norman E. Ross, Jr.,
Title: Senior Vice President and Chief Operating Officer
Email: nross@ewmooninc.net
Federal ID Number: 95-3982280

E.W. Moon, Inc. specializes in providing civil engineering, utility engineering, and construction management services. Some of our specialties include:

- ✓ General Civil and Utility Engineering
- ✓ Constructability Review
- ✓ Construction Inspection
- ✓ Scheduling, Cost Control, and Progress Monitoring
- ✓ Contract Administration
- ✓ Project Administration and Document Control

E. W. Moon, Inc. has a professional staff of 10 full-time employees, including four (4) Professional Registered Civil Engineers and support staff of designers and Auto Cad operators. The staff has extensive experience in preparing plans, specifications, reports and estimates as well processing plans through regulatory agencies for permits. The majority of its experience is in land development and infrastructure design. Grading, drainage and paving plans include public, educational, commercial, transportation and residential facilities. Infrastructure includes design for new services or realignment of sanitary sewer, fire lines, domestic water lines, and storm drain lines both within private property and within public right of way. Roadway design includes numerous "B" permit plans for street improvements of new streets or street widening in accordance with the City requirements.

The following are our technical capabilities

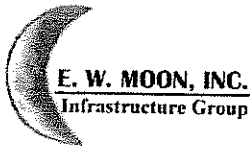
Seven Design Stations:

- ✓ Pentium 4 and higher PC computers with Windows XP operating system.
- ✓ Five licenses of AutoCAD 2006 and 2007 and one license of Land Development Desktop 2006 with Civil Design Series.
- ✓ Two licenses of Bentley SewerGEMS
- ✓ Two licenses of Bentley WaterGEMS
- ✓ Two licenses of MicroStation Version J.

Plotter:

- ✓ One full size plotter Océ TDS300

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CONSTRUCTION MANAGEMENT EXPERIENCE

Project: San Fernando Valley East-West Transit Corridor Bus Rapid Transit

Scope: E.W. Moon, Inc. was part of the Carter Burgess team awarded a four year contract with the MTA to provide construction management services for the San Fernando Valley East-West Transit Corridor Bus Rapid Transit Project and the Eastside Light Rail Transit Project. E.W. Moon, Inc. provided construction inspection services.

Owner: MTA- Metropolitan Transportation Authority

Client: Carter Burgess

Contact: Mr. Art Hadnett, Project Manager

Phone: (818) 784-7585

Date: 2003 - 2009

Project: Arrowhead Tunnel Inspections

Scope: E.W. Moon, Inc. is subcontracting to Hatch Mott MacDonald to provide tunnel inspections on Metropolitan Water District facilities in the Inland Empire. Duties include, but not limited to hi pressure grouting up to 850 psi, along with contact and annular grouting, mining activities, segment and joint repair, man power and equipment, activities and hours. Recording / measuring water inflows and materials used.

Client: Hatch Mott MacDonald

Contact: Mr. John Townsend, Principal

Phone: (925) 469-8022

Date: 1999 - 2008

Project: Professional & Technical Construction Service, San Bernardino

Scope: E. W. Moon, Inc. was part of the Caltrans Corporation team awarded a two year contract with the State of California Department of Transportation, Caltrans to provide "On-Call" Construction Inspection Services in the County of San Bernardino, District 8 Various Projects. E. W. Moon, Inc. provided construction inspection services.

Owner: Caltrans

Client: Caltrans Corporation

Contact: Mr. Ivan Benavidez, Project Manager

Phone: (909) 931-9331

Date: 2005 - 2007

Project: Professional & Technical Construction Engineering Services, District 8

Scope: E. W. Moon, Inc. was part of the Caltrans Corporation team awarded a three year contract with the State of California Department of Transportation, Caltrans to provide "On-Call" Construction Inspection Services in Riverside and San Bernardino Counties Projects. E. W. Moon, Inc. provided construction inspection services for freeway improvement project along Freeways 91, 60 and 215.

Owner: Caltrans

Client: Caltrans Corporation

Contact: Mr. Ivan Benavidez, Project Manager

Phone: (909) 931-9331

Date: 2004 - 2007

Project: City of Los Angeles Wastewater Treatment Plants

Scope: E.W. Moon, Inc. provided construction management support services for five years as a sub-consultant to Montgomery Watson. Services include Mechanical, Electrical



Engineering and Project Controls for the following Treatment Facilities: Blower Facility, Tirma Treatment Plant, Class A Biology Conservation Hyperion Plant, Liquid Storage for Hyperion, Emergency Generator for Terminal Island Plant.

Owner: City of Los Angeles, Department of Public Works, Bureau of Engineering
Client: MWH Global, Inc.
Contact: Mr. Joseph Wojslaw, PE, Project Manager
Phone: (626) 796-9141
Date: 2000 - 2005

Project: **LAUSD Hoover Street Elementary School**
Scope: **E.W. Moon, Inc.** provided construction administration services for the 0.5 acre school expansion with restroom upgrade.
Client: Los Angeles Unified School District
Contact: Mr. Manuel R. Elijah - Project Manager
Phone: (213) 633-8834
Date: 2003 - 2006

Project: **LAUSD Garvanza Elementary School**
Scope: **E.W. Moon, Inc.** provided construction administration services for the 0.5 acre playground expansion.
Client: Los Angeles Unified School District
Contact: Mr. Manuel R. Elijah - Project Manager
Phone: (213) 633-8834
Date: 2003 - 2006

Project: **State Street Elementary School**
Scope: **E.W. Moon, Inc.** provided construction administration services for the 0.5 acre playground expansion.
Client: Los Angeles Unified School District
Contact: Mr. Nick Pazevic - OAR
Phone: (213) 633-8239
Date: 2003 - 2005
Fee: \$20,000

Project: **Ontario Airport Extension Project**
Scope: **E.W. Moon, Inc.** performed construction over site management functions at the Ontario Airport. Responsibilities include evaluating, and recommending changes to contractors Primavera cost/schedule submittals. Certifying contractors Project Primavera cost/schedule resource loaded baseline database and producing formal acceptance reports and submittals to the Los Angeles World Airport Management.

E.W. Moon, Inc. is also responsible for reviewing and analyzing effects of change notices to baseline cost/schedule database, incorporating approved changes to Primavera baseline and providing inputs and attending weekly progress status meetings.

Client: Paragon Project Resources
Contact: Mr. Tony Macias
Phone: (909) 974-1108
Date: 2002 - 2003

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Project: Caltrans District 7/On Call Bridge Design Check

Scope: E.W. Moon, Inc. completed an on call bridge design check for a Caltrans project in District 7. The firm is well versed in Caltrans standards, specifications and in obtaining encroachment permits. E. W. Moon, Inc. was contracted by CH2M Hill to perform checks on the following bridges.

- Greenleaf Street On-Ramp Undercrossing
- Ventura Boulevard Bridge and Retaining Walls
- Lanark Street Crossing

Client: CH2M Hill

Contact: Mr. David Delano - Contract Administration

Phone: (714) 429- 2020

Date: 2001-2003

Project: Caltrans District 8/ I-15 Barstow, California

Scope: E.W. Moon, Inc. was contracted by Caltrop, the subcontractor responsible for the construction management and administrative work to perform construction inspection services, representing Caltrans on the job site. The I-15 is the major two-lane highway that connects Los Angeles to Las Vegas. The I-15 between Victorville and Barstow has become increasingly congested and required expansion. Caltrans Contracted with E.L. Yeager to expand both the north and southbound lanes to four lanes in each direction for the thirty-mile distance.

E.W. Moon, Inc. is responsible for inspecting and ensuring all work is performed in conformance with Caltrans specifications, according to schedule, and for reporting to Caltrans on project status updates. The scope of work for the road expansion includes: removal of the existing asphalt, extending drainage facilities, replacing asphalt, replacing road signs and installing medians.

Client: Caltrop Corporation

Contact: Mr. Mike Tahan, Principal

Phone: (909) 931-9331

Date: 2001-2003

Project: Eastside Reservoir (Domenigoni)

Scope: When completed in 1999, this 4.5-mile reservoir was the largest water storage reservoir in Southern California and is serving as a critical component of the area's extensive MWD's water supply, storage and distribution system. As part of the design and construction team, E.W. Moon, Inc. provided project support services, including schedule and cost control, for the design phase of this project.

Utilizing Primavera (P3) software, E.W. Moon, Inc. staff involved in all schedule control activities including the preparation of resource-loaded and cost-loaded schedules, monitoring and coordinating activities, identifying corrective actions for slippages in work progress and/or discrepancies in expenditure rates.

Client: Ebasco/Raytheon and Ralph M. Parsons

Owner: Metropolitan Water District of Southern California

Contact: Mr. Dennis Majors

Phone: (213) 217-6000



E. W. MOON, INC.
Infrastructure Group

Project: City of Los Angeles Hyperion Treatment Plant Full Secondary Program

Scope: E.W. Moon, Inc. provided construction management support services to for the renovation and expansion of the Hyperion Treatment Plant to provide full secondary treatment in compliance with EPA guidelines. Responsibilities included reviewing, evaluating and documenting contractor's activities, preparing construction management reports and specifications, monitoring contract costs, analyzing cost, schedule and claims impacts, managing drafting submittal and distribution process, coordinating with the City of Los Angeles, consultants, contractors and other agencies involved or impacted by the construction.

Client: City of Los Angeles, Department of Public Works, Bureau of Engineering

Contact: Ms. Percy Duran

Phone: (213) 485-3375

Project: Metro Rail Red Line (MOS-1) Los Angeles, CA

Scope: E.W. Moon, Inc. provided design and construction administration services for the first segment of the 22-mile Metro Red Line heavy rail subway, called MOS-1. This 4.4 mile line from Union Station in Downtown Los Angeles out west to Wilshire / Alvarado has four stations located at Union Station, Civic Center, 7th and Flower and Wilshire / Alvarado. This MOS-1 segment was completed in 1991. E.W. Moon, Inc. staff worked on almost every facet of this initial Red Line Project including planning, engineering design and construction. Specific tasks included: Cost engineering and scheduling services, progress reporting services, construction supervision support, construction claims resolution, analysis for preparation of environmental documents, and design support for stations and Line segments.

Client: Los Angeles County Metropolitan Transportation Authority

Contact: Mr. John Adams / Mr. Edward McSpedon

Phone: (213) 623 1194

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FIRE STATION AND POLICE FACILITIES EXPERIENCE

Project: City of Los Angeles Fire Station # 67 in Playa Vista (Playa del Rey, CA)
Scope: E.W. Moon, Inc. is providing Civil Engineering design services for the 14,000 square feet development of a two-story building Fire Station No. 67 in the City of Los Angeles. Services includes design of site demolition, grading, paving, fuel tank, drainage and utilities (sewer, water, fire and storm drain plan including clarifier & BM P), permit processing for the on site development of the new facility, specification, and construction administration.

Client: R.L. Binder Architects
Contact: Mr. Timothy Young
Phone: (310) 301-0260
Address: 7726 81st Street, Playa del Rey, CA 90293
Date: 2004-2007

Project: City of Los Angeles Proposition Q, Valley Bureau Headquarters & Traffic Division
Scope: E.W. Moon, Inc. is providing Civil Engineering design services for the new Valley Bureau Headquarters and Traffic Division project under Proposition Q for the City of Los Angeles Police Department. Services include design for grading paving and drainage incorporating SUSMP, LEED and SWPPP requirements for the new Administration Building and Parking Structure. Services also include utility connections for Fire, water, sanitary sewer and storm drain connections.

Client: RNL Design
Contact: Ms. Kate Diamond, AIA, Project Manager
Phone: (213) 955-9775
Address: 800 Wilshire Blvd., Suite 400, Los Angeles, CA 90017
Date: 2003-2006

Project: Rampart Police Station, Los Angeles, CA
Scope: E.W. Moon, Inc. provided Constructability Review for the development of a 3 acres site which includes a new police building, maintenance facility and a parking structure.

Client: Jubany Architects
Contact: Helena L. Jubany, Principal
Phone: (213) 625-7909
Address: 3951 Medford Street, Los Angeles, CA 90063
Date: 2005

School: Los Angeles Valley College, North Hollywood, CA
Scope: E.W. Moon, Inc. is providing Civil Engineering design for the new Sheriff's Station and New Plant Facility. The new Building Addition for this college includes design of the infrastructure (Sanitary sewer, water, fire and storm drain). And design for grading paving and drainage.

Client: La Cañada Design Group
Contact: Mr. Lance Bird, Principal
Phone: (626) 351-4301
Address: 630 N. Rosemead Boulevard, #400, Pasadena, CA 91107
Date: 2003-2006



PARKS AND RECREATIONAL FACILITIES EXPERIENCE

Project: Ross Snyder Recreation Center and Parking Lot

Scope: E.W. Moon, Inc. is providing civil engineering design services for the construction of the new Ross Snyder Recreation Center located at 1501 East 41st Street in the City of Los Angeles. This 10,000 square foot site will include a new environmentally sensitive parking lot and basketball court. Services include design for utilities, grading, drainage, paving, hydrology and civil specifications.

Client: Kanner Architects

Contact: Mr. Mark Lehmann, Project Manager (310) 451-5400

Address: 1558 10th Street, Santa Monica, CA 90401

Date: 2005-2006

Project: Lafayette Park Recreation Center and Gymnasium Building

Scope: E.W. Moon, Inc. is providing Civil Engineering design for the for a new 11,000 square feet multi-story gymnasium and recreation center located at 625 South Lafayette Park Place, Los Angeles, CA 90007. The new recreation center will contain a gymnasium with an indoor basketball court, an entrance lobby, an office, a storage room for sporting equipment, an electrical room, a janitorial room, ADA compliant men and women multi-accommodation restrooms, a kitchen, two classrooms and a dance room. Services includes design of grading, paving, drainage and utilities (sewer, water, and storm drain) for the on site development of the new facility. The design also includes the surface parking on part of the site.

Client: Kanner Architects

Contact: Ms. Yukiko Takahashi, Project Manager (310) 451-5400

Address: 1558 10th Street, Santa Monica, CA 90401

Date: 2005-On-going

Project: City of Los Angeles Exposition Park Regional Branch Library

Scope: E.W. Moon, Inc. is provided Civil Engineering design services as a sub-consultant to Tetra Design for the new 14,500 square feet one story Exposition Park Regional Branch Library located at Southeast corner of Western Avenue and 39th Street. Services includes design of grading, paving, drainage and utilities (sewer, water, and storm drain) for the on site development of the new facility. The design also includes the surface parking on part of the site.

Client: Tetra Design, Inc.

Contact: Mr. Bob Uyeda, Principal (213) 250-7440

Address: 1055 Wilshire Blvd. Suite 1885, Los Angeles, CA 90017

Date: 2005-2009

Project: Union Pacific Park, Los Angeles County DPW and Shane's Inspiration

Scope: E.W. Moon, Inc. provided Civil Engineering services for the development of a 3- acres Park and Recreation Facility in the County of Los Angeles. Services include design for grading paving and drainage incorporating SUSMP and BMP,s. The park includes accessible playgrounds and play equipment, basketball courts and a restroom facility.

Client: Melendrez

Contact: Mr. Tony Chacon (213) 673-4400

Address: James Oviatt Building, 11th Flr, 617 South Olive Street, # 1110, Los Angeles, CA 90014

Date: 2003-2004



PUBLIC WORKS EXPERIENCE

City of Los Angeles Department of Public Works:

Project: Valley Bureau Headquarters and Traffic Division

Scope: E.W. Moon, Inc. provided Civil Engineering design services for the new Valley Bureau Headquarters and Traffic Division project under Proposition Q for the City of Los Angeles Police Department. Services include design for grading paving and drainage incorporating SUSMP, LEED and SWPPP requirements for the new Administration Building and Parking Structure. Services also include utility connections for Fire, water, sanitary sewer and storm drains.

Owner: City of Los Angeles, Department of Public Works (Proposition Q)

Client: RNL Design

Contact: Ms. Kate Diamond, AIA, Project Manager

Phone: (213) 955-9775

Address: 800 Wilshire Boulevard, Suite 400, Los Angeles, CA 90017

Date: 2003-2006

Project: City of Los Angeles Wastewater Program's Capital Improvement Projects

Scope: E.W. Moon, Inc. provided professional support services for Environmental Engineering Division (EED) of the City of Los Angeles. EED is responsible for the design of up to \$70 million annually of waste water treatment projects at the four (4) waste water treatment plants owned and operated by the City of Los Angeles. (Hyperion Treatment Plant, Terminal Island Wastewater Treatment Plant, Los Angeles Glendale Water Reclamation Plant and Donald C Tillman Water Reclamation Plant)

Owner: City of Los Angeles, Department of Public Works, Bureau of Engineering

Client: MWH Global, Inc.

Contact: Mr. Joseph Wojslaw, P.E., Project Manager

Phone: (626) 796-9141

Address: 300 North Lake Avenue, Suite 1200, Pasadena, CA 91101

Date: 2000-2005

Project: South Los Angeles Animal Services Center

Scope: E.W. Moon, Inc. provided Civil Engineering services for the development of a 2.8 acres site in the northwest corner of Western Avenue and 60th Street for Animal Shelter. Services include design of grading, paving and drainage for the new facility, and a surface parking lot and design and coordination for sanitary sewer, water, fire and storm drain connections. Plans also include "B" permit plans for the off-site street improvements and process through the City various departments for approvals.

Owner: City of Los Angeles, Department of Public Works

Client: Rossetti Architects

Contact: Mr. Carl Meyer, FAIA

Phone: (310) 416-9660

Address: 999 N. Sepulveda Boulevard, Suite 100, El Segundo, CA 90245

Date: 2002-2003

Project: City of Los Angeles Hyperion Treatment Plant Full Secondary Program

Scope: E.W. Moon, Inc. provided construction management support services to for the renovation and expansion of the Hyperion Treatment Plant to provide full secondary



E. W. MOON, INC.
Infrastructure Group

treatment in compliance with EPA guidelines. Responsibilities included reviewing, evaluating and documenting contractor's activities, preparing construction management reports and specifications, monitoring contract costs, analyzing cost, schedule and claims impacts, managing drafting submittal and distribution process, coordinating with the City of Los Angeles, consultants, contractors and other agencies involved or impacted by the construction.

Client: City of Los Angeles, Department of Public Works, Bureau of Engineering
Contact: Ms. Percy Duran
Phone: (213) 485-3375
Address: 200 N. Spring Street, Los Angeles, CA 90012
Date: 1996

Los Angeles County Department of Public Works:

Project: **Angeles Forest Highway Mount Baldy Road Improvement, Los Angeles, CA**
Scope: **E.W. Moon, Inc.** as prime consultant provided civil design for Road Improvement Projects, which include AC resurfacing, streets widening, and guardrail replacement. Provided civil design, cost estimate and specifications.

Client: Los Angeles County Department of Public Works
Contact: Mr. Rassoul Ghavimi, P.E., Senior Engineer
Phone: (626) 458-7840
Address: 900 S. Fremont Avenue, 6th Floor, Alhambra, CA 91803
Date: 2002-2003

Project: **Avenue H Road Improvement, Los Angeles, CA**
Scope: **E.W. Moon, Inc.** as prime consultant provided civil design for Road Improvement Projects, which include AC resurfacing, streets widening, and drainage system improvements. Provided civil design, cost estimate and specifications.

Client: Los Angeles County Department of Public Works
Contact: Mr. Farhad Agahi, P.E.
Phone: (626) 458-7871
Address: 900 S. Fremont Avenue, 6th Floor, Alhambra, CA 91803
Date: 1999-2000

Project: **Pennsylvania Avenue Road Improvement, Los Angeles, CA**
Scope: **E.W. Moon, Inc.** as prime consultant provided civil design for Road Improvement Projects, which include AC resurfacing, streets widening, and drainage system improvements. Provided civil design, cost estimate and specifications.

Client: Los Angeles County Department of Public Works
Contact: Mr. Farhad Agahi, P.E.
Phone: (626) 458-7871
Address: 900 S. Fremont Avenue, 6th Floor, Alhambra, CA 91803
Date: 1999-2000

Project: **Union Pacific Park**
Scope: **E.W. Moon, Inc.** provided Civil Engineering services for the development of a 3- acres Park and Recreation Facility in the County of Los Angeles. Services include design for grading paving and drainage incorporating SUSMP and BMP,s. The park includes



E. W. MOON, INC.
Infrastructure Group

accessible playgrounds and play equipment, basketball courts and a restroom facility.
Owner: Los Angeles County Department of Public Works and Shane's Inspiration
Client: Melendrez Design Partners
Contact: Mr. Anthony Chacon, RLA, Senior Associate
Phone: (213) 673-4400
Address: 617 South Olive Street, # 1110, Los Angeles, CA 90014
Date: 2003-2004

Project: **Countywide Bridge Seismic Retrofit**

Scope: **E.W. Moon, Inc.** as Prime consultant, performed structural engineering tasks including seismic analysis, retrofit design, cost estimating, and construction services for the following bridges in the County of Los Angeles. Services on each project included coordination of soils engineering and presentation to Caltrans representatives:

- **Malibu Canyon Road Bridge over Malibu Creek**
- **First Street Bridge over Little Dalton Wash**
- **Badillo Bridge over Bid Dalton Wash**
- **Azusa Bridge over Big Dalton Wash**
- **Martin Luther King/UPRR Bridge** (ROW is within the city limits of Long Beach)

Owner: Los Angeles County Department of Public Works
Contact: Mr. Jerry Williams / Mr. Reza Arshadnia
Phone: (626) 458-6552 / (818) 458-4370
Address: 900 S. Fremont Avenue, 6th Floor, Alhambra, CA 91803
Date: 1996-1999

Project: **Westminster Avenue Bridge over San Gabriel River**

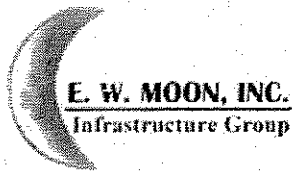
Scope: **E.W. Moon, Inc.** as a sub-consultant to Ben C. Gerwick, Inc. provided traffic engineering services for the Westminster Avenue Bridge over the San Gabriel River in the County of Los Angeles. Services included traffic maintenance, construction planning, signing and striping, roadway reconstruction, prepared plans, specifications and estimates. Services on the project included coordination with the County of Los Angeles personnel and Caltrans representatives.

Owner: Los Angeles County Department of Public Works
Client: Ben C. Germick, Inc.
Contact: Mr. James Erpenbach
Phone: (818) 458-458-7800
Address: P.O. Box 1460, Alhambra, CA 91802
Date: 1996

Project: **Willow Street Bridge over San Gabriel River**

Scope: **E.W. Moon, Inc.** as a sub-consultant to Imbsen & Associates, Inc. for the Willow Street over San Gabriel (County Bridge No. 1353) located in the City of Long Beach. E.W. Moon, Inc. provided recommendations and developed detailed bridge plans, traffic control plans, quality control plans specifications, utilities coordination, calculations and estimates for design modifications to the existing bridge for earthquake resistance upgrade.

Owner: Los Angeles County Department of Public Works
Client: Imbsen and Associates, Inc.



**CONSULTING ENGINEER'S
HOURLY RATE SCHEDULE**
Effective July 2009 – June 2010

PRINCIPAL-IN-CHARGE	\$185.40
PROJECT MANAGER.....	\$169.95
SENIOR CIVIL ENGINEER	\$159.65
SENIOR PROJECT ENGINEER.....	\$129.78
PROJECT ENGINEER.....	\$119.48
ESTIMATOR.....	\$108.15
DESIGN ENGINEER.....	\$97.85
Jr. DESIGN ENGINEER.....	\$67.98
CHIEF DRAFTER	\$105.06
DRAFTER/CAD OPERATOR.....	\$82.40
ADMINISTRATIVE/SECRETARY	\$66.95
ACCOUNTING.....	\$85.49

A. Fees for professional services by E. W. Moon, Inc., Employees - Hourly

Fees for services, including travel time, are based on the time expended on the project by professional, technical, and clerical personnel.

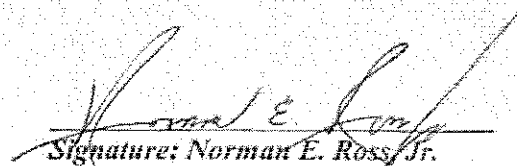
B. Services by others

When considered necessary, other technical firms or outside consultants may be used with your approval and the cost of such services, plus ten percent (10%), will be included in our invoice.

C. Reimbursable Expenses

1. Expenses other than salary costs that are directly attributable to our professional services are invoiced at our cost. These expenses include such items as Travel Expenses, Meals, Lodging, Long Distance Telephone Charges, use of personal and rental cars, Special Fees and Permits, Courier Services, premiums for additional or special insurance and waiver of subrogation where required.
2. Mileage will be billed at the IRS approved rate.

July 1, 2009 to June 30, 2010
Effective Dates of Rate


Signature: Norman E. Ross, Jr.
Senior Vice President and
Chief Operating Officer

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3333 Brea Canyon Road, Ste. 120
Diamond Bar, CA 91765
www.gkandassociates.com

June 15, 2009

Hong Wang
Senior Civil Engineer
City of Culver City
9770 Culver Blvd.
Culver City, CA 90232

Subject: Statement of Qualifications for General Civil Engineering Services

Dear Mr. Wang:

GK & Associates is pleased to submit our statement of qualifications to provide Construction Management and/or Construction Inspection services to support the City's Capital Improvement Program for the City of Culver City. We are a professional construction management firm that provides services to cities and agencies exclusively. Our talented team consists of outstanding qualification in all aspects of construction management/administration and inspection services.

Our field personnel are very experienced and are familiar with all aspects of construction, design services, contract administration, and inspection services.

We will be providing a team of Construction Management, Engineering, Inspection, and Contract Administration Specialists. Our team consists of very experienced, talented, and qualified engineering and municipality staff. We have assisted public agencies and cities with this type of activity and our team members have worked with several cities on similar projects. We are also very successful in working with contractors, which results in least amount of change orders and projects being completed in time.

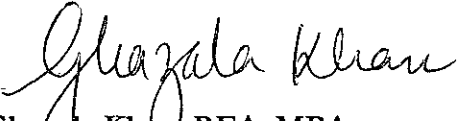
- We have assigned our most experienced staff members to serve on the Project Management team on this project who have over twenty years of managerial skills in design and construction management. They have successfully completed design and construction of many similar projects.
- Our team has over thirty years of experience in the area of Engineering Design, Project Management, Construction Management, Pavement Management, Inspection and Pavement Construction.

GK & Associates is committed to perform the services in a professional manner and provide a quality project within schedule and within budget.

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We are looking forward to assisting the City with its Capital Improvement Program projects and we believe we bring the best pool of staff combined with the best service and best value for the contract. Please do not hesitate to contact us if you have any questions or need additional information.

Sincerely,
GK & Associates


Ghazala Khan, REA, MBA
Principal

Firm Qualifications

GK & Associates

*3333 Brea Canyon Road, Suite 120
Diamond Bar, California 91765*

Tele: 909-595-1940 Fax: 909-595-1314

Email: GKhan@gkandassociates.com

GK & Associates is, construction management and infrastructure asset management firm specializing in providing services primarily to Public Work Agencies



We have provided municipal services including construction management, traffic engineering, pavement management, inspection, engineering plan checking services, GASB 34 Compliance to many public agencies in California.

Company Background

GK & Associates is an organization of highly skilled and professional staff that has the collective experience of working with municipalities for over 80 years. Our team consists of Construction Managers, Inspectors, plan Checkers, Civil Engineers, Traffic Engineers, and Infrastructure Asset Managers. We have been delivering excellent services and serving the specialized needs of our clients in a very efficient manner.

Our philosophy

With our group's diverse and specialized expertise and knowledge, we understand that there is a need to fulfill our obligations to our clients by offering the top quality service at a very reasonable price. As professional consultants we make it our job and responsibility to understand our client's specific needs and to focus on the successful delivery of the project, while keeping in mind community concerns.

Qualified Staff

Many of the senior group members at GK & Associates are very familiar with Public Works Projects. Our staff specializes in public works related Design, Civil Engineering, Traffic Engineering, Drainage Plan Checking, Project Management, Asset Management, and Construction Management services.



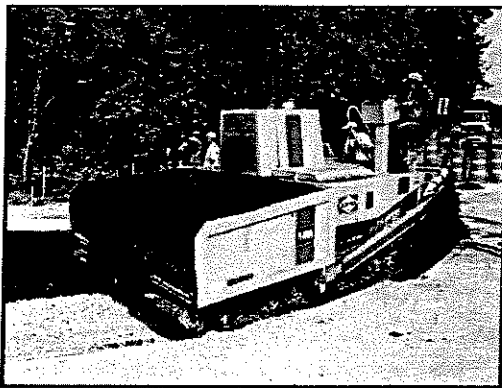
Services Provided



We have been providing and assisting Public Agencies/municipalities with Construction Management support services, Program Management support services, Staff Augmentation, Plan Check Services, and Asset Management, including GASB Statement 34 compliance services for a number of years.

Project Management

We provide excellent project management services based on our client's needs. We work with the most recognized and accepted instruments and codes, such as the Public Contract Code, the Standard Specification for Public Works Construction, "the green book", CALTRANS Standard Specifications, Uniform Building Code, American with Disabilities Act, and local standards to complete and manage all project phases from preliminary design through construction.





Construction Management Support

Our construction support services include:

Construction Inspection

On call and full time specialty construction inspection for general/civil work, mechanical equipment installations and testing, piping, HVAC, and electrical and instrumentation work.

Constructability Review

A comprehensive review of the design documents including the specifications and drawings to identify potential conflicts with regard to biddability and constructability issues.

Change Order Estimating and Negotiations

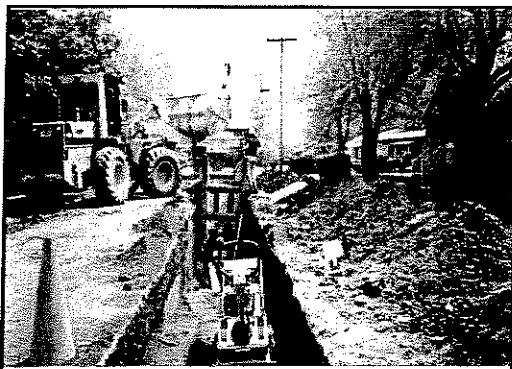
Independent change order estimating throughout the project. When changes are initiated and scope is defined, our change order estimator can provide an independent change order estimate to allow you to forecast and budget the cost of potential changes as well as provide a sound starting point for negotiations with the contractor. We can then help you in negotiating fair change order pricing.

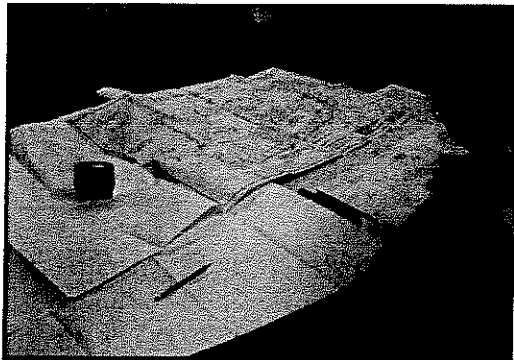
Schedule Review

Initial review and recommendation and acceptance of the Contractor's Critical Path Method Schedule (CPM). The schedule can then be used to monitor the contractor's progress and link to the construction progress payments. Our Scheduler reviews the Contractor's monthly updates and provides written review comments. Through this process, change orders with schedule impacts can be easily evaluated, reviewed and incorporated into the schedule.

Document Management

Computerized document management system for filing, storage, and retrieval of all construction





documents and correspondence, including daily construction activity reports, RFIs, change orders records, contractor submittal and shop drawing logs, meeting minutes, invoice and progress payment records, etc.

Administrative/Secretarial Support

As needed support by professional administrative staff well versed in construction related services.

Plan Check Services

GK & Associates is presently providing on-call checking services to review design of several residential, commercial and industrial projects including tract maps, grading, water, sewer, drainage, median, lighting, and traffic related improvements in conformance with City, county and Caltrans design standards.

Staff Augmentation

GK & Associates has been providing professional staffing needs on a short notice. We can provide well qualified resources to blend with your in-house staff in the following specialty areas:

- Construction Inspection and Scheduling
- Construction Management/ Construction Administration
- Administrative and Financial Management
- Plan Check Services
- C.I.P Management, Engineering Project Management
- Special Project Management

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Project Experience

GK & Associates is a small southern California firm focused exclusively on providing in-house CIP program management for public works projects. We provide CIP management, construction management, plan checking, and asset management services. This focus has allowed us to nurture a group of highly qualified CIP program managers, construction managers, construction inspectors, and plan checkers, particularly adept at managing civil works construction, including capital improvement projects, community buildings, paving, parking, roadway rehabilitations, park developments, water mains, and sewer and drainage facilities. Our growing list of clients, many of them repeat, is a testimonial to our qualifications and responsiveness.

The following projects highlight GK & Associates relevant experience. We encourage you to contact the client references for their input on the quality of our work and expertise and responsiveness of our staff.

City of Lancaster

GK & Associates provided the City of Lancaster with CIP Program management, Construction Management services, and Construction Inspection services for its Capital Improvement Program.

GK & Associates' CIP program management and construction management staff was located at the multiple project sites each day and was the primary contact with the Contractor and staff working on different projects. Quality assurance activities involved inspection of the work including A.C pavement, dry utilities, water, sewer, storm drain, curb and gutter, and sidewalks. GK & Associates provided documentation of contractor's daily activities and prepared reports and earned values estimates for monthly progress payments to the construction contractors. Because of the nature and changing intensity of the construction inspection activities, GK & Associates was able to respond on timely basis to the needs of the client without impacting construction schedule and project deliverables.

City of Santa Fe Springs

GK & Associates is assisting the City of Santa Fe Springs with construction inspection services for different public works related projects including street improvement and pipeline projects. The work included the inspection of all development related infrastructure, including water and sewer pipelines, storm drainage facilities, paving, and other infrastructure improvements.

Our construction management staff served as the primary contact with the Contractor and provided a full range of construction management services, including reviewing and monitoring daily work activities, contractor's adherence to project schedule, and responding to requests for information.

City of Whittier: Honolulu Terrace and Acacia Avenue Water Main Replacement Project

GK & Associates is contracted with Whittier Utility Authority to provide the City of Whittier with construction inspection services for these water mains replacement project. The services included complete construction management services, including pipeline inspection, office engineering, material testing, other field work and inspection and documentation of field activities

The construction management services provided by GK & Associates includes reviewing and

monitoring daily work activities in compliance with plans and specifications, assisting in the process of change orders, measuring field quantity, and coordinating compaction testing.

City of Glendale: Brand Blvd. Improvements – Phase II

GK & Associates was selected to provide construction inspection and construction management services for the City of Glendale with its capital improvement projects. The projects include storm drain replacement and street improvements projects.

GK & Associates, as the engineering consultant, handled the construction management and quality assurance services of the construction work. Quality assurance activities involved inspection of the work, verification surveying, materials testing and documenting the contractor's daily work activities.

City of Norwalk

GK & Associates was selected to provide construction inspection services on several on-going infrastructure projects including roadway projects, transit center and replacement of water and sewer pipeline projects and underground storage tank projects.

City of Carson: West Basin Metropolitan Water District Water Pipeline Projects

GK & Associates is providing the City of Carson with construction management assistance for the middle segment of 17-mile pipeline project consisting of 42-inch cement mortar lined and polyethylene wrapped steel pipe. The segment began at 168th Street and Vermont and ends of Broadway, just north of Main Street.

The services included construction inspection, contract administration field work reporting change order management and special slurry seal construction maintenance recommendations of their existing streets.

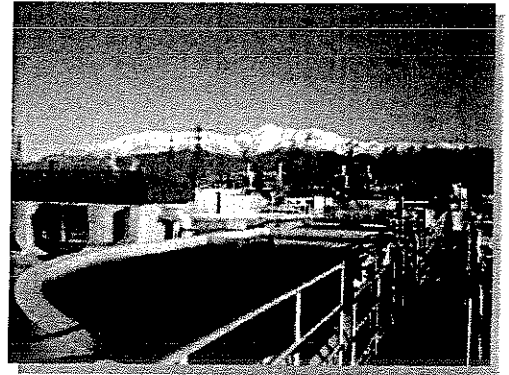
City of Whittier: Greenleaf Avenue Sewer Main Replacement Project and Milton Ave Sewer Main Replacement Project

City of Whittier Utility Authority retained GK & Associates to provide construction management services for these sewer replacement projects. The services included complete construction management services, including pipeline inspection, office engineering, material testing, other field work and inspection and documentation of field activities. Because of the thorough documentation provided by the construction inspector the construction of pipelines was completed at minimal change order costs and well within the overall project budget.

Inland Empire Utilities Agency: Construction Management and Inspection Services for RP-1 and RP-4, rehabilitation and expansion of existing Regional Plant 1 and Regional Plant 4 providing at Ontario, California

RP 1 is located in the City of Ontario near the intersection of Highway 60 and Archibald Avenue is going through several major expansions to bring the facility to a capacity of 114 million gallons per day. The facility serves the cities of Ontario, Rancho Cucamonga, Upland, Montclair, Fontana and an unincorporated area of San Bernardino County. RP I plant expansion project includes construction of a new laboratory building, an expansion of the cogeneration facilities, a standby power system, improvements to the digester heating equipment and electric power distribution system and odor control facilities at the plant head works and primary clarifiers.

RP 4 is a water reclamation plant which is designed to work in conjunction with RP-1 to provide reclaimed water to users within the service area of Regional Plants No.1 and 4. At this plant solids are removed during the treatment process which are concentrated and then directed into an aerobic digester where they become stabilized. Once stabilized, they are dewatered, and then trucked to Agency's co-composting site by a contractor. In addition, RP-4 has the option of treating the solids off-site by returning the removed solids directly back into the sewer for eventual treatment at RP-1.



References

Mr. Delfino "Chino" Consunji
City Engineer
City of Norwalk
12700 Norwalk Blvd.
Norwalk, CA 90651

Mr. Roubik Golanian, P.E.
City Engineer
City of Glendale
633 E. Broadway, Room 205
Glendale, CA 91206
(818) 548-3945

Mr. Steve A. Dassler, RCE
Assistant Public Works Director/City Engineer
City of Lancaster
44933 Fern Avenue
Lancaster, CA 93534
(661) 723-6088

Mr. Gabe DeSaddi
Manager Construction Management Services
Inland Empire Utilities Agency
6075 Kimball Avenue
Chino, CA 91708
(909) 993-1623

Mr. Tom Lopez, P.E.
Assistant Public Works Director
(562) 868-7342
Mr. Noe Negrete, P.E.
Principal Civil Engineer
City of Santa Fe Springs
11710 Telegraph Road
Santa Fe Springs, California 90670
(562) 868-0511

At GK & Associates, we understand what it takes to deliver excellent service to our clients in a timely manner. We are committing our very best resources to support the City's Capital Improvement Projects.

Fee Schedule

GK & ASSOCIATES STANDARD HOURLY RATE SCHEDULE FYE

EFFECTIVE FOR ONE YEAR FROM SIGNED CONTRACT DATE

<u>CLASSIFICATION</u>	<u>HOURLY RATES</u>	<u>CLASSIFICATION</u>	<u>HOURLY RATES</u>
Principal	\$165	Senior Building/Inspector	\$85
Project Director	\$130	Building Inspector/Checker	\$75
Project Manager	\$115	Permit Specialist	\$60
Project Engineer	\$105	Code Enforcement Officer	\$50
Construction Manager	\$95		
Designer	\$90	Survey Manager	\$95
Draftsperson (CADD)	\$80	Survey Analyst	\$80
Inspector	\$85	3-Man Survey Crew	\$200
Engineering Aide/Administration	\$55	2-Man Survey Crew	\$185
Expert Witness	\$350	1-Man Survey Crew	\$145
Financial/Engineering Analyst	\$80		
Sr. Plan Check Engineer	\$95	Traffic Engineer	\$140
Jr. Plan Checker	\$85	Associate Traffic Engineer	\$95
Building Plan Check Engineer	\$95	Geotechnical Engineer	\$140
Sr. Contract Administrator	\$85		
Administrative Assistant	\$55		
Word Processor	\$55		

Statement of Qualifications
to Provide
General Civil Engineering Services

June 15, 2009

Hong Wang, Senior Civil Engineer
City of Culver City
Engineering Division; 2nd Floor
9770 Culver Boulevard
Culver City, CA 90232

■ 5550 Topanga Canyon Blvd.
Suite 250
Woodland Hills, California
91367
TEL 818 227 2790
FAX 818 227 2797

Re: Statement of Qualifications for General Civil Engineering Services

Dear Mr. Wang and Members of the Selection Committee:

The City of Culver City is seeking consultants to provide general civil engineering on-call services that will complete projects efficiently and effectively with minimal amount of impact on City staff time. **Kimley-Horn and Associates, Inc.** is that consultant. Our experience with the City and in the greater Los Angeles area means that you can expect unmatched technical expertise, responsiveness, and valuable local knowledge. Our team can serve you better than any other for the following reasons:

Local Knowledge and Experience. Our team has partnered with City staff on many projects, including the ongoing work for the Culver City KITS project and the private development projects at Sony and Warner Studios. Through this collaboration, we have developed working relationships with your team and understand the process—your process—that will allow us to complete projects without the impediment and time constraints of a learning curve.

On-Call Consulting Experience. Kimley-Horn has served on dozens of on-call contracts across Southern California, including Agoura Hills, Burbank, Thousand Oaks, Calabasas, West Covina, City of Industry, Fontana, Pomona, Long Beach, and the County of Los Angeles, and has served as an on-call consultant to Caltrans for over a decade. We have completed projects ranging from \$1,000 ADA improvements to \$5 million water distribution systems to \$90 million freeway interchange projects. This mix of assignments has enabled us to develop effective project teams that respond in a timely manner and have track records for meeting and exceeding client expectations. Our extensive experience in planning, designing, and obtaining approvals on projects in Los Angeles County and across the country means you will receive unmatched service, responsiveness, and essential local knowledge.

Responsiveness. We know that a strong commitment to client satisfaction must be the foundation of our service to you. We strive to deliver not only technical excellence, but in a timely manner. We are very flexible and will commit to meeting your deadlines, however aggressive they may be. In addition, it is our commitment that we will be available to attend meetings on short notice. Our team is set up to accommodate this type of responsiveness.

Value Engineering and Quality. The members of our team were selected for their experience with similar projects and local knowledge. I (Brian Valentine, P.E., LEED® AP) will be the project manager responsible for day-to-day coordination with your staff, and I will provide a reliable, single point of contact for the City throughout the life of the contract. I will lead a seamlessly integrated team of engineers, planners, surveyors,



Kimley-Horn
and Associates, Inc.

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and environmental specialists and ensure effective peer review, quality control, variety of experience, and value engineering to allow our team to identify and implement the best project approaches for the City.

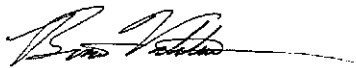
Kimley-Horn is proposing as a design and survey team only and is not proposing to offer construction management/inspection services. Our depth of experience in design and survey projects in the Los Angeles area and across California is provided under Experience and Record of Success.

This Statement of Qualifications is being submitted by Kimley-Horn in response to the City's RFQ, dated May 27, 2009. We generally accept the terms and conditions set forth in the RFQ and would, if selected, look forward to negotiating a mutually agreeable contract in the near future.

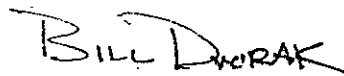
I can be contacted for questions regarding our submittal at **(818) 227-2790** or by e-mail at **Brian.Valentine@kimley-horn.com**. We hope that you find our team, our capabilities, and our willingness to continue serving the City evidenced in our submittal. Please contact us if you need any additional information. We look forward to working with you.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Brian Valentine, P.E., LEED® AP
Project Manager



Bill Dvorak, AICP
Senior Vice President/Principal-in-Charge

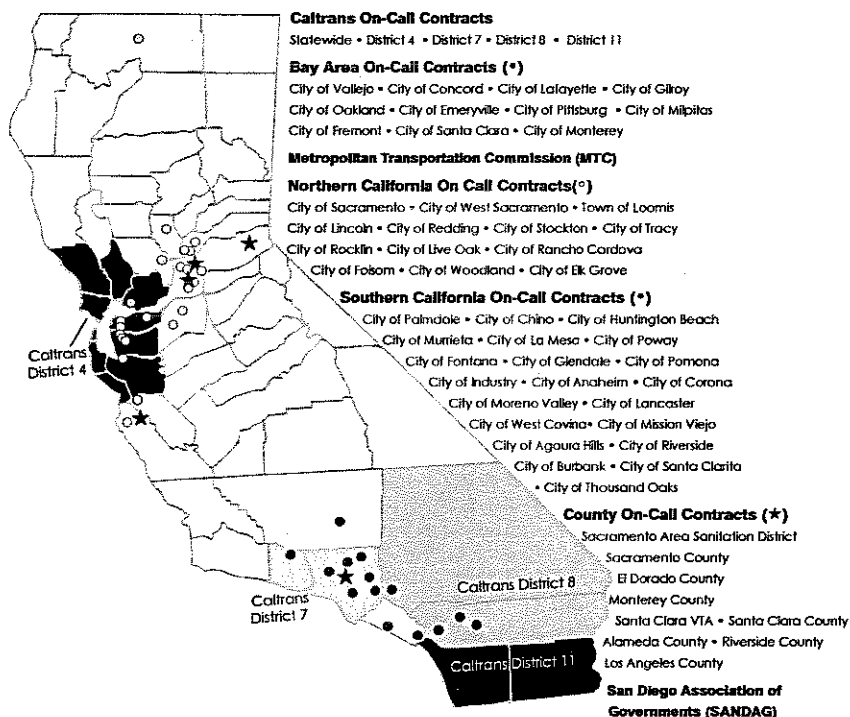
Statement of Qualifications to Provide General Civil Engineering Services

Firm Overview and Capabilities

Founded in 1967, Kimley-Horn and Associates, Inc. is a privately held corporation with a staff of over 1,700 in 63 offices nationwide, including established offices in Los Angeles, Orange County, Riverside, and San Diego. Kimley-Horn is a full-service engineering, planning, and environmental consulting firm, offering the City of Culver City a wide range of civil engineering in-house services to cover the City's needs, including:

- ✦ Street improvements and design
- ✦ Traffic signal design, timing, and review
- ✦ Street lighting design
- ✦ Building site design (including LEED®-accredited projects)
- ✦ Police and fire station improvements
- ✦ Park and park facilities design
- ✦ Retaining wall design
- ✦ Water main design and replacement
- ✦ Stormwater treatment and storm drain design and replacement
- ✦ Sewer design and replacement
- ✦ Survey services

Kimley-Horn and Associates, Inc. California On-Call Contracts



We understand what it means to be "on-call" for a local government. Our on-call clients are a top priority and our approach is to serve as an extension of City staff. Our Project Manager, **Brian Valentine, P.E., LEED® AP**, will be our team's single point of contact for the City for the entirety of our contract and will ensure responsiveness to all City requests. Brian and his staff will be available to meet at the City's convenience.

The matrix on the next page is a comprehensive look at similar projects our team has completed and the applicable services we provided on each of them. Detailed information about our qualifications by discipline area follows.



Statement of Qualifications to Provide General Civil Engineering Services

On-Call Experience

As shown below, Kimley-Horn has provided on-call engineering services to a wide range of municipalities and agencies in the Los Angeles area and across Southern California. On each contract, we work hand-in-hand with cities and agencies to provide their constituents with dependable and timely services.

We successfully complete on-call projects by committing resources as needed, taking ownership of the project, maintaining the project schedule, obtaining team consensus, developing accurate construction cost estimates, and delivering quality technical submittals.

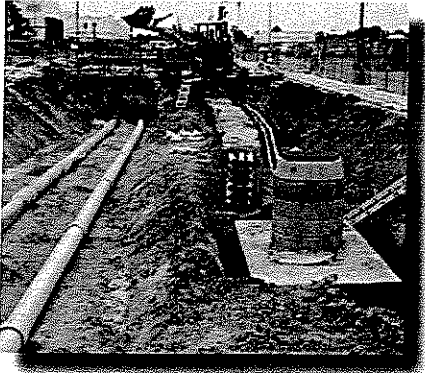
The matrix below provides a sample of our Los Angeles area and Southern California on-call contracts and the services provided similar to those anticipated for the the Culver City General Civil Engineering Services contract.

Kimley-Horn On-Call Contracts	Stormwater and Sewer Design	Civil / Street Design	Traffic Engineering	Building Site Design	Parks Facilities / Urban Landscape
On-Call Engineering Services, Agoura Hills	♦	♦		♦	
On-Call Engineering Services, West Covina		♦	♦		
On-Call Engineering Services, Pomona	♦	♦			
On-Call Engineering Services, City of Industry	♦	♦	♦		
On-Call Engineering Services, Burbank		♦	♦	♦	
On-Call Engineering Design Services, Fontana		♦			
On-Call Engineering Services, Santa Clarita		♦	♦		
On-Call Engineering Services, Moreno Valley	♦	♦	♦		♦
On-Call Engineering Services, Lancaster	♦	♦			
On-Call Engineering Services, Long Beach	♦	♦			♦
On-Call Traffic Engineering Services, Calabasas			♦		
On-Call Traffic Engineering Services, Thousand Oaks			♦		
On-Call Traffic Engineering Services, Los Angeles County			♦		
On-Call Engineering Services, Palmdale		♦		♦	
On-Call Engineering Services, Riverside		♦	♦		
On-Call Engineering Services, Huntington Beach		♦	♦		♦
On-Call Engineering Services, Chino		♦		♦	
On-Call Engineering Services, Glendale	♦	♦			♦
On-Call Engineering Services, Caltrans Districts 7 and 8					
On-Call Traffic Engineering Services, Port of Long Beach			♦		

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Stormwater Treatment and Storm Drain Design and Replacement

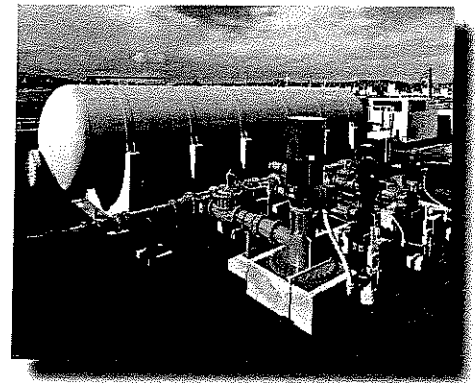


Our water resources expertise includes hydrologic and hydraulic analyses, permitting, sedimentation and scour analysis, stormwater quantity and quality issues, and the design of hydraulic structures ranging from pipes, culverts, canals, detention basins, and outlet structures to major water control and pump structures. We have designed culvert crossings, levees, small dams, outlet structures, and bridges. Representative project areas range in size from 1 to more than 130,000 acres, and our engineers have been called upon by numerous public agencies and major agricultural, industrial, and residential developers as well. As shown with projects such as the Bicknell Avenue Street Greening Project in Santa Monica, our staff has the expertise to conduct preliminary studies, prepare stormwater management plans, and coordinate

permit applications on behalf of the City.

Sewer Design and Wastewater Services

Kimley-Horn has experience in all phases of project planning, design, and construction management of sewer and wastewater projects. The Kimley-Horn team's recent wastewater experience includes designing the sewer relocation for the Costco at Lakewood Center and sewer pump station at Los Cerritos Center Expansion projects. We have a growing list of collection system condition assessment projects including flow monitoring, infiltration and inflow assessments, smoke and dye testing, hydraulic modeling, rehabilitation/replacement recommendation, capital improvement planning, master planning, rate studies, pipe lining, pipe bursting, bypass pumping, trenchless construction, lift station improvements, and odor and corrosion inspection and control.



Street Improvements and Design

Kimley-Horn engineers have developed plans and specifications for more than 4,000 miles of roadway, including interstate highways, state highways, highway interchange structures, urban arterials, and neighborhood streets. These projects—performed for state departments of transportation, cities, and counties—have included route/corridor studies, schematic design, maintenance of traffic plans, construction sequencing, and final plans, specifications, and estimates.

Our in-house staff is equipped to address all aspects of roadway design projects, including intersection geometrics, utility relocations, traffic control, signalizations, signing and marking, and erosion control. We have gained extensive experience in dealing with local regulatory and other agencies to secure the permits and approvals necessary for the building and upgrading of roadway facilities. Recent Kimley-Horn experience in

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street design includes the Sawtelle Boulevard Street Improvements Project in Los Angeles as well as the North Maclay Avenue Streetscape Project in San Fernando. Our expertise in anticipating and addressing a wide range of issues enables our engineers and planners to provide innovative solutions, successful permitting, and on-time completions.

Traffic Signal Design, Timing, and Review

Signal design and construction is one of the cornerstones of Kimley-Horn's professional practice. Our teams have developed signal systems for thousands of signalized intersections for state departments of transportation and municipalities nationwide. In addition to comprehensive master planning for traffic signalization, our engineers have designed numerous plans to standardize traffic control systems and provide comprehensive systems communications. Advanced traffic management projects include citywide signal system designs, such as the Culver City KITS project, transportation control centers, electronic toll facilities and revenue control systems, and innovative transit and public transportation systems. Each of our systems is designed not only to address current needs, but also to accommodate future growth and advances in technology.



Street Lighting Design



Kimley-Horn has lighting specialists who design and select light fixtures that are thematically and functionally appropriate for each project. Appropriate lighting—both aesthetically and functionally—can help to provide clarity of directional cues for autos, service providers, bicyclists, and pedestrians. The appropriate level of lighting in public spaces results in a fixture quantity, enhancing the overall design experience and providing user security, yet not spilling over to adjacent uses.

Building Site Design and LEED® Credentials

Kimley-Horn is known for developing innovative, sustainable approaches to “green” projects. The firm has developed and facilitated integrated design programs for LEED® (Leadership in Energy and Environmental Design). Planning and design for sustainability is fundamental to Kimley-Horn's practice. As civil engineers, Kimley-Horn is well versed in developing “green” building alternatives using the fundamentals of LEED®. As business people, our staff understands market demands. The firm's creative approach to sustainable design seeks to succeed in both. We assist clients in making informed choices that enable them to determine the appropriate balance between environmental and economic needs.

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Kimley-Horn's LEED® accredited professionals, including Brian Valentine, P.E., LEED® AP and Michael Choi, P.E., LEED® AP work with many clients whose facilities have stringent requirements -- technologically, economically, and environmentally. As a result, our staff strives to accomplish the following goals, compatible with LEED® requirements, on each of their projects:

- ✦ Innovative stormwater planning and design of Best Management Practices (BMP) for stormwater treatment and reduction in stormwater rate and quantity
- ✦ Reduction in heat-island effects by innovative design
- ✦ Water reduction through the use of rainwater harvesting and water reuse
- ✦ Alternative and low emission transportation planning and design
- ✦ Graywater and innovative wastewater design
- ✦ Reduction in the use of nonrenewable natural resources
- ✦ Incorporation of systems and materials that are easily recyclable in the future and/or have recycled content
- ✦ Facilitation of the use of recycled materials during construction and operation of the facility

Police and Fire Station Improvements

Kimley-Horn project staff have evaluated the environmental impacts associated with the construction of new police/sheriff stations and fire stations and designed paving and utility improvements for the expansion of the California Fire Rescue Training Facility, located in the McClellan Park area of Sacramento. In addition, we've prepared construction documents for Fire Station #4 in downtown Los Angeles. Our firm has also prepared plans, specifications, and estimates of probable costs for pole and signal head placement, conduits, pull boxes, controller cabinet location, signal phasing, conductor schedules, pavement markings and signing for the signal, and detector placement in the vicinity of municipal fire stations.

Parks and Park Facilities

Our firm has successfully completed numerous parks and recreation-oriented projects for federal, state, regional, and local government clients and for many private developments as well. Our recent parks experience includes the design for two comfort stations within Jesse Owens Park for the Los Angeles County Department of Public Works. Our parks team has relevant planning and engineering experience and is ideally suited to meet your needs. On recreation-related projects, we have provided complete site development engineering services, landscape architecture, surveying, and traffic engineering services.

Retaining Wall Services

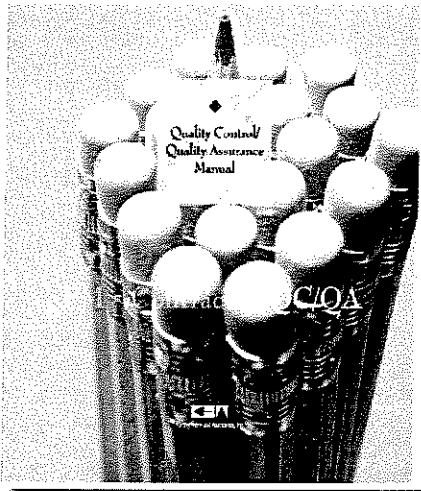
Kimley-Horn has successfully designed a wide array of retaining walls throughout Southern California. We have the expertise and knowledge to provide cost-effective design and have the ability to design CMV, concrete, and geo-grid walls. Kimley-Horn provided grading and improvement plan package for building A of the Pacific

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Corporate Center in the Sorrento Valley area of San Diego, which included a field survey, site construction drawings, site retaining wall plans, a drainage study, water quality report, and storm water pollution prevention plan. Our firm also designed site retaining walls for the 32,000 square foot Bell residence in Malibu along two adjoining oceanfront parcels.

Survey Services

The firm provides complete surveying services, including boundary, topographic, mortgage, and building tie-in surveys. We also provide high-quality aerial mapping services through reputable subconsultants. Staff expertise covers coastal, boundary, topographic, aerial, design, preparation of street maps, and construction surveys, as well as platting, construction layout, and staking services.



Quality Control

A key element of our management approach that focuses on the management and production process, which involves quality control/quality assurance (QC/QA) and Kimley-Horn's formal in-house program for total quality management: Continuous Quality Improvement (CQI). Kimley-Horn's QC/QA program is based upon assigning experienced, senior professionals who are otherwise qualified to conduct a particular project, to serve only in a quality control role. Our CQI program will include, but not be limited to, the following procedures:

- ✦ The project manager will be given the complete authority and responsibility to direct all project efforts including CQI activities.
- ✦ A "kick-off" meeting will be held with key project individuals assigned to the project to clearly define the scope of work and objectives of each study.
- ✦ All project decisions will be documented by a "paper trail." All documents will be supported by appropriate data that will clearly show the choices evaluated and the basis for our recommendations.
- ✦ All supporting calculations, text, or data used to develop a document will be signed and dated by the individual involved when the work is performed.
- ✦ All documents will be reviewed and/or checked by qualified individuals who are not directly performing the initial work activity.
- ✦ Technical reviews, progress reports, communications, problem reporting/ resolution, variance approvals, and all documentation will adhere to City procedures.

All project activities would be closely monitored through Kimley-Horn's Management Information System (MIS). Our MIS has been uniquely tailored to allow the project manager and the project team to obtain a "snapshot" of the project at any time. This ability to continuously monitor budgets, labor expenditures, expenses, project schedule, and deadlines is a critical component of our CQI program.

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Experience and Record of Success

Kimley-Horn tailors our approach to scopes of work according to the project needs and expectations of the City and other approving agencies. From the beginning, we gain a thorough understanding of the City's objectives and review available information. We also visit the project site to understand issues and constraints. This enables us to develop a detailed scope of work that serves as a "roadmap" to successful project completion. It also prevents the potential for unneeded engineering and costly change orders. In executing our scope of work, we focus on the following items:

- ✦ **Effective Communications.** Our project manager, **Brian Valentine, P.E., LEED® AP, will be your single point of contact throughout the contract** and will continually inform City staff of work status on a weekly basis through phone conversations and/or e-mail dialog. Formal project status reports will be compiled and distributed on biweekly or monthly intervals, depending on the project needs. Regularly scheduled meetings will also be held to demonstrate work progress, discuss issues, and distribute meeting minutes.
- ✦ **Internal Quality Control and Quality Assurance.** Since our founding, Kimley-Horn has aggressively pursued a commitment to quality for every task, deliverable, and service we provide. Recognizing the critical importance of careful quality control, we have developed a quality control/assurance (QC/QA) manual that every project manager is required to use—helping to ensure we provide high-quality services that satisfy the City's needs. Kimley-Horn and our employees and project teams share this commitment to providing quality, responsive service.
- ✦ **Schedule and Cost Control.** Meeting schedules and budgets is a high priority for Kimley-Horn. Critical elements in maintaining schedules and achieving work goals include a clear definition of the responsibilities of team members and ongoing communication. We are well suited to manage and administer the type of upcoming projects for the City, and are prepared to commit the necessary resources to promote success.
- ✦ **Our proven capability to meet schedules utilizes weekly milestone management.** Project managers subdivide projects into "milestones," which are clearly defined activities that will be accomplished that week to keep each project on schedule. Estimated hours to complete milestones are allocated to personnel, and short-term overload situations are addressed through the sharing of resources through the "Cast-Ahead" process previously described. This approach lets us provide our on-call clients with the specific personnel they prefer working with on short notice.

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Relevant Experience

Our project team members have the proven experience providing the high level of client service and attention to detail that has become a hallmark of Kimley-Horn. The following pages provide descriptions of completed or ongoing projects, primarily within the greater Los Angeles area, that demonstrate experience in the service areas anticipate for this contract. In addition, a project matrix is provided following the descriptions of our projects that illustrates the depth of our experience across all of the design and survey service areas anticipated for this contract.

Stormwater Treatment and Storm Drain Design

Sony Studios Project, Culver City, California — Kimley-Horn is providing civil engineering services to Sony Picture Studios for the demolition of existing buildings, roadways, entry gate and parking lots within their backlot. Services include design of new and relocation of some existing utility lines, two office buildings, parking structure, a entry road and gate, and off-site improvements including street lighting, catch-basin relocation, and driveways. The catch basin relocation involved coordination with both the City of Culver City and Los Angeles County Department of Public Works. Services include full civil engineering during the planning, design and construction stages of the project.

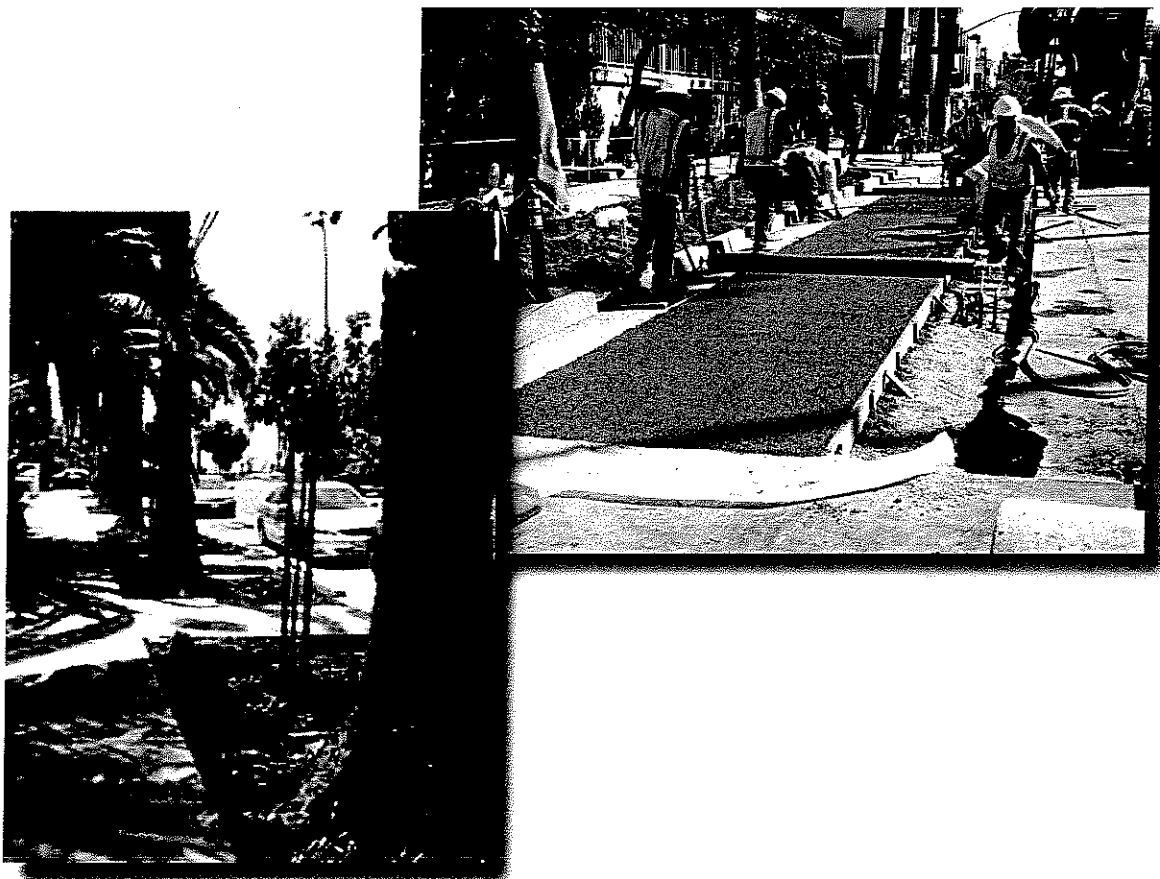
Sustainable design was a priority and the following elements are associated with the project: over 95% of construction waste is being recycled; drought tolerant and native plants will create water efficient landscaping; low-flow toilets, waterless urinals, motion detector lights and low energy bulbs will save water and electricity; a new energy efficient power plant will reduce CO2 emissions and other greenhouse gases; 100% non-toxic carpeting, paint, sealants, adhesives and wall coverings are being used; "Green Housekeeping" building maintenance standards will be followed; an on-site filtration system will clean stormwater runoff; local and regional building materials will be used, thus reducing pollution caused by transportation and supporting indigenous resources; and building occupants will have reduced exposure to pollutants and particulates through increased efficiency filtration systems. The project is designed to obtain LEED® Gold accreditation.



The project also features a complex "treatment train" of devices in order to achieve the City's high standard for stormwater quality. Where applicable, the stormwater generated from the affected portion of the site is initially treated through either an in-line CDS unit or fossil filter inserts installed within the catch basins. This initial treatment removes sediments, oils, grease, fuel, among other pollutants. Downstream of the initial treatment devices, a series of perforated underground concrete chambers were installed to infiltrate the volume of runoff generated by the 'first flush' into the appropriate soil medium. Where infiltration was not feasible, the 'first flush' is treated by a proprietary device that removes the required pollutants, as well as serves as a holding tank while this volume is being treated.

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Bicknell Avenue Street Greening Project, Santa Monica, CA — Kimley-Horn is provided an innovative design to improve storm water quality, reduce urban runoff, and improve the aesthetics of Bicknell Avenue for the City of Santa Monica. For this pilot project, a combination of permeable pavements, underground infiltration pits, fossil filter inserts, and landscaped bio-swales have been constructed within the public right-of-way. The storm water is treated through a “treatment train” of these devices. The flow developed by the ‘first flush’ is initially treated through the landscaped bio-swales, porous concrete, and fossil filter inserts. The volume generated by the ‘first flush’ is infiltrated into the surround soil through the depressed landscaped bio-swales, porous concrete, and underground infiltration chambers. Bicknell Avenue was chosen because it is a street with a wide right-of-way and travel lanes at the base of a minor watershed. As a result, curbs on either side of the street have been extended to reduce the travel lane width and allow for a depressed bio-swale/retention area. Kimley-Horn is the prime consultant for the project that includes geotechnical, landscape architect, public outreach, and survey subconsultants.



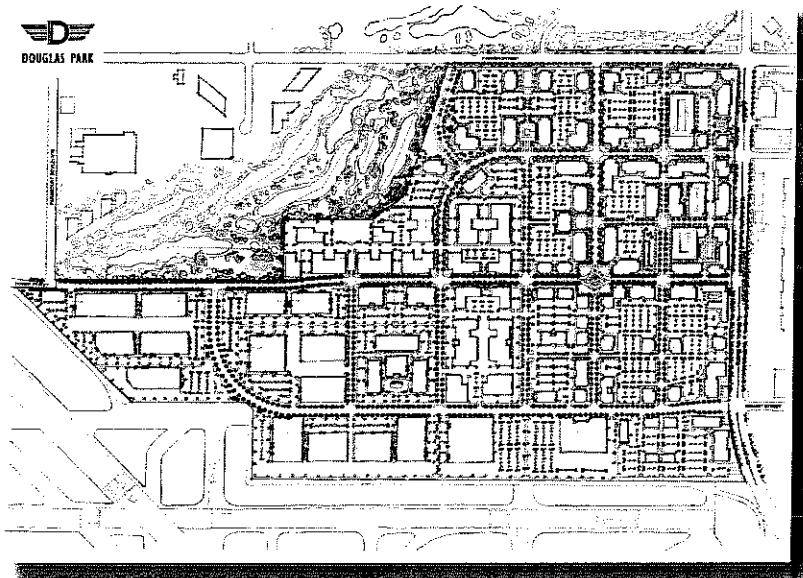
*Statement of Qualifications
to Provide
General Civil Engineering Services*

Douglas Park-PacifiCenter (Boeing), Long Beach and Lakewood, CA — Kimley-Horn is providing comprehensive civil engineering services for Boeing Realty Corporation at a 260-acre mixed-use project on the former McDonnell-Douglas site in the cities of Long Beach and Lakewood. PacifiCenter at Long Beach will transform unused Boeing aircraft manufacturing buildings into a dynamic mixed-use community of offices, commercial development, neighborhood retail, a hotel and residential neighborhoods. Applicable projects at this site include:

- ✦ Water, Reclaimed Water, Sewer, and Storm Drain Infrastructure Master Plans
- ✦ Phase I Backbone Storm Drain Plans, Specifications, and Engineering
- ✦ Gas Line Relocation Plans, Specifications, and Engineering
- ✦ Off-Site Sewer Capacity Study
- ✦ Street Lighting Design
- ✦ Environmental Piping Plans, Specifications and Engineering
- ✦ LEED® Certification Assistance

The project's scope also includes developing plans for new infrastructure that tie into aging facilities, including sewer, water, reclaimed water, and storm drain facilities. Coordinating and obtaining multiple permits with the City of Long Beach, City of Lakewood, Los Angeles County Flood Control District and Los Angeles County Sanitation District.

Since 2000, Kimley-Horn has delivered and produced work under the extreme schedule to meet future tenant requirements and to ensure that entitlements are secured from the current City Council, and we continue to support ongoing development of the site.



Statement of Qualifications
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Warner Studio Renovation, Culver City, CA — Kimley-Horn provided civil engineering services to the project developer, Tectonics Construction, Inc. for the renovation project located at 8461 Warner Drive. The project consisted of a renovation of an existing warehouse by raising the finished floor elevation by 12 inches and constructing a new subterranean garage below on a 1.1 acre site. Our site design included re-grading and paving of existing surface parking lot, construction of new driveway entrances, sidewalk, curbing, concrete gutter, site utilities (storm drain, water, and sewer), catch basins, and underground storm water treatment system. Services included preparation of construction documents including demolition plan, mass grading plan, fine grading and drainage plan, erosion control plan, utility plan, horizontal control plans, and site details including stormwater management devices. The project also required approval of SWPPP and SUSMP with the City of Culver City. An underground Cultec Recharger Chamber System was specified within the surface parking lot to meet the City's stormwater treatment requirements. In addition, flogard filters were installed in upstream catch basin and trench drain to provide pre-treatment for the stormwater runoff from the project.

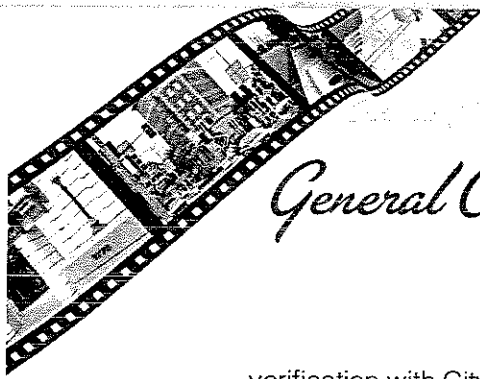
Sewer Design

Costco at Lakewood Center, Lakewood, CA — Kimley-Horn is providing civil engineering services to The Macerich Company for the construction of a new Costco store and gas station and a new entrance to the Target store at the Lakewood Center mall. Kimley-Horn is providing the design for civil, grading, drainage, sewer, storm drain, water (public, private, and fire), site accessibility, and off-site improvements.



The project also featured a relocated deep Los Angeles County sewer around the expanded footprint of the Costco store, and required coordination with the City of Lakewood, Los Angeles County Department of Public Works, and Los Angeles County Bureau of Sanitation. The off-site improvements included widening of the north and south side of Candlewood near Lakewood Boulevard and the design of a right hand turn pocket on Clark Avenue. The off-site improvements required coordination with Caltrans and the City of Lakewood. We are currently providing construction phase services during the construction of the project.

Corona Sewer Lift Station — Project Manager. Pre-design investigation, routing study, environmental assessment, preliminary design report, plans and specifications for 100 GPM/45-ft TDH, duplex 15-HP submersible sewage pump station and 1600-lb of 6-inch HDPE force main. Responsibilities: coordination with client, permitting agencies, and local business district, as well as



to Provide General Civil Engineering Services

verification with City of Corona on design requirements, ROW analysis, environmental, survey and geotechnical investigations, and preparation of plans and specifications, including the integration of the City's proprietary SCADA control package into the electrical design.

Los Cerritos Center Expansion Civil Engineering (Lift Station also), Los Cerritos, CA — Kimley-Horn is providing Civil Engineering services to The Macerich Company for a redevelopment project at Los Cerritos Center mall. A vacant anchor store within the mall was demolished, and a mall expansion and a new Nordstrom's store are currently under construction. Kimley-Horn is providing the design for civil, grading, drainage, sewer, storm drain, water (public, private, and fire), and site accessibility. The project also featured a sewer pump station described below with more detail. We are currently providing construction phase services during the construction of the project.

Kimley-Horn provided comprehensive records research, alternative analysis, design, agency approval facilitation, and construction phase services for the Los Cerritos Center Lift Station. The 125 gpm, duplex submersible pump design, included new wet well, standby power generation, controls, remote alarming, site work and force main. The project was completed on an accelerated timeline to ensure "pad ready" property for Nordstrom's rehabilitation of an existing Sears building.

Street Improvements and Design

5600 Wilshire Boulevard Mixed-Use Project, Los Angeles, CA — Kimley-Horn provided a due diligence report civil engineering services to BRE Properties for the design and construction of a 284-unit mixed-use apartment and 12,500 square feet of retail with three levels of parking in the Miracle Mile area of Los Angeles. The project entailed 49,000 cubic yards of grading, site retaining walls, street widening, water, sanitary sewer, storm drain and storm water management design



requiring City of Los Angeles approvals and permits; and intensive coordination with numerous consultants involved in the project. The project is planned to meet the requirement for LEED® Silver accreditation. To help meet this accreditation, we used an on-site filtration system to clean storm water run-off.

Sawtelle Boulevard Mixed-Use, Los Angeles, CA — Kimley-Horn is provided street improvement plans for a multi-story mixed-use development in West Los Angeles. The off-site improvements for the project included approximately 1000 linear feet of

street improvements along Sawtelle Boulevard, including new sidewalk and parkway, approximately 400 linear feet of street improvements along Iowa Avenue including a new street section, curb & gutter, and sidewalk, and approximately 1000 linear feet of alley improvements including storm drain, cross gutter, and alley section. The project required coordination with Los Angeles City Bureau of Engineering, Street Lighting, and DOT.

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North Maclay Avenue Pedestrian Streetscape, San Fernando, CA — Kimley-Horn was selected for this pedestrian streetscape project which entailed restriping, new pedestrian lighting, landscaping, intersection bulb-outs and crosswalks, and diagonal parking for approximately one mile of North Maclay Avenue, between 1st and 8th Streets in the City of San Fernando.

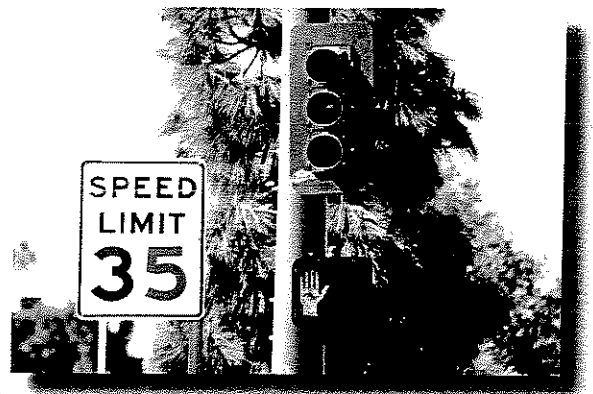
Baseline/Laurel Intersection Improvements, Fontana, CA — Kimley-Horn is responsible for the design and construction support to improve this intersection to the ultimate configuration. This includes design for street widening, medians, sidewalk, and a new traffic signal. Work includes an alignment study, right-of-way acquisition and final design plans, specifications and cost estimate. The project lies within the Cities of Fontana and Rialto, requiring agency coordination for approvals and design standards. Additional consideration was required to account for future development in adjacent properties.

Traffic Signal Design, Timing, and Review

Culver City KITS, Culver City, CA — The City of Culver City selected Kimley-Horn to provide KITS as their traffic control system. The system includes integration of existing 170 traffic signal controllers, and CCTV cameras. KITS was installed with the current City communication architecture. The first phase of the system was deployed in May 2009. Also included is the input of timing parameters into new and existing traffic signal controllers and developing coordination timing. KITS laptops allow remote control of the system as well as the ability to directly connect to the controller in the field. Kimley-Horn is customizing the user interface to conform to City preferences. Other project services include Software engineering, integration, analysis, and design; timing plan conversion; field communication design and equipment selection; and staff training, documentation, and manuals.

Traffic Signal Synchronization, Agoura Hills —

Kimley-Horn has completed the design of the PS&E for the installation of a fiber-optic traffic signal and video detection communication system for Agoura Hills. For this project we will provide interconnection for approximately 20 signalized intersections, install video detection, and allow the viewing of video from the video detection units on a workstation in City Hall. We also are currently developing citywide traffic signal timing plans for the coordination of a network of 20 signals using Synchro software. The project also involves travel-time studies, implementing timing plans, fine-tuning of timings, and preparing the final report.



Traffic Signal Design Services (Signal Upgrade at 20 intersections), Burbank, CA — This project involved the upgrading and modernization of 28 locations in the City of Burbank. Project objectives included the replacement of outdated controllers, installation of inductive loop detectors to provide full traffic actuated operation, and a complete review of each intersection to ensure conformance with current MUTCD and Caltrans guidelines. Existing above- and below-ground traffic signal system

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equipment was field reviewed to identify the necessary improvements before the design phase, thereby avoiding any unnecessary improvements and the associated costs.

Smart Corridor-San Fernando Road, Glendale, CA — This project involved the upgrading, modernization, and interconnection of 14 locations along San Fernando Road in the City of Glendale. Project objectives included the replacement of outdated controllers, installation of inductive loop detectors to provide full traffic actuated operation, installation of interconnect equipment, and a complete review of each intersection to ensure conformance with current MUTCD and Caltrans guidelines. Existing above- and below-ground traffic signal system equipment was field reviewed to identify the necessary improvements before the design phase, thereby avoiding any unnecessary improvements and the associated cost. PS&E was then prepared for local intersection and system related improvements.

Building Site Design and Retaining Wall Design

Cardinal Health Pacific Corporate Center, San Diego, CA — Kimley-Horn is providing a grading and improvement plan package for building A of the Pacific Corporate Center. Building A is a commercial office building on 11 acres with a two-level parking structure located at the intersection of Pacific Mesa Blvd. and Pacific Heights Blvd. in the Sorrento Valley area. Tasks associated with the grading and improvement package include field survey, site construction drawings, retaining wall plans, a drainage study, water quality report, and storm water pollution prevention plan.

The project also featured multiple site CMU retaining walls of varying height and in multiple configurations. The retaining wall designed varied from 3'-14' in height for both cut and fill conditions. The City of San Diego was the permitting agency for the retaining walls.

Vista Sorrento Gateway Lot 1, San Diego, CA — Kimley-Horn is providing a grading and improvement plan package for a three story commercial office building in the Vista Sorrento subdivision. The proposed building is a multistory commercial office building on 4.2 acres located at the intersection of Vista Sorrento Parkway and Directors Place in the Sorrento Valley area. Tasks associated with the grading and improvement package include field survey, site construction drawings, retaining wall plans, a drainage study, water quality technical report, and a storm water pollution prevention plan.

The project also featured multiple site retaining walls of varying height and in multiple configurations. The retaining wall design varied from 3'-18' in height for both cut and fill conditions. Designs were provided for CMU, concrete, and Allen Block. The City of San Diego was the permitting agency for the retaining walls.

Police and Fire Improvements

Police and Fire Station Improvements, Los Angeles, CA — Kimley-Horn served as subconsultant to RRM for the construction of a new fire station and infrastructure as part of the City of Los Angeles bond program. The site is approximately 2.5 acres. Civil engineering services included site, grading, drainage, and utility design and construction documents.

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Police Services Building Traffic Evaluation, Los Gatos, CA — Kimley-Horn completed a traffic and transportation impact evaluation in conjunction with the proposed new Town of Los Gatos Police Department Facility. The Kimley-Horn traffic evaluation for the Los Gatos Police Services Building included the analysis of additional traffic generation, site access and circulation, parking conditions, and pedestrian and bicycle access. The study was conducted to determine if the Town should purchase an existing building to relocate some of its police services focused on patrol functions, some office uses, and a property storage facility.

California Fire Rescue Training Facility, Sacramento, CA — Kimley-Horn worked closely with the project architect as well as staff from the Sacramento Metropolitan and Sacramento City Fire Departments to design the paving and utility improvements for the expansion of the California Fire Rescue Training Facility located in the McClellan Park area of Sacramento. The design of on-site improvements presented a unique challenge since the underlying soils were contaminated and typical trenching techniques were not permitted. It was also necessary to contain all surface run-off away from the training areas and recycle it due to the ground contamination.

Park and Park Facilities

Jesse Owens Park, Los Angeles, CA — Kimley-Horn provided civil engineering services to Los Angeles County Department of Public Work, Architectural and Engineering Division for the development of two comfort stations within the park. We provided grading, erosion control, and construction phase services to support the project. Maintaining an accessible route of travel to the structures was one of the challenges for the design.

The Brownstones @ 21st Street, Sacramento, CA — Project Manager. Kimley-Horn developed the design concept that focused on an “urban” hardscape solution, rather than a suburban landscape solution. The designs were presented to neighborhood groups, as well as public review boards and commissions. The three-acre, 60-unit residential development is located in the Midtown area of Sacramento and consists of walkways, patios, and plazas utilizing exposed aggregate paving with brick headers to provide continuity throughout the project. Site furnishings, such as lighting, fencing, benches, trash receptacles, etc. were specified to use similar materials and colors to reinforce overall unity in design. The project was warmly received by all groups and obtained all project approvals.

Survey Services

Meridian (March AFB/March Business Center), Riverside County, CA — Surveyor. Kimley-Horn provided consulting services to LNR Properties as part of the redevelopment of March Air Force Base as a mixed-use business park (approximately 1200 acres). In the mid 1990s, the base was targeted by the federal government for closure and reuse. A Joint Powers Authority (JPA) was formed to oversee this operation. Kimley-Horn provided all necessary services required to entitle the property, conducted necessary



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environmental studies, prepared a specific plan and tentative map, conducted design studies, and designed infrastructure improvements. The property will contain a variety of industrial, distribution, office, support retail, and scientific research uses.

Spring and High Street Improvements, La Mesa, CA — Kimley-Horn conducted a field survey at the project location that included 400' north and south on Spring Street, 100' east and 100' west on High Spring Street. Our survey consisted of top of curb elevations, flow line elevations, back of sidewalk elevations, and other grade information deemed necessary for the preparation of the civil improvement plan. This survey was used to verify the final design and quantities. Based on the written comments provided by the City of La Mesa engineering staff, Kimley-Horn revised the draft design for the final submittal. A final PS&E package (Mylar) was signed and submitted.

Rehabilitation of Willow Street Bridge over the Sweetwater River, Chula Vista, CA — Kimley-Horn was retained by Simon Wong Engineering to complete Preliminary Engineering, Final Design and Construction Support for the improvement/replacement of Willow Street Bridge in Chula Vista. Three alternatives are being analyzed during the preliminary engineering phase. After one of the alternatives was selected, the Final Design or PS&E phase was completed.



The preliminary design phase of the project includes the development of the project design up to the 30% design level. Included in this phase are the alternative evaluation, environmental documentation, topographical mapping, geotechnical investigation, hydraulic studies, bridge type selection and 30% design details. Design includes: roadway design, signing/stripping, pedestrian (ADA) requirements, drainage, signal design, utility coordination, intersection modification and producing a traffic study.

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References

We are proud of our working relationships with our clients and much of our success over the last 42 years is directly related to our efforts to provide high quality, timely services. We are currently working with or have worked for the following clients within the last three years. We invite you to contact these clients and talk to them about our work history, quality of service, and if they would again select us for similar services.

<i>City of Culver City, KIDS Project</i>	Gabe Garcia 9770 Culver Boulevard Culver City, CA 90232 (310) 253-5621
<i>City of Santa Monica, Bicknell Avenue Street Greening Project</i>	Mark Cuneo 1437 4th Street Santa Monica, CA 90401 (310) 458-8721
<i>City of Agoura Hills, On Call Engineering Services</i>	Ramiro Adeva 30001 Ladyface Court Agoura Hills, CA 91301 (818) 597-7322
<i>City of West Covina, Plan Check Review Services</i>	Oscar Caplin 1444 W Garvey Avenue South West Covina, CA 91790 (626) 939-8400
<i>City of Thousand Oaks, On Call Engineering Services</i>	Kathy Lowry 2100 Thousand Oaks Boulevard Thousand Oaks, CA 91362 (805) 449-2416
<i>City of Burbank, Traffic Signal Design Services</i>	Ken Johnson 275 E. Olive Avenue Burbank, CA 91502 (818) 238-3965
<i>Genster Sony Picture Studios, Culver City</i>	John Wiedner 300 Broadway Santa Monica, CA 90401 (310) 449-5709

*Statement of Qualifications
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Fee Schedule and Insurance Requirements

Fee Schedule

The following are hourly rates of for Kimley-Horn staff. Rates are valid as of July 1, 2009, and will remain in effect for the term of the contract

Support Staff	\$75.00 - \$85.00
Designer/Technician/CADD Operator	\$ 85.00 - \$120.00
Analyst	\$110.00 - \$130.00
Professional	\$135.00 - \$165.00
Senior Professional	\$170.00 - \$235.00
Principal	\$200.00 - \$250.00

Expenses

Subconsultant / Direct Expense Mark-up	15%
Computers (Includes computer time used for technical analysis and CADD)	\$25.00
Office Expenses (Covers direct expenses, such as in-house duplicating and blueprinting, local mileage, telephone calls, electronic messaging, postage, and word processing)	3.8%

Insurance

Kimley-Horn confirms that it has the ability to provide business automobile insurance and professional/negligent acts, errors, and omissions insurance in minimum of \$1 Million per claim, respectively.

June 15, 2009

Hong Wang, Senior Civil Engineer
CITY OF CULVER CITY
Engineering Division; 2nd Floor
9770 Culver Boulevard
Culver City, CA 90232

RE: STATEMENT OF QUALIFICATIONS FOR GENERAL CIVIL ENGINEERING SERVICES

Dear Mr. Wang:

CBM Consulting (now part of KOA Corporation) appreciates the opportunity to submit qualifications to the City of Culver City for General Civil Engineering services. CBM Consulting will be providing Civil Engineering Design, Project Management, Construction Management & Inspection. KOA Corporation will be providing traffic engineering. CBM Consulting & KOA Corporation (CBM-KOA) have the expertise and resources required to assist the City of Culver City in completing Capital Improvement Projects in a timely and efficient manner. We are committed to working seamlessly with your staff and project team to ensure the successful delivery of this project.

The CBM-KOA team, our project systems, and our entire management structure are geared to providing flexible services to agencies such as yours. Descriptions of similar projects and respective references for these projects are included in our proposal. Our team includes experienced engineers and planners, with registrations and licenses in the State of California.

Kevin Klaus, P.E. will be the Management Contact and Project Manager for this contract. The contract would be managed through the South Bay office at 17601 South Denver Avenue, Gardena, CA, 90248; Phone: 310.290.102; Fax: 310.329.1021; Email: kklaus@koacorporation.com. Thank you for this opportunity to offer our services to the City of Culver City. Should you have questions during the selection process, please contact me at 310.329.0102.

Sincerely,
KOA Corporation



Kevin Klaus, P.E., LEED AP
Principal
Prof. Engineer (Civil) CA #61403

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FIRM PROFILE

I. QUALIFICATIONS

Firm Profile

CORPORATE OFFICE:
KOA Corporation
1055 Corporate Center Dr.
Suite 300
Monterey Park, CA 91754
Tel: 323.260.4703
Fax: 323.260.4705
www.koacorporation.com



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Orange
Ontario
San Diego
Oakland

Key Individual:
Kevin Klaus, P.E., LEED AP
Principal
kklaus@koacorporation.com

CBM Consulting is a multi-disciplined engineering consulting firm that has been providing Civil Engineering Design, Project Management, Construction Management and Observation, Grant Application Processing and NPDES Program Implementation services to private, commercial, industrial and municipal clients collaboratively for twenty years. Our extraordinary team combines a passion for design and management with a commitment to successful project delivery.

CBM was recently acquired by KOA Corporation. Founded in 1987, KOA Corporation (KOA) is one of the leading traffic engineering and transportation planning and design firms in California. Together, KOA & CBM have seven offices and over 100 employees to serve our California clients. KOA is a California Corporation, a regional firm, based in and working primarily in California. The office assigned to this project will be our South Bay office located at 17601 S Denver Avenue, Gardena, CA 90248.

Our professional planning and engineering staff members are available to provide the following services:

- Civil Engineering
- Project Management
- Construction Management & Observation
- Staff Assistance
- NPDES Program Implementation
- ADA Assessment & Improvements
- Plan Checking
- Transportation Planning / Analysis
- Highway & Infrastructure Design
- Traffic Signal / Lighting Design
- Storm Drainage & Design
- Intelligent Transportation Systems Design
- Signing and Striping Plans
- Transit / Rail Planning
- Circulation and Parking Studies
- Parking Design & Analysis
- Traffic & Parking Impact Studies
- Pedestrian & Bikeway Design
- Transportation Modeling
- Travel Demand Forecasting / Modeling
- Worksite Traffic Control

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FIRM PROFILE

RECENT AWARD WINNING PROJECTS

American Public Works Association (APWA) Southern California Chapter

Project of the Year 2007:

- ♦ City of Signal Hill, Rehabilitation of Gundry Reservoir & Sand Basin

Project of the Year 2006:

- ♦ City of Rancho Palos Verdes, Point Vicente Interpretive Center Project
- ♦ City of La Habra, La Bonita Park Phase II Improvements Project

Project of the Year 2005:

- City of La Habra Holgate Area Street Rehabilitation and Water Main Replacement Project (Street and Transportation)
- City of La Habra La Bonita Park, Harbor Boulevard Storm Drain Improvements and La Plaza Channel Improvements (NPDES Watershed Management)

Project of the Year 2004:

- Alameda Corridor East (ACE) Construction Authority: Jumpstart Safety Program
- City of Long Beach: Emergency Communications and Operations Center
- City of Signal Hill: Spring Street Revitalization Corridor
- City of West Hollywood: Spaulding Parking Lot

Project of the Year 2003:

- CM for City of Long Beach New Fleet Services, Towing/Impound and Refuse Facilities

American Society of Civil Engineers (ASCE) OC Branch

Project Achievement Award 2005:

- City of La Habra La Bonita Park, Harbor Boulevard Storm Drain Improvements and La Plaza Channel Improvements

Orange County Engineering Council (OCEC)

Engineering Project Achievement Award 2005:

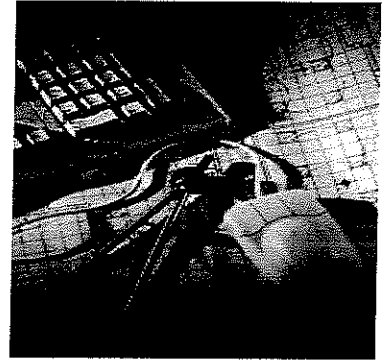
- City of La Habra La Bonita Park, Harbor Boulevard Storm Drain Improvements and La Plaza Channel Improvements

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PROJECT MANAGEMENT

Project Management

CBM will streamline Project Management for any client. Our staff works with the most recognized instruments and codes, such as the Public Contracts Code, the Standard Specifications for Public Works Construction "Green Book", American Institute of Architects documents, Americans with Disabilities Act, the Uniform Building Code, Caltrans Standard Specifications, American Water Works Association, and local standards to assist clients in managing all project phases, from preliminary design through construction completion. As part of our Project Management services, we develop revisions to "Boiler Plate" specifications and bid documents to provide tighter control over the selection and supervision of contractors. CBM's Project Management services saves time and money.



CBM routinely develops project funding from Propositions A and C, ISTEA, State and Local Partnership Program, CDBG, Assessment Districts, energy efficiency programs and others. We encourage our clients to rely upon our funding development experience soliciting funds from all possible sources.

SERVICES AVAILABLE

- Contract Administration
- Capital Budget Preparation
- Design/Build Administration
- Performance Contract Administration
- Maintenance Agreement Administration
- Funding Applications
- Consultant Selection
- Preparation of Council Reports
- Grant Administration
- Prepare Bid Specifications, RFPs, RFQs
- Develop Scopes of Work
- Develop, Update/Monitor Schedules
- Assist with Negotiation of Consultant, Utility Agency & Contractor Contracts
- Assist with Negotiation of Consultant, Utility Agency and Contractor Contracts
- Project Public Relations
- Analyses of Budget & Schedule Impacts
- Admin. of Environmental Requirements

PROJECT TYPES

- Capital Program Coordination
- Community Redevelopment Projects
- Recreation & Parks Facilities
- Parking Structures and Parking Lots
- Building Construction and Renovation
- Design / Build Projects
- Energy Conservation Upgrades
- Residential Subdivision Planning
- Utility Relocations & Undergroundings
- Water System Improvements
- Sewer Mains & Sewer Lift Stations
- Water System Projects
- Drainage Improvements
- Library Renovation
- Street Pavement Projects
- Streetscape Improvements
- Traffic System Upgrades
- Transportation Facilities
- Railways and Grade Separations
- Freeways, Bridges & Interchanges
- Schools, Police and Fire Station Projects
- Marina, Port & Wharf Projects

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CONSTRUCTION MANAGEMENT & OBSERVATION

Construction Management & Observation

Construction Management

CBM's construction managers apply many years of experience on Caltrans, municipal, utility and private construction projects. Our team allows your agency access to some of the most practical Construction Managers and Technicians available. CBM provides all parties with up to the minute information, and is sensitive to the special needs of the community.



Construction Observation

CBM provides construction observation services for many types of projects. CBM construction observers have experience with bridges, highways, heavy civil projects, roadways, utilities, transportation projects, rail, wharf and port facilities, federally funded projects, and virtually any other type of municipal or public projects. Our construction inspectors bring many years of accrued skills in dealing with contractors and keeping the projects on track for timely completion.

SERVICES AVAILABLE

- Contract Administration
- Cost Estimating and Budgeting
- Projected vs. Actual Budget Tracking
- Scheduling, Monitoring and Tracking
- Change Order Evaluation & Negotiation
- Airports
- Document Controls
- Submittal, Shop Drawing & RFI processing
- Construction Observation
- Materials Inspection
- Specialty Inspection
- As-Built Documentation
- Federal Fund Requirements Administration
- Public Relations for Fire &
Police Department Projects
- Storm Water Prevention Plan Monitoring
- Hazmat Abatement Admin. & Coordination
- Warranty, O&M Manuals and Training
- Claims Avoidance
- Full Time Daily Public Works Inspection
- Daily and Weekly Reports
- Quality Assurance
- Photo and Video Documentation
- Field Change Coordination
- Quantity Measurement and Verification
- Manpower and Equipment Tracking
- As-Built Documentation
- Contract Time Monitoring

PROJECT TYPES

- Multi-Prime Projects
- Streets & Highways
- Building Construction
- Marina, Port & Wharf Projects
- Municipal Pool Projects
- Parking Structures and Lots
- Storm Drains & Sewer Systems
- Building Renovations
- Natural Gas Pipelines
- Railroad Grade Separations
- Sound Walls & Guard Rails
- School Projects
- Park Projects
- Municipal Building Construction
- Earthquake Repairs

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CIVIL ENGINEERING DESIGN

Civil Engineering Design

CBM's talented staff of Registered Professional Engineers and Designers is complemented with a wide range of experience in Engineering Design Project, both in the public and private sector. Coupled with the latest design software tools, CBM provides efficient, cost effective and timely engineering solutions meeting a variety of project requirements. In addition, CBM draws from a substantial support base of subconsultants for specialized engineering tasks including traffic signal engineering, structural engineering, geotechnical engineering and architectural services as needed.

CBM has 20 years of comprehensive civil engineering experience. CBM works almost entirely with public agencies, and as such, is uniquely suited to respond to the specific needs of public works projects. Our highly qualified staff has completed a diverse range of civil engineering projects for many agencies throughout Southern California.

CBM Consulting has successfully designed and managed the construction of all aspects of public works construction including storm sewer, sanitary sewer, and water pipelines; curb, gutter, and sidewalks; pavement construction; landscaping; structures, and buildings. CBM Consulting works with both new and existing infrastructure improvements, but specializes in civil rehabilitation projects. CBM also provides complete program management services encompassing all aspect of a project or program from conception through completion.

SERVICES AVAILABLE

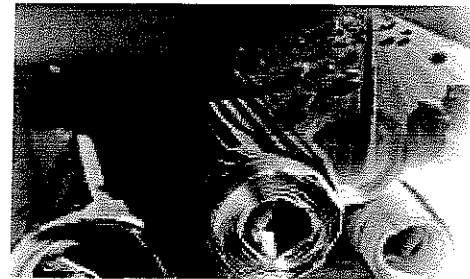
Civil Design
Entitlement & Permitting Services
Public Relations
Agency Processing
Expert Witness and Testimony
As-Built Drawings
Plan Reproductions

CAD SOFTWARE

AutoCAD 2007
Land Desktop 2007
AutoCAD Sewer 2007

PROJECT TYPES

Street Overlay, Reconstruction & Widening
Commercial Land Development Design
Grading/Drainage Design
Hydrology Studies
Traffic Signalization Projects
Parking Lot Layout Design
Traffic Control
ADA Accessibility
Transit Centers
Utility Projects: Water, Sewer, Storm Drain,
Natural Gas, Electrical, Street Lighting, etc.



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PROJECT EXPERIENCE

2. PROJECT EXPERIENCE

Sewer & Storm Drain Improvements

Carson Street Sewer Replacement and Street Rehabilitation Project

Culver City, CA

Cost: \$750,000
Owner: City of Culver City
Completion Date: November 2008
Contact: Lee Torres (310) 253-5623
Design Engineer: Kevin Klaus, P.E.

Completed as part of CBM's on call Design Engineering contract with Culver City. The design included the replacement of a deteriorated VCP sewer line with a new PVC sewer line. It also included street rehabilitation plans as a separate plan set. The street rehabilitation included new curb, gutter, and sidewalk, as well as replacement and reprofiling of the asphalt in the road. The street is lined with mature ficus trees that have destroyed the majority of the existing concrete improvements and caused major challenges in the new grading plan.



La Bonita Park, Harbor Boulevard Storm Drain, and La Plaza Channel Improvements

La Habra, CA

American Public Works Association (APWA) Southern California Chapter Project of the Year 2005

American Society of Civil Engineers (ASCE) OC Branch Project Achievement Award 2005

Orange County Engineering Council (OCEC) Engineering Project Achievement Award 2005

Cost: \$3,320,000

Owner: City of La Habra
Completion Date: October 2005
Contact: Chino Consunji, Principal
Civil Engineer (562) 905-9720

Construction Manager: Derry MacMahon

For cost effectiveness the City of La Habra combined the La Bonita Storm Drain Improvement Project, Harbor Boulevard Storm Drain Improvement Project and La Plaza Channel Improvement Project into one project. The combined overall project was completed 2.5 months ahead of schedule and within budget. CBM performed construction management of the \$3.3 million project which included installation of 4626 linear feet of storm drain pipe lines, and construction of 177 linear feet of RCB structures as well as a 20,000 cubic yard detention basin. In addition, the project involved the replacement of 2531 linear feet of the existing La Plaza Channel with a new reinforced concrete open trapezoidal channel. The improvements provided by this project have diverted a huge quantity of surface water run-off from the neighboring streets and directed it into the enlarged La Plaza Channel.



Lambert Road and Hacienda Road Pavement Rehabilitation Project

La Habra, CA

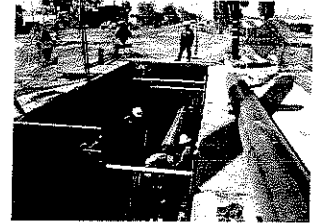
Cost: \$2.1 million
Owner: City of La Habra

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PROJECT EXPERIENCE

Completion Date: March 2005
Contact: Delfino Consunji, Principal Civil Engineer (562) 905-9720
Project Manager: Chuck Stephan, P.E.

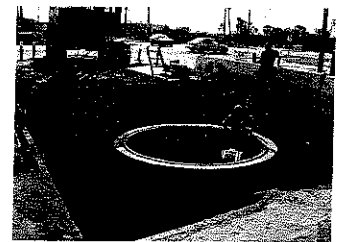
CBM conducted project engineering, including design oversight, construction management, and financial management, of this federally-funded Caltrans-administered arterial rehabilitation project for the City of La Habra. This project replaced water lines, repaired sidewalks and driveways, installed ADA curb ramps, rehabilitated pavement with asphalt rubber hot mix pavement overlays, striped, and replaced traffic loops. The \$2.1 million project on the major arterial highways Lambert Road and Hacienda Road included 13,000 tons of asphalt, 8,000 feet of water main, and 100 water services on 2 miles of arterial highway.



Storm Drain Pollution Trap At 20th Street And Walnut Avenue Long Beach, CA

Cost: \$409,925
Owner: City of Long Beach
Completion Date: May 2004
Contact: Tony Arevalo Project Manager, City of Long Beach (562) 570-6289
Construction Manager: Derry Mac Mahon

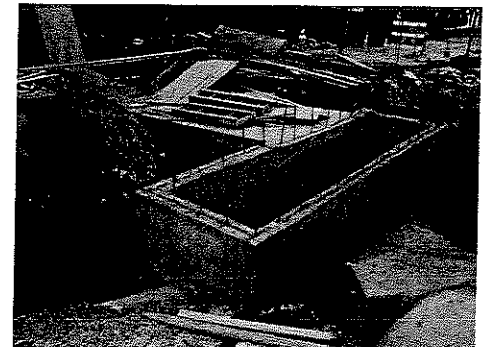
CBM carried out the construction management and inspection for the installation of a storm drain pollution trap device, which is one of the first of its type to be installed by the City of Long Beach. The project consisted of the installation of an underground storm drain pollution trap device constructed of cast in place and pre-cast concrete sections. The project also entailed the construction of an underground reinforced concrete weir box, storm drain manholes, and catch basins, as well as removal of section of 54" storm drain line and connection of new structures to the 54" storm drain line.



McCarrell Canyon Storm Drain Rancho Palos Verdes, CA

Cost: \$5,000,000
Owner: City of Rancho Palos Verdes
Contact: Jim Bell, Director of Public Works (310) 544-5246
Project Manager: Alan Braatvedt

Alan Braatvedt of CBM Consulting was selected to be the project manager for this project, which is currently being constructed. This is a major storm drain project for the City of Rancho Palos Verdes to convey water from the steep McCarrell Canyon through 3,000-feet of pipeline to the beach. Alan was involved in the development of the concept design, selection of the design engineering firm and managing the project all the way through the design phase. The design was developed into an extremely innovative design with numerous fail-safe components. The main components of the project are: A large intake structure; 500-feet of 54-inch CMP; 2,300-feet of 66-inch steel pipe and a 300-foot slant drain through the bluff to the beach, constructed in a tunneling operation.



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PROJECT EXPERIENCE

Street & Alley Improvements

Washington Boulevard Realignment

Culver City, CA

Cost: \$2,500,000

Owner: Rush Pacifica/ City of Culver City

Completion Date: April 2008

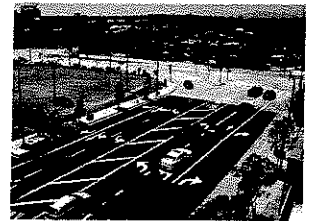
Contact: Joe Susca, Culver City Redevelopment Agency (310) 253-5763

Additional Contact: Dominick Paolino, Rush Pacifica (858)704-7349

Project Manager: Kevin Klaus, P.E.

Construction Manager: Alan Braatvedt

CBM Consulting (now KOA Corporation) provided design engineering and project management for this project. This project involved the abandonment of the section of Washington Boulevard at Culver Boulevard and widening of the adjacent section of Ince Boulevard to accommodate the increased traffic load. This major undertaking by the City of Culver City will allow for the development of the parcel between Washington Boulevard and Culver Boulevard into a mixed use office/retail building and the expansion of the Culver Town Park.



Rosecrans Avenue/Aviation Boulevard Intersection Improvements

Hawthorne, CA

Cost: \$5,900,000

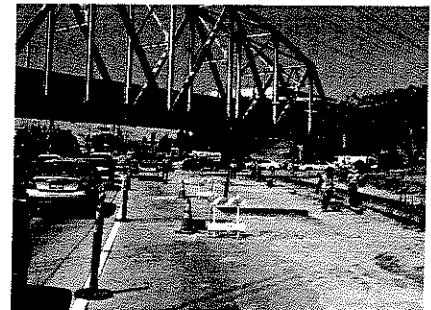
Owner: City of Hawthorne

Completion Date: January 2007

Contact: Akbar Farokhi, Senior Engineer (310) 349-2983

Construction Manager: Derry MacMahon

The project involves the widening of Rosecrans Ave. in the eastbound and westbound directions for the construction of additional lanes of traffic from Douglas Street to Hindry Ave. Additional lanes are also being built along the northbound and southbound directions of Aviation Blvd. between Hawaii Street and Marine Avenue. The work consists of excavation and removal of existing pavement, concrete and asphalt paving, construction of curb and gutter, sidewalks, driveways, retaining walls, sound walls, storm drain RCP & RCB structures and street lighting. In addition to the above the project also involves traffic signal modifications at four intersections, traffic striping, adjustment of existing u/g utilities, undergrounding of overhead utilities and landscaping



La Habra ADA Assessment and Recommendation Report 2007

La Habra

Cost: \$50,000

Owner: City of La Habra

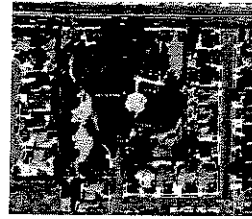
Completion Date: September 2007

Contact: Jeffrey Sinn PE, Deputy Director of Public Works/City Engineer

Project Manager: Chuck Stephan PE

PROJECT EXPERIENCE

This project reviewed and documented the existing condition of city-owned properties including buildings and facilities, parks, and public rights of way (sidewalks). The entire city was surveyed and photographed. Existing ADA non-conforming situations were identified and located using GPS coordinates. Non-conforming conditions were collated in tabular form along with recommended corrections, cost estimates, and identifying map locations. The City will use this report to develop an ADA implementation plan and budget resources for the work.



Alley Beautification Project FY 2006-2007

La Habra, CA

Cost: \$300,000
Owner: City of La Habra
Completion Date: June 2007
Contact: Sam Maker, Sr. Civil Engineer, City of La Habra
562.905.9720
Project Manager: Chuck Stephan, P.E.

This CDBG-funded project reconstructed several alleys in the City of La Habra with a central longitudinal gutter and asphalt pavement surfacing. CBM/KOA provided design and construction surveying, design, construction management, and project management services.



Harbor Boulevard Rehabilitation Project; Harbor Boulevard & La Habra Boulevard Improvement Project

La Habra, CA

Cost: \$2,400,000
Owner: City of La Habra
Completion Date: Estimated June 2009
Contact: Delfino Consunji, Principal Civil Engineer (562) 905-9720
Project Manager: Chuck Stephan, P.E.
Construction Observer: Mauricio Zeledon

This federally-funded STPL project will rehabilitate one mile of Harbor Blvd from Lambert Rd to Whittier Blvd, and improve the intersection at La Habra Blvd by widening the street and installing additional right and left turn lanes. This project is constructed in conjunction with a Rule 20 utility undergrounding project, and commercial improvements at adjoining properties. Work includes storm drain box culvert; storm drains; curb, gutter, sidewalks, driveways; water pipelines, meter and fire hydrant relocations; bore casing under railroad right-of-way; traffic signals; pavement construction and asphalt rubber hot mix overlay.



Holgate Area Street Rehabilitation

La Habra, CA

American Public Works Association (APWA) Southern California Chapter Project of the Year 2005

Cost: \$3,200,000
Owner: City of La Habra
Completion Date: March 2005
Contact: Delfino Consunji, Principal Civil Engineer (562) 905-9720

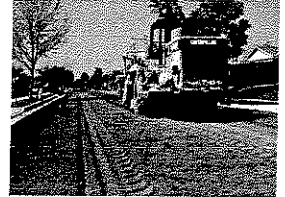
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PROJECT EXPERIENCE

Project Manager:

Chuck Stephan, P.E.

CBM/KOA conducted project management, including design and preparation of plans, specifications, and estimate; construction, and financial management of this pavement rehabilitation and water main replacement project for the City of La Habra. Included replacement of aging water mains, rehabilitation of 35 local and collector streets with conventional and asphalt rubber hot mix pavement, slurry seal, pavement fabric, sidewalks, driveways, cross gutters, and ADA curb ramps. Pavement rehabilitation methods included slurry seal, mill and overlay, pulverization and paving, and full depth reconstruction utilizing conventional and ARHM asphalt pavement. Featured full depth pulverization and reuse of existing asphalt and base materials as base for new asphalt pavement at a significant cost and time savings. Included 20,000 tons of asphalt, 30,000 square feet of sidewalk, 10,000 feet of water main, and 250 water services.



Lambert Road Sidewalk Gap Closure Project

La Habra, CA

Cost: \$2,000,000

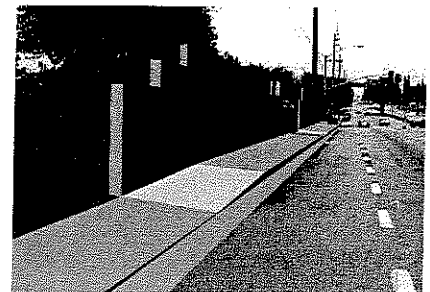
Owner: City of La Habra

Completion Date: 2005

Contact: Delfino Consunji, Principal Civil Engineer (562) 905-9720

Construction/Project Description: Chuck Stephan

CBM is providing project and construction management services for the Lambert Road Gap Closure project which will fill missing gaps and fully complete the sidewalk system along both sides of Lambert Road across the entire City. This project includes 15' cast in place concrete retaining walls, right of way acquisition, curb & gutter, sidewalk, ADA improvements, utility pole relocation, railroad coordination, and landscape restoration in various locations. The project is partially funded with Safe Route to School funds administered through Caltrans.



La Habra Lambert Road West of Beach Blvd Overlay Project

La Habra, CA

Cost: \$700,000

Owner: City of La Habra

Completion Date: June 2004

Contact: Delfino Consunji, Principal Civil Engineer (562) 905-9720

Project / Construction Manager: Chuck Stephan

CBM Consulting (now KOA Corporation) provided project and construction management services for the Lambert Road Overlay Project, which included new landscaped medians, ADA improvements, ARHM pavement overlay, signage, and water main improvements, funded with federal-aid administered through Caltrans. The \$700,000 project rehabilitated 1/2 mile of 4 lane arterial highway through business, park, and residential areas.



PROJECT EXPERIENCE

Residential Street Rehabilitation Project Mountain Road to Nyes Place

Laguna Beach, CA

Cost: \$3,700,000
Owner: City of Laguna Beach
Completion Date: June 2007
Contact: Mark Trestik, Project Manager (949) 497-0300
Project Manager: Alan Braatvedt
Construction Observer: Jonathan Braatvedt, Scott Neumann, Jamie Meager

CBM conducted Construction Management and Observation services for grind and 2" Overlay of 960,000 sq ft of street surfaces. The project included local full depth grind and full reconstruct of failing subgrade; Adjustment of valves, manholes, traffic loops etc. CBM inspection included: Taking measurements, monitoring BMPs, monitoring safety and co-ordination of contractors in the field. Some obstacles overcome during the project were: Creating and maintaining flow lines (no curb and gutter presenting city); paving on steep grades (30% at some places); condensed schedule due to high demand for summer traffic.



Lake Forest ADA Improvement Project

Lake Forest, CA

Cost: \$200,000
Owner: City of Lake Forest
Completion Date: estimated June 2009
Contact: Eddy Jan, City of Lake Forest 949.461.3490
Project Manager: Chuck Stephan, P.E.

This CDBG-funded project will construct 70 curb access ramps to current ADA requirements in various locations throughout the City of Lake Forest. CBM provided field survey and engineering design services.



Carrier Row Street Rehabilitation

City of Los Alamitos, CA

Cost: \$500,000
Owner: City of Los Alamitos
Completion Date: January 2009
Contact: William Huber, Interim Public Works Director (562)431-3538
Project Manager: Alan Braatvedt
Construction Inspection: Cris Cole

CBM/KOA provided construction management and inspection for this rehabilitation project. The rehabilitation options for the project street segments included new hot mix asphalt concrete (HMAC) pavement and asphalt rubber hot mix (ARHM) pavement overlay. Additionally, the project included clearing and grubbing, removal and replacement of asphalt concrete (AC) pavement, cold-milling AC (wedge and conform grinding) on various streets in the project neighborhood with either 2-inch HMAC or 1.5-inch rubberized AC, base repair, crack sealing prior to new slurry seal applications, adjustment of utility manhole



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PROJECT EXPERIENCE

covers/facilities to grade, valve boxes, and monuments, and the construction of Portland Cement Concrete (PCC) curb ramps. The sites were prepared by removal of the existing pavement materials and any underling materials to a minimum depth of four (4) inches (insuring that all asphaltic pavement material is removed), and replacement with compacted AC at the locations and to the dimensions marked in the field, or as directed by the City.

Annual Street Overlay Project

Rancho Palos Verdes, CA

Cost:	\$1,487,000
Owner:	City of Rancho Palos Verdes
Completion Date:	2007
Contact:	Jim Bell, Director of Public Works (310) 544-5246
Construction Manager:	Derry Mac Mahon
Construction Observer:	Kevin Klaus, P.E.

Responsible for contractor coordination, documentation and controls including preliminary notices, invoicing, submittals, certified payrolls, releases, etc. Also conducted and documented regular meetings and dealt with the numerous public relations issues. Closed out the project and filed the Notice of Completion.

Cherry Avenue Widening Design & Project Management

Signal Hill, CA

Cost:	\$2,000,000
Owner:	City of Signal Hill
Completion Date:	June 2005
Contact:	Charlie Honeycutt, Deputy City Manager (562)989-7356
Design Engineer:	Chuck Stephan, P.E.
Project Manager:	Derry MacMahon
Assistant Project Manager:	Scott Neumann

Responsible for the project management associated with the new design for the widening of Cherry Ave. between 20TH Street and 250ft south of PCH. The project includes a new storm drain, traffic signal upgrade at the PCH/Cherry Ave intersection, reconstruction of the street, PCC improvements and striping. The project involves the facilitation of the design process by the coordination of the sub consultants and utility companies involved in this project. The project also involves the selection and coordination of an environmental consultant for the NEPA process on the project.

PROJECT EXPERIENCE

Firestone & Garfield

South Gate, CA

Cost: \$1,750,000
Owner: City of South Gate
Completion Date: November 2008
Contact: Mahmoud Anjomshoaa, (323) 563-9574
Project/ Construction Manager: Kevin Klaus, P.E.

This project involved roadway improvements and widening at the intersection of Firestone Blvd and Garfield Ave, two heavily traveled major arterials (level of service "F"), in the City of South Gate. The work included removal of the deteriorated asphalt pavement and full reconstruction of an 18" PCC roadway section, widening of southbound Garfield Ave by 12 feet north of the intersection and 5 feet south of the intersection, traffic signal upgrades, and ADA improvements. Due to the extraordinarily high traffic impacts of this project, specifically large trucks, on the two arterials involved and the 710 freeway immediately adjacent, the construction schedule was accelerated to 60 calendar days and work continued day and night. Services provided by CBM Consulting (now KOA Corporation) included: planning, infrastructure design, cost estimating, construction management, and project close out.



Torrance ADA Ramps

Torrance, CA

Cost: \$1,000,000
Owner: City of Torrance
Completion Date: June 2009
Contact: Craig Bilezerian (310) 618-3054
Project Manager: Chuck Stephan, P.E.

CBM-KOA provided project management, design, and construction support for the installation of ADA sidewalk improvements in the City of Torrance. Work included over 700 curb access ramps, and various curb, gutter, sidewalk, driveway, and cross gutter repairs at 300 locations throughout the City.

