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**March 2, 2006
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**2006 Distinguished
Project Awards**

WE WERE HERE TO HELP OPEN UP THE WEST.

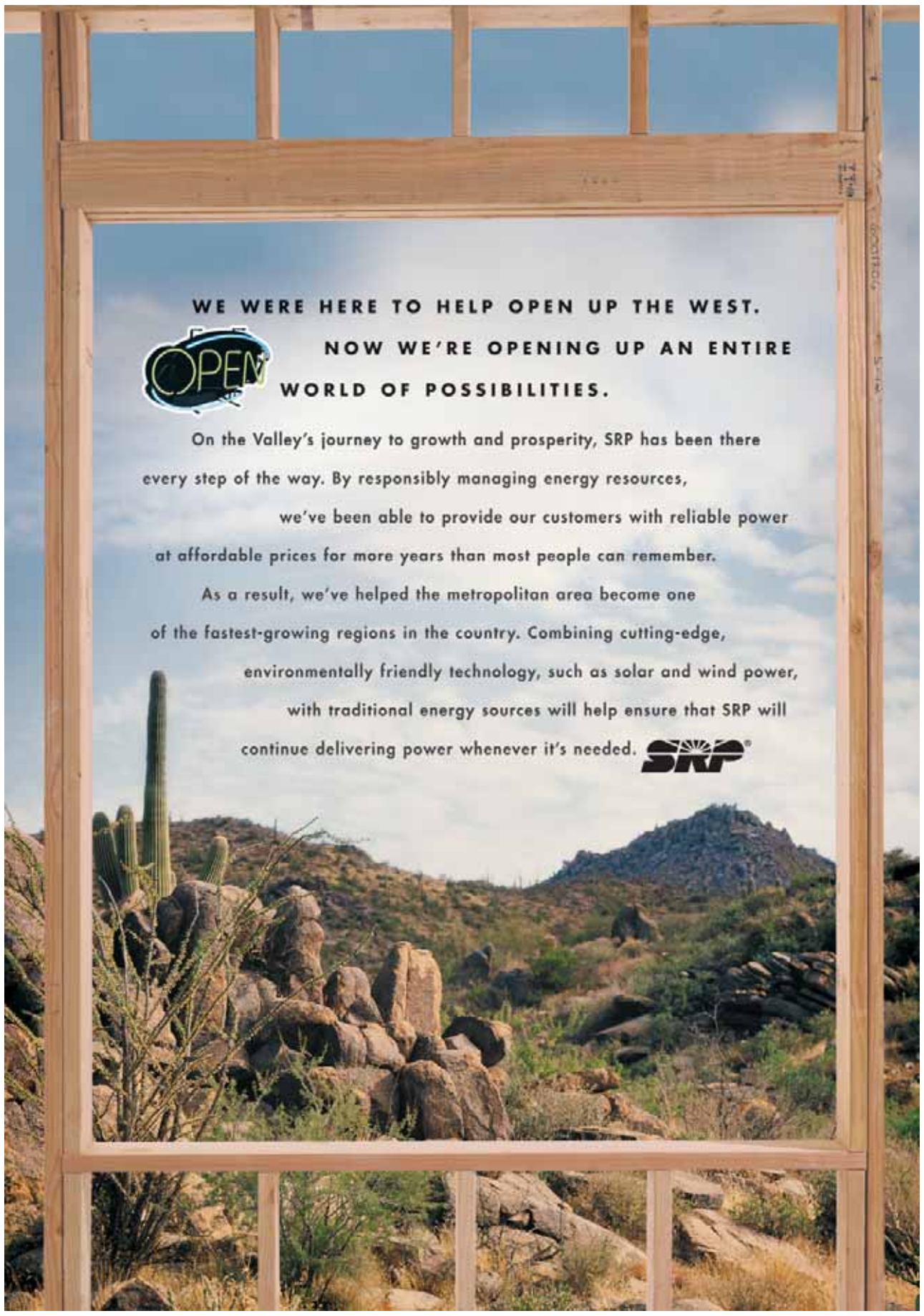


NOW WE'RE OPENING UP AN ENTIRE
WORLD OF POSSIBILITIES.

On the Valley's journey to growth and prosperity, SRP has been there every step of the way. By responsibly managing energy resources,

we've been able to provide our customers with reliable power at affordable prices for more years than most people can remember.

As a result, we've helped the metropolitan area become one of the fastest-growing regions in the country. Combining cutting-edge, environmentally friendly technology, such as solar and wind power, with traditional energy sources will help ensure that SRP will continue delivering power whenever it's needed.



HONORABLE MENTION

Category: **Infrastructure**



Los Angeles River Front Bikeway

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

In the past decades, there have been continuous discussions to revitalize the neighborhoods surrounding the Los Angeles River. Numerous plans, master plans, and designs have come and gone. The neighborhoods continued to suffer from neglect, abandoned vehicles, trash, graffiti, and criminal elements roaming the area.

The Los Angeles River Front Bikeway project is one of the first projects ever to address the issue. The project was completed in 2004. It serves as a pilot project that demonstrates the immense potential for the 51 miles of Los Angeles River.

Cost
\$1.9 million

Start date
July 30 2002

Completion date
February 06 2004

Landscape Architect
NUVIS Landscape
Architecture and Planning

Owner
City of Los Angeles

Contractor
Metro Builders Construction

DISTINGUISHED PROJECT AWARD

Category: **Advanced Technologies**

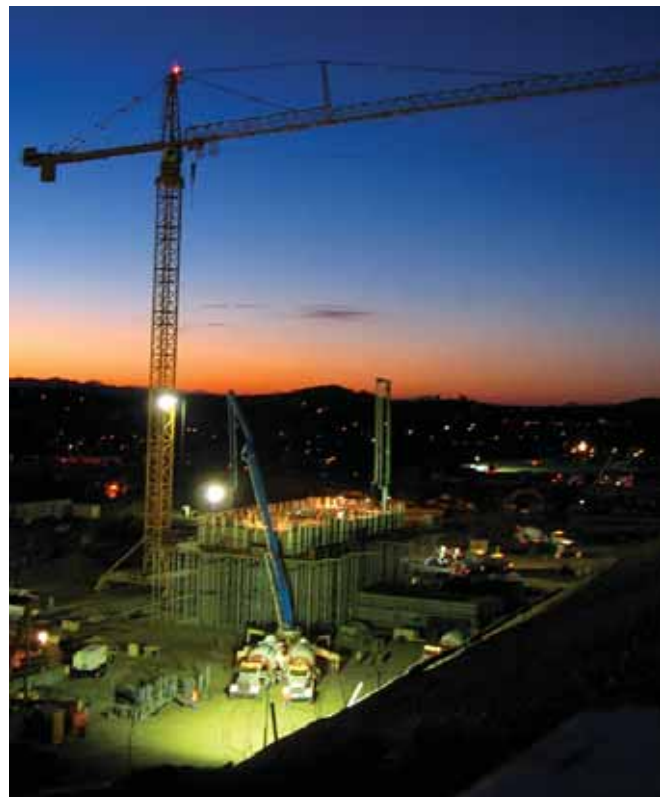
Bureau Veritas Berryman Henigar

At Bureau Veritas/Berryman & Henigar (BV/BH), we work closely and efficiently with several organizations to approve thousands of building permits for the Palomar Energy Project's electrical, civil, mechanical, plumbing and structural systems to get Palomar power plant up and running for the San Diego Gas & Electric (SDG&E) customers. We have selected Adobe Acrobat Professional software and Adobe Portable Document Format (PDF) as the solution to improve collaboration across project teams by enabling members to electronically exchange, mark up, and sign engineering drawings in PDF. Instead of receiving stacks of paper, we receive e-mails when plans in PDF are posted to our extranet.

Reviewers can comment electronically using engineering mark-up tools in Acrobat such as redlining, clouding, and notes. All feedback is merged into a single file and the submitting engineer is notified by e-mail that the edited plan is available. Digital signatures are used to approve documents to create legally binding plans ready for archiving. The result is improved team relationships, reduced cost and streamlined processes all around.

Start date Spring 2004

Completion date Spring 2006



Palomar Energy Project

DISTINGUISHED PROJECT AWARD

Category: **Utilities**



Santan Expansion Project

Salt River Project

State-of-the-art environmental controls, use of emissions offsets, extensive noise mitigation and aesthetic impact measures allowed SRP to successfully retrofit four existing combined-cycle units and construct two new ones, thereby adding plant capacity of 76 MWs to the old units and 825 MWs for the new units.

This work was performed while successfully blending into the surrounding community. One of the significant lessons learned from the California electricity debacle was that a shortage of generation has a negative effect on everyone. Neighboring states, including Arizona, learned by watching California that they did not want to ignore the need for new generation. Also, east valley residents of metropolitan Phoenix had concerns about Salt River Project's (SRP's) plan to expand its existing Santan plant in Gilbert, Az., with the retrofit of existing units and addition of two new units at the site.

SRP understood both the sensitivity and importance of adding new generation facilities to support their ever-increasing customer base. Therefore, through diligent efforts

by SRP, the Arizona Corporation Commission and local residents, Santan's four existing combined-cycle units were successfully retrofitted. One new combined-cycle unit has been completed and one is nearing completion. Furthermore, this was accomplished using extensive state-of-the-art environmental controls and other measures to mitigate noise and visual impact, having minimal effect on the surrounding community. SRP worked closely with the community and went to great lengths to make the power plant minimally visible to its neighbors by reducing the plant's profile by upwards of 60 feet!

Cost
\$540 million

Start date
2002

Completion date
March 2006

Designer
Sargent & Lundy

Owner
Salt River Project

Constructors
GE Turbines, TIC Mech & Elect, Kiewit Subcontractors

DISTINGUISHED PROJECT AWARD

Category: **Buildings**



Whitney High School, Rocklin, CA

The campus is organized so that the student support services center and the library are located around the main outdoor common space which fosters the community life of the school. The support services center brings together programs that encourage interaction including counseling, guidance, dining and informal and formal gather facilities. As people interact with one another and work together, they develop the qualities of compassion, leadership and socialization. The physical surroundings will play a big part in helping to teach these students compassion and concern for those around them. These skills are invaluable in everyday life as well as in the business world.

Cost \$64 million	Designer Rainforth Grau Architects
Start date April 29 2004	Owner Rocklin Unified School District
Completion date January 2006	Construction Management Roebbelen Construction Management Services, Inc.

Roebbelen Contracting, Inc.

This state of the art facility represents the latest in educational facilities. From the library to the athletic facilities to the classrooms, students have the most advanced technology available. With today's students lacking in technology and science proficiency, these students will be proficient in all the latest advances a school can offer, making them competitive in today's world.

The school's design provides a contemporary, inviting and comfortable atmosphere for students and staff. The results of a study conducted by the Heschong-Mahone group, prove that a student's environment enhances learning and may improve test results. This school showcases the latest advancements in learning environment studies to produce an exceptional learning climate.

DISTINGUISHED PROJECT AWARD

Category: Casinos

San Manuel Indian Bingo and Casino

The design challenge was to create a simple, comfortable and inviting gaming environment that would complement the surrounding area and provide enough flexibility to accommodate change. SMBMI required a casino space for 2,000 slot machines and a bingo/concert hall for 2,000 to 3,000 patrons.

As an extremely challenging project, the site was bordered by the fault line, flood control channel, and a residential neighborhood. A high-pressure water line serving all of San Bernardino crossed diagonally through the site. Because of the complicated nature of the site, the building was designed to maximize the available building area with limited possibilities for future expansion.

The middle level is the main gaming level and has the majority of the 2,000 slot machines and all the table games. A high limit area was provided with its own hospitality area. The casino was also designed with provisions for Off-Track Betting and includes a Poker Salon. This main level accommodates valet parking. Food and beverage areas include the 24-hour Buffet, Sport Bar, the Center Bar and a small Entertainment Lounge. The upper level contains the 2,000-person bingo/concert hall, a bar and the remainder of the slot machines. The bingo hall is an important part of the history of the tribe's success. It is designed with a



San Manuel Indian Bingo and Casino

clear span of 110 feet wide and can accommodate concerts and boxing matches as well as daily bingo games.

Start date November 2003	Owner San Manuel Band of Mission Indians
Completion date December 2004	Construction Management SMBMI
Architect Wimberly, Allison, Tong and Goo	Contractor Perini Building Company

DISTINGUISHED PROJECT AWARD

Category: Industrial Process/Manufacturing



Marathon Robinson Refinery GDU Project

Fluor Corporation

This project is part of Marathon's Clean Fuels Program at the Robinson Refinery, located in the state of Illinois. The Gasoline Desulfurization Unit (GDU) Project added a new process unit to remove sulfur from various gasoline blend stock streams. The project utilized Axens Prime G + process technology for the removal of sulfur from gasoline to meet the EPA requirements for sulfur in gasoline. The GDU unit consists of a two reactor selective hydrogenation train and a two reactor hydrodesulfurization train along

with a large 210' tall naphtha splitter and associated heat exchangers, vessels, pumps, compressors and equipment. Portions of the unit required Chrome-Molly and Stainless steel metallurgy, significant flexibility for thermal expansion and significant winterization and insulation was required throughout the unit. The process control is highly automated via an advanced DCS control system. Other new facilities included a new electrical substation, a new 2500 sq. ft. operator building and a new 3000 sq. ft. maintenance warehouse.

Our proposal was tendered against a very aggressive slate of bidders and was awarded to Fluor on June 6, 2003. Upon award, the proposed project execution plan was refined in a series of alignment meetings, between Fluor, Fluor's Mexico City workshare engineering office "ICAFluor", Marathon and local construction contractors.

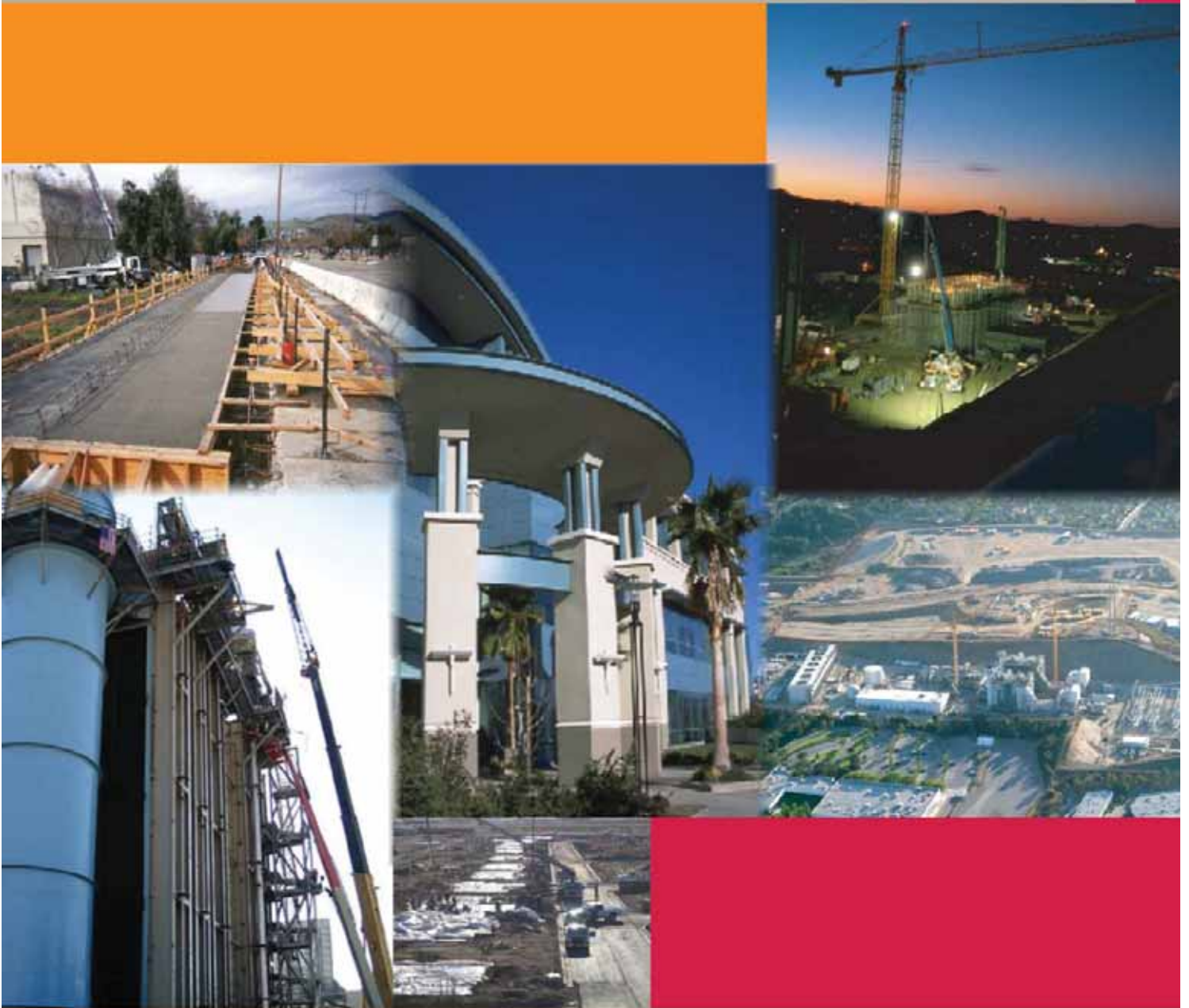
The foremost important project objective was to complete the project with a world class safety record. Marathon additionally required the incorporation of their ergonomic and safety design specification providing for an extremely safe plant to operate and maintain.

Completion date March 04 2005

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Torrance, Refinery Selenium Reduction Project

ExxonMobil Jacobs Engineering Group, Inc.

ExxonMobil and Jacobs worked together to design and construct a new Selenium Reduction Plant at the ExxonMobil refinery in Torrance, California. The first plant of its kind in Southern California, this new facility incorporated a process design initially implemented at another refinery in Northern California. ExxonMobil is the first refinery in the Los Angeles basin to incorporate a Selenium Reduction plant into its production process.

The intent of the project was to limit the amount of Selenium that was discharged from the refinery's wastewater stream to the Los Angeles County Sanitation District. The main process involves the precipitation of Selenium solids from the waste stream through the addi-



tion of various chemicals, and settling the solids through atmospheric clarifying and thickening tanks and mechanisms.

Through its Continuing Services Agreement with ExxonMobil, Jacobs worked closely with refinery and ExxonMobil Research and Engineering personnel to fully execute this project from development through commissioning and start-up.

In order to facilitate this fast-track project, ExxonMobil elected to engage Jacobs in an engineering, procurement, and construction (EPC) capacity, where Jacobs provided full services. At the peak of construction, the project had over 120 craftspersons working together in various capacities to meet the project's schedule objectives.

Cost \$21 million	Designer ExxonMobil-Process Jacobs Engineering Group, Inc
Start date November 15 2004	Owner ExxonMobil Oil Corporation
Completion date October 15 2005	Constructor Jacobs Field Services



Caltrans District 7 HQ



San Manuel Indian
Bingo & Casino



UCLA Westwood
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EXCEPTIONAL AWARD WINNER

Category: **Buildings**

ABS Consulting, Inc.

The City of Rancho Cucamonga Police Station was an existing two-story, 20,691-square-foot facility that was originally designed in 1987 and constructed in 1988. The expansion and renovation project consisted of adding a 9,875-square-foot third floor to the facility with seismic retrofit and architectural renovation of the existing first two floors.



Before View of Police Station

Cost
\$5.6 million

Start date
June 02 2003

Completion date
January 24 2005

Architect
Williams Chiao Consulting

Owner
City of Rancho Cucamonga

Constructor
Perera Construction & Design, Inc.



View During Construction



Completed City of Rancho Cucamonga Police Station

ABS Consulting team was selected by the City to perform design and manage the construction of this project envisioned as a simple expansion project. The ABS Consulting team was selected for two prime reasons. First, it was led by a structural engineering firm, and second, that same lead firm was also a program and construction management firm.



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Marathon Robinson GDU Project

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