

K. DIRK BONDY

Structural Engineer

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Dirk Bondy has been a practicing engineer since 1989. His professional interest and expertise is in the area of post-tensioned and reinforced concrete, steel, seismic design, seismic retrofit and vertical load retrofit. In addition to his structural design experience, Mr. Bondy currently teaches Prestressed Concrete Design at the University of California at Los Angeles in the Spring Quarter, and has been an instructor at the University of California, Irvine and California Polytechnic State University, Pomona where he taught courses on Pre-stressed Concrete Design, Reinforced Concrete Design, Steel Design, Structural Design and Seismic Design. He has also been published in numerous journals and conference proceedings. He is a registered Civil and Structural Engineer in the states of California, Nevada, Hawaii and Arizona as well as a licensed C50 contractor in the state of California.

BORN

April 6, 1965 in Burbank, CA

EDUCATION

California Polytechnic State University, San Luis Obispo, BS, Architectural Engineering, 1988
University of California, Berkeley, MS, Civil: Structural Engineering, 1989

UNIVERSITY LECTURING EXPERIENCE

University of California, Los Angeles

CEE 143 Prestressed Concrete Design; Spring Quarter 2011

California Polytechnic State University, Pomona

EGR 522 Advanced Concrete Design; Fall Quarter 1992, 1993, 1994, 1995

EGR 517 Advanced Steel Design; Winter Quarter 1993, 1994, 1995

EGR 566 Aseismic Design; Spring Quarter 1994, 1995, 1996

EGR 523 Prestressed Concrete Design; Summer Quarter 1994, 1995

University of California, Irvine

CE 154 Reinforced Concrete Design; Fall Quarter 1996, 1997

CE 156 Structural Design; Spring 1996, 1997

PROFESSIONAL PRACTICE

1989-1996

Structural Designer and Project Structural Engineer

Robert Englekirk, Inc.

Irvine, CA

Learned the fundamentals and practice of reinforced concrete, post-tensioned concrete, structural steel and wood design and construction. Was responsible for the design of many in-house computer spreadsheets for the design of various steel and concrete elements, as well as teaching in-house seminars and preparing many design standards.

1996-Present

President

Seneca Structural Engineering, Inc.

Laguna Hills, CA

Provides structural engineering design and consulting services primarily in the area of post-tensioned concrete buildings including parking structures, office buildings, retail buildings, residential buildings (apartments, condominiums and assisted living facilities) and residential slabs-on-ground. Consultant to numerous engineering firms in the design of post-tensioned concrete structures.

2002-Present

President

The Great American Cable Company II, Inc.

Laguna Hills, CA

A contracting firm specializing in the repair, strengthening and retrofit of existing concrete buildings using externally applied post-tensioning tendons.

PROJECTS

Mr. Bondy is the engineer of record on many diverse projects totaling millions of square feet, including:

Parking Structures

Howard Hughes Entertainment Center 5, 6A, 6B & 7, Los Angeles

Univision Parking Structure, Los Angeles

Opus Sierra Point, Brisbane

Classic Chevrolet Dealership, Anaheim

Hawthorne Chevrolet Dealership, Hawthorne

Royal Laundry, Pasadena

County Wide Jeep, Garden Grove

St. Agnes Parking Structure, Fresno

Treasure Island, Laguna Beach

Southwestern College Parking Structure, National City

12th and Crocker, Los Angeles

Maple and Pico, Los Angeles

777 12th Street, Los Angeles

8507 Melrose Ave., Hollywood

Pinnacle at Orange, Orange

Main and Jamboree, Irvine

Warner Center Parking Structures A and B, Thousand Oaks

Vantis, Aliso Viejo

8006 Melrose Ave., – Los Angeles

Maple Pico – Los Angeles

Melrose La Jolla Ave. – Hollywood

NorthPointe A and B – San Bernardino

Corporate Pointe Parking Structure – West Hills

Empire Towers – Ontario

Commerce Place Parking Structure – Commerce

8152 Melrose Ave., Los Angeles
Olen Pointe IV, Brea
Block 600, Newport Beach
Raincross Parking Structure – Riverside
Calypso Parking Structure, Irvine
Canyon Hills Community Church, Carlsbad
Mariners Church Parking Structure, Irvine
Archstone Gateway A, Anaheim
Archstone Gateway B, Fullerton
Culver Studios, Culver City
Sony Studios, Culver City
Avalon Canoga Park Apartments, Canoga Park
Avalon Jamboree Village Apartments, Irvine
The Vue Parking Structure, San Pedro
Rusnak BMW Showroom and Parking Structure, Thousand Oaks
Mt. St. Mary's College, Los Angeles
Monrovia Block 700, Monrovia
Mercury Insurance Parking Structure, Brea
MTA Bauchet Street Storage and Facilities Maintenance, Los Angeles
Midtown Crossing, Los Angeles
Avalon Jamboree Village II, Irvine
Main and MacArthur Parking Structure, Santa Ana
Centria Apartments Parking Structure, Milpitas

Hotels

Embassy Suites, Palmdale
Embassy Suites, Ontario
Candlewood Suites, Anaheim
Hilton Garden Inn, Oxnard
Marriott Residence Inn, Burbank
Meadow Stone Lodge, Kirkwood

Mixed-Use / Podium Structures

Los Angeles Fashion Center, Los Angeles
Pinnacle at Fullerton, Fullerton (Retail, Residential, Parking)
City Pointe, Fullerton (Retail, Residential, Parking)
Ocean Village, Oceanside ((Retail, Residential, Parking)
L' Veneto, Palm Desert
Western Carlton Apartments, Los Angeles
Osage Senior Villas, Los Angeles
Wiberg Office Complex, Manhattan Beach
Madison Apartments, Pasadena
Mayfield Junior School, Pasadena
Almaden Apartments, San Jose
Pinnacle at Sierra Madre, Pasadena
Ocean Village Apartments, Oceanside
Pacific Station, Encinitas
Candlewood Suites, Anaheim

Adams Residence, Laguna Beach
NTC Office Building, El Cajon
Sartini Residence, Laguna Beach
Orgon Residence, Laguna Beach
The Burbank Apartments, Santa Rosa
Stadium Park Apartments, Anaheim
Delacey and Green Street, Pasadena
Broadway Village Apartments, Anaheim
Archstone Gateway C, Anaheim
Burbank Marriott, Burbank
Flamingo Town Center, Henderson Nevada
South El Monte Senior Apartments, El Monte
Abott Kinney Mixed Use, Marina Del Rey
Moran Asian Apartments, Westminster
Brack Residence, Corona Del Mar
Longs Drug Store, La Jolla
Chinatown Gateway, Los Angeles
Anaheim Crossing Apartments, Anaheim
St. Thomas Apostle School, Los Angeles
Pacific Station Apartments, Encinitas
University Housing CSUF, Fullerton
Lincoln Apartments, Anaheim
El Pedregal Apartments, San Ysidro
Lorena Apartments, Los Angeles
Red Star Apartments – Oakland
Luxe @ 375 – Los Angeles

Office Buildings

Rolling Oaks Building C, Thousand Oaks
Rolling Oaks Building A, Thousand Oaks
N.T.C., El Cajon
Citrus Office Tower, Riverside

Seismic Evaluation, PML Studies and Strengthening

80 South Lake Blvd., Pasadena
500 City Parkway West, Orange
Anaheim Palms Corporate Center, Anaheim
12301 Wilshire Boulevard, Los Angeles
Arrowhead Village Parking Structure, Lake Arrowhead
Hotel Zoso, Palm Springs
Hyatt at Fisherman's Wharf, San Francisco
Coronado II Parking Structure, Newport Beach

PROFESSIONAL AFFILIATIONS

Structural Engineers Association of Southern California, former Board Director
The Post-Tensioning Institute, former member of the Technical Activities Board
American Concrete Institute

PUBLICATIONS AND PRESENTATIONS

Bondy, K. Dirk & Allred, Bryan (2012). *Post-Tensioned Concrete – Principles and Practice*. United States. Lulu.

“Evaluation and Repair of Existing Post-Tensioned Buildings with Paper-Wrapped Tendons Experiencing Corrosion Damage”, PTI Journal, **Post-Tensioning Institute**, December 2006

“Externally Applied Post-Tensioning Systems”, **STRUCTURE Magazine**, July 2005

“A More Rational Approach to Capacity Design of Seismic Moment Frame Columns,” **Earthquake Spectra**, Vol. 12, No. 3, August 1996

“External Post-Tensioning of Concrete Structures”, **Seminar Proceedings, Tales from the Field**, Structural Engineer’s Association of Southern California, November 2008

“Long and Short Span External Post-Tensioned Concrete Retrofit”, paper presented at the Annual Convention of the **Post-Tensioning Institute**, May 17, 2005, Denver, Colorado.

“Fundamentals of Post-Tensioned Concrete”, paper presented at the Spring Seminar of the **Structural Engineers of Northern California**, March 31, 2004, San Francisco, California.

ALSO

Mr. Bondy is a licensed private pilot (single-engine, multi-engine and instrument ratings) with approximately 400 hours total pilot-in-command time.