

JOHN M. JACOBS

Professional Engineer

P.O. Box 847

Diablo, CA

94528

EDUCATION

BS, Civil Engineering, Santa Clara University, 1963

MS, Civil Engineering-Construction, Stanford University, 1964

Advanced Management College, Stanford University, 1984

Dispute Review Board Chairing Workshop, 2000

DRBF-Caltrans DRB Workshop, 2006, 2007

SUMMARY

45 years of progressively responsible management, engineering, estimating and consulting experience on heavy and highway construction.

Responsibilities have included management of the Heavy Construction

Division of Dillingham Construction North America. Domestic U.S. construction operations included 14 surface and open cut Transit Projects, 10 highway and bridge contracts (Caltrans and local), 15 TBM and conventional tunnels and shafts, 2 major hydroelectric projects, and 5 lock and dam contracts.

International construction responsibilities included a major urban underground transit project in Singapore, new highway construction in the Philippines, and a underground hydroelectric project in New Zealand.

EXPERIENCE

CONSULTANT

2000-2009

DRB member on the Southern Nevada Water Authority Lake Mead Intake No.2, Bernard Construction contractor, Intake No. 2 Connector Tunnel, Renda Pacific contractor, and on Intake No.3 Shafts and Tunnel, for Vegas Tunnel Constructors (Impregilo-Healy) contractor. (2008-current)

DRB member on the Pittsburgh, PA North Shore Connector Project, for the Port Authority of Allegheny Co., Obayashi/Trumbull JV (2007-current)

DRB member on the Atlanta CSO Constructors Tunnel & Pump Station Projects, Contracts A & B (2004-2008)

DRB member on the Sound Transit / Obayashi Corp. Central Link Light Rail, C710, Beacon Hill Project, Seattle, WA. (2004-current)

DRB member on the San Francisco 4th Street Bridge Contract 1990N, S.F Dept. of Public Works / MECO JV (2006-2007)

DRB member on the Caltrans / WOJV Riverside, CA Design Sequencing Construction Contract, Rt.215, 60, 91. (2004-2008)

DRB member on the Mitchell Engineering / Sacramento County Arden Parallel Force Main & tunnel, Contract 3706. (2005-2006)

DRB member on the Caltrans / Mitchell Engineering Placerville, CA Contract No. 03-3555U4 (2006-current).

DRB member on the contract for the CDOT Maintenance Facility, San Leandro, CA, Mitchell Engineering contractor (2006-2007).

DRB member on the City of Atlanta / Nancy Creek Constructors TBM Tunnel Contract (2003-2006).

Chairman of the DRB for the Big Sand Wash Reservoir Enlargement Contract on the Central Utah Project. W.W.Clyde contractor (2004-2006)

Chairman of the DRB for the design-build contract for the Central Utah Water Conservancy Upper Diamond Fork TBM Tunnel, Obayashi/W.W Clyde & Co. contractor. (2000-2004)

DRB member on the Boston Artery Project Construction Contract C17AA-McCourt/Obayashi JV (2000-2007)

Consultant for the owner (Caltrans) to review engineers estimate for Devil=s Slide Highway Tunnel in California. (2001)

Member of the sub-consultant=s Value Engineering Team in a Review of the planned at grade and underground transit system for Sound Transit in Seattle, WA. (2001)

Consultant to the owner=s engineer for the East Side Access Manhattan Long Island Railroad Tunnels in New York City. (2001-2002)

Member of the Fletcher-Dillingham-ILBAU Joint Venture Management Committee for the construction of the 2nd Manapouri Tailrace Tunnel in New Zealand.- 10,000 meters of 32 meter TBM tunnel. (1997-2000)

DILLINGHAM CONSTRUCTION CORPORATION

1982-1998

Executive VP, Dillingham Construction Holdings 1997-1998

Responsible for international and domestic underground operations throughout Dillingham Construction Corporation.

Director, Dillingham Construction Holdings, Inc., 1987-1995

President and CEO, Dillingham Construction N.A., Inc., 1989-1997

Responsible for management of the Heavy/Transportation, Commercial, and Industrial Construction Divisions.

President, Heavy Division. 1982-1989

Directed all domestic heavy construction operations, within the Dillingham Construction group of companies. During this period, had overall responsibility for over 25 heavy and transportation construction projects with a contract value of over \$1.4 billion plus the construction management of the \$3.5 billion Los Angeles Metro Rail project.

GORDON H. BALL, INC. (A DILLINGHAM COMPANY)

1969-1982

Executive Vice President, Vice President Operations.

Responsible for management of company's estimating and heavy civil construction operations

Project Manager; Chicago Tunnel and Reservoir Plan, Ogden to Addison, Chicago, Illinois. Manager of this \$85 million underground construction project, involving excavation of a 22,607 LF of 32 ft diameter TBM rock tunnel; 18 drop shafts of various sizes; and concrete lining throughout.

Project Manager; Auburn Dam Foundation, Auburn, California. Manager of this \$96.8 million dam foundation project that included the excavation of 10.5 million CY of unstable rock and earth, road construction, extensive grouting, rock bolting and other fault treatment operations including placement of 500,00cy of backfill concrete. Chairman of the Northern California AGC-Tunnel Laborers' Union Negotiating Committee.

Project Manager/Project Engineer; New Melones Diversion Tunnel, Jamestown, California. Directed construction of a drill and shoot diversion tunnel, concerning, and outlet works for the New Melones Dam Project. Responsible for contractor's engineering work throughout the project.

Engineer/Estimator. Preparation of bids for construction of underground, transit, highway, dam, and open cut excavation construction projects throughout the U.S.

PETER KIEWIT SONS' CO.

1964-1969

Project Engineer; Calumet Intercepting Sewer, Calumet, Illinois. Contractor's engineer for machine construction of 5 miles of soft ground tunnel, 17 shafts and open cut structures.

Office Engineer; BART Mission Street Subway Tunnel, San Francisco, California. Compressed Air Subway Tunnel with open cut crossover and vents shaft. Responsible for cost engineering, material and subcontract payments, job schedules, and monthly pay estimates.

Structures Engineer; Engineer/Estimator; Office Engineer. Responsible for falsework design and layout, general field control and miscellaneous field design for concrete box girder bridge construction. Assigned as Cost, Office & Structure's Engineer on three Cal Trans freeway construction projects in Sacramento and one in San Francisco California. Later assigned as Engineer/ Estimator in District Office for bids on structure, transit and highway projects.

CALIFORNIA DIVISION OF HIGHWAYS 1963

Junior Civil Engineer. Highway interchange project, Novato, CA

JACOBS ASSOCIATES 1962

Summer Engineer & Estimator Assistant.

PROFESSIONAL
ORGANIZATIONS

American Society of Civil Engineers, Life Fellow

The Beavers, Director 1998-2001

The Moles, Executive Committee 1995-1997

The Society of American Military Engineers

United States Committee on Large Dams

Rapid Excavation Conference, Exec. Committee, Past Chairman

Member, Disputes Review Board Foundation

LICENSES

Registered Civil Engineer, State of California, #19624

Registered Retired Safety Engineer, State of California, #0287

Registered Professional Engineer, State of Wisconsin, #3469

Registered Professional Engineer, State of Illinois, #62-27647

California General Engineering Contractors License #788074

CONTACT

Telephone: 925-314-9599

Fax: 925-314-9499

Cell 510-821-4444

E-mail: Jacobsconsult@gmail.com