

RESUME

ROBERT C. CASSANO, P.E.

EDUCATION

B.S., Civil Engineering, University of California, Berkeley, 1951

PROFESSIONAL EXPERIENCE

Self-Employment

1992 to Present

- Member Disputes Review Board for North Halawa Highway-Unit II in Hawaii
- Member Disputes Review Board for the North Halawa Viaduct in Hawaii
- Member Disputes Review Board for the Windward Viaduct in Hawaii
- Member Claims Review Board for the Market Street Interchange in Oregon
- Expert witness for construction litigation on the Grove Street Underpass in San Diego.
Employed by the law firm of Edwards, White & Sooy
- Chaired hearings for Caltrans to assess the qualifications of the low bidder on complex, high risk projects
- Technical Advisor for Caltrans Legal Division for litigation resulting from the collapse of the Arroyo Pasajero Bridge during a flood in March, 1995. (George Cory, Caltrans Legal Div.)
- Chairman-Independent team of international bridge engineers assembled to review the type selection for the Charles River Bridge in Boston
- Member of the Engineering Advisory Panel for a research project aimed at updating Caltrans' seismic design criteria (ATC-32)
- Specialized consulting for Imbsen and Associates. Assignments have included quality assurance and constructability reviews

Imbsen & Associates, Inc.

1987 to 1991

Project Manager on various transportation projects including the following:

- Construction management of two projects for the Southern Pacific Company in Tucson, AZ to build a new office building and a pedestrian bridge over a rail yard
- Investigate and develop plans to repair a railroad bridge that had serious construction flaws for Arizona DOT
- Routes 5/22/57 Interchange for OCTD-structure work
- Bacon Island Road Bridge for the County of San Joaquin, CA (swing span)
- NCHRP Project 12-34, Rewrite the AASHTO Construction Specifications for Highway Bridges
- Investigation of the constructability of the Lake Washington Floating Bridge approaches. This was done in connection with a major construction claim
- Peer review of plans and specifications for several Caltrans seismic retrofit projects following the Loma Prieta and Northridge earthquakes
- Design of Strawberry Creek Bridge, San Bernardino County, CA
- Design four replacement bridges in El Dorado County, CA
- Preliminary designs for various structures on SJHTC in Orange County, CA

Caltrans, Division of Structures

1951 to 1987

Chief, Division of Structures

1984 to 1987

Supervised about 700 engineers, architects and technicians engaged in the design and construction of bridges, buildings and other transportation structures. During this period the value of structure work let to contract was about \$300 million annually.

Chief, Office of Structure Design

1973 to 1984

Supervised about 400 engineers architects and drafters in the preparation of contract plans, specifications and estimates for bridges, buildings, retaining walls, sound barriers, tunnels and miscellaneous structures.

Other Assignments

1951 to 1973

Held positions of increasing responsibility starting as a Junior Civil Engineer and continuing through Supervising Bridge Engineer. Assignments included Resident Engineer, Project Design Engineer and various supervisory positions.

PROFESSIONAL SOCIETIES AND COMMITTEES***Dispute Review Board Foundation***

Member

AASHTO-Subcommittee on Bridges and Structures

Subcommittee Chairman from 2/85 to 5/87

Prior to February, 1985:

Chairman—Technical Committee for Concrete and Masonry Design

Vice Chairman—Technical Committee for Steel Design

Chairman—Technical Committee for Bridge Replacement Surveys & Inspection Stds.

Co- Chairman— AASHTO-AGC Liaison Committee

Member—Technical Committee for Welding

Member—Ad Hoc Committee on Truck Weights

American Society of Civil Engineers

Life Member

Past Chairman—Subcommittee on Safety and Reliability, Steel Bridge Committee

Transportation Research Board

Chairman—Committee on Concrete Bridges for 6 years

Chairman—Section C-Structures for 3 years

SIGNIFICANT AWARDS

AASHTO's Alfred E. Johnson Award for outstanding engineering achievement, 1985.

AASHTO's McDonald Award for superior leadership in initiating a project to develop a new load and resistance factor design specification for highway bridges, 1993.

REFERENCES

DRB ASSIGNMENTS

Mr. Raymond Dodson
Construction Consultant
447 Eleanor Drive
Woodside, CA 94062
Phone: 415-366-6658

Mr. Herbert Tateishi
Parsons Brinckerhoff
Pacific Tower, Suite 3000
1001 Bishop Street
Honolulu, HI 96813
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Mr. Howard Young
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597 E. 39th Place
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GENERAL

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