RESUME

Lowell C. Allen
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Retired Civil Engineer with substantial experience as District Bridge Construction Engineer and Resident Engineer, State of California. Partnering was practiced on all projects in this experience record. Most recent experience has been on Dispute Review Boards in Oregon and California.

Work experience

Member of Dispute Review Board 1997-1999
Willamette River Bridge Rehabilitation, Hawthorne Street, Portland, Multnomah County, Oregon.

Member of Dispute Review Board 1999-2000
Caltrans Project at Cushing Creek, Route 101, Del Norte County, California – Realignment

Member of Dispute Review Board 2000-2002Caltrans Project at Ridgewood Grade, Route 101, Mendocino County, California --Realignment

Member of Dispute Review Board 2001-2001
Caltrans Project at King City, Route 101, Monterey, California – Rehabilitate Roadway

Member of Dispute Review Board 2000-2001
Caltrans Project, Route 199, Del Norte County, California –Rehabilitate Roadway

Member of Dispute Review Board 2003-2005
Caltrans Project, Route 255, Humboldt County, California – Foundation Retrofit for Humboldt Bay Bridge.

Member of Dispute Review Board 2003 - 2005
Caltrans Project, Route 70, etc. BUT, PLU, LAS Counties, California – Retrofit and Paint Steel Bridges.

Member of Dispute Review Board 2005-Present
Caltrans Project, Route 101, Humboldt County, California –Replace Van Duzen River Bridge.

Independent Consultant-Caltrans 1991-1997

Contract Claims

Two Value Analysis Teams

Senior Bridge Engineer/Bridge Construction Engineer-Caltrans 1973-1990

Responsibilities Included:

Highway Districts one and four, including counties of Sonoma, Marin, Mendocino, Humboldt, Del Norte, Siskiyou, and Trinity.

Supervised staff of 15 Resident Engineers

Major widening and rehabilitation of steel girder, concrete box girder, and concrete slab bridges.

Interchange and Overcrossing Construction.

Prestress strengthening of steel girder bridges.

Earthquake retrofitting of all types of structures including placing of restrainer units, vertical hold downs, and isolation bearings under steel truss spans.

Cleaning and painting of steel bridges, including red lead recovery systems.

Strengthening of steel truss bridges.

Replacement of damaged steel and Concrete girders.

Pier shaft construction to 10 feet in diameter

Associate Bridge Engineer/Resident Engineer-Caltrans, 1955-1972

Responsibilities included:

Bridge and Highway Construction contracts for steel girder structures, post tensioned box girder structures, precast girder bridge over Humboldt Bay, and a suspension bridge over Klamath River.

Supervised staff of Assistant Bridge Engineers and resolved majority of contract claims prior to Claim Board review.

Marine construction of Humboldt Bay Bridges including erection of 150 foot precast girders, 54" pile installation, cofferdam construction, and site access dredging.

Streambed erection of steel girders, 15 feet in depth, including splice welding.

Freeway highway construction, including interchanges and overcrossings.

Prepared and presented training courses deck construction, post tensioning, and cofferdam construction.

Professional Affiliations

Registered California Civil Engineer, license No. C-9932
Life Member – American Society of Civil Engineers
Member – Disputes Review Board Foundation

Education

Bachelor of Science Degree from UC Berkeley, with major in Civil Engineering – 1951