
Charles Seim, PE, F.ASCE

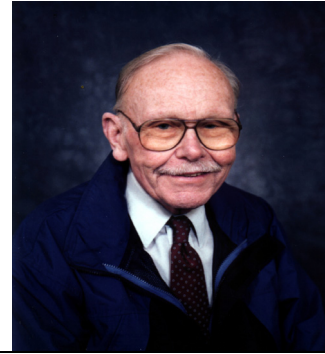
Consulting Bridge Engineer

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Mr. Seim started his professional career in 1954 with the State of California, later called Caltrans, as an engineer on the construction of the Richmond-San Rafael Bridge, a 21,000-foot long series of truss spans across San Francisco Bay. Before he left Caltrans in 1980 he advanced to Maintenance Engineer for all nine California State-Owned Toll Bridges. Mr. Seim then joined T. Y Lin International as a Vice President and Senior Bridge Engineer. He retired from T. Y. Lin International in June 2004 and established his own office as a consulting bridge engineer.

Some project highlights from his experience with TYLI include:

- *San Francisco-Oakland Bay Bridge East Bay Replacement Span, San Francisco, CA:* Project Advisor and Engineer for the 2.4-mile replacement for the eastern spans, which were damaged in the 1989 earthquake. The replacement structure contains a steel self-anchored suspension bridge and a segmental, precast concrete viaduct.
- *Golden Gate Bridge Seismic Retrofit Design of the suspension span, San Francisco, CA:* Project Manager directing a team for the seismic retrofit design, structural analysis, plan preparation, and the development of an historical preservation plan for the main span suspension bridge of this historic bridge.
- *Peer Review Panel for the Seismic Retrofit Design of six State-Owned Toll Bridges in CA:* Chair of the four-member Peer Review Panel set up by Caltrans to review the seismic retrofit design of six of the California State-Owned Toll Bridges.
- *Copper River Bridge, AK,* Project Advisor to the TYLI design team designing the salvaging, rehabilitating, and seismic retrofitting of an historic 1910 railroad truss bridge near Cordova, which was damaged and displaced with one end of the North end span collapsing into the Copper River in the 1964 Alaskan earthquake.

Mr. Seim is a Fellow in the American Society of Civil Engineers (ASCE), a past member of the Long Span Bridge Committee, and is currently an Associate Editor of the Journal of Bridge Engineering. He is a past member of the Transportation Research Board's (TRB) Committee on Steel Bridges. He is also a Member of the International Association of Bridge and Structural Engineers (IABSE); a Member of the American Concrete Institute (ACI); and a Member of the Structural Engineers Association of Northern California (SEAONC).

Mr. Seim is a registered Professional Engineer in California, Arizona, Oregon, Idaho, Colorado, and Louisiana.
