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Tim Ingham has over 21 years of experience in earthquake engineering for long-span bridges. With T.Y. Lin International, he has been involved in all phases of the design and management of bridge projects, including analysis, design, structural investigation, and seismic retrofit design. He also serves as a technical consultant on structural projects in his areas of special interest, which include structural dynamics, soil-structure interaction, and foundation design.

Dr. Ingham has participated in the seismic analysis and seismic retrofit design of some of the world's most renowned bridges. For the Golden Gate Bridge seismic and wind retrofit project, he directed the development of retrofit strategies for both the suspension span and the North Viaduct structure, and was also responsible for the plans, specifications, and estimates (PS&E) of the suspension bridge. For the new cable-stayed Arthur J. Ravenel Bridge in Charleston, South Carolina, opened to traffic in July of this year, Dr. Ingham performed a detailed review of the bridge foundations and pylons and also served as a member of the Seismic Resource Panel organized by the South Carolina Department of Transportation. He brings considerable seismic retrofit design experience with truss structures, having led the retrofit and rehabilitation of the historic collapsed Million Dollar Bridge in Alaska, in addition to serving as the lead analyst for the steel truss arch Aurora Avenue Bridge in Seattle, Washington.

Dr. Ingham received his Ph.D. in structural engineering from the University of California, Berkeley in 1982, and began working for T.Y. Lin International in 1988. He is currently serving as T.Y. Lin International's Project Manager for the seismic evaluation and conceptual retrofit design of the Verrazano Narrows Bridge in New York, the largest span in the Americas. Dr. Ingham is a member of the American Society of Civil Engineers and the Structural Engineers Association of Northern California.
