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Dr. Yen's professional experience includes: assistant civil engineer with Bureau of Residence and Urban Development in Taiwan, 1979-1980; civil engineer and senior civil engineer of Taiwan Power Company in Nuclear Power Division, 1980-1986; graduate research assistant of Virginia Transportation Research Council, 1987-1988; graduate research assistant of University of Virginia, 1988-1991; and highway engineer and research structural engineer of Federal Highway Administration. He received his Ph.D. in Applied Mechanics/Civil Engineering in 1992 and his master of civil engineering in 1998 from the University of Virginia, Charlottesville, and his diploma in civil engineering from the National Taipei Institute of Technology, Taipei, Taiwan in 1979.

The Turner-Fairbank Highway Research Center (TFHRC) is the primary research facility of Federal Highway Administration (FHWA). The center conducts highway research and development projects to solve problems facing transportation engineers today, and to build better road for tomorrow. Dr. Yen is part of the hazard mitigation team in the structures division. He has the technical responsibility for conducting earthquake engineering research related to highway construction. Currently, FHWA is cooperating with the Multidisciplinary Center for Earthquake Engineering Research (MCEER) to conduct a comprehensive seismic research program both in existing and new highway structures.

Dr. Yen has published many technical papers in the area of modal identification of bridge structures, non-destructive evaluation and testing, seismic design, shake-table test of bridge columns and bridge vibration tests.

Dr. Yen is the FHWA's representative to the National Earthquake Loss Reduction Program (NEP), and is a technical committee member of the National Seismic Conference on Highway and Bridges. He is member of the American Society of Civil Engineering, and a registered Professional Engineer in Virginia.
