Professor Mark D. Bowman  
School of Civil Engineering, Purdue University

PUBLISHED WORK

Book Chapters and Invited Contributions to Books


Articles in Refereed Archival Journals


Notes and Discussions in Refereed Archival Journals


Papers Under Preparation


Articles in Refereed Proceedings


**Reports**


Hassan, A.F. and Bowman, M.D. (1994). "Fatigue Strength of Girders with Tapered Cover


INVITED PRESENTATIONS

“Fatigue Performance of RBC Shafts,” Environmental Protection Agency, Teleconference on Rotating Biological Contactors, Broadcast to Albany, NY, Chicago, IL, Lansing, MI, Omaha, NE, and Cincinnati, OH, September 22, 1983.

“Modern Steel Design,” Annual Meeting, Indiana Section of the American Society of Civil Engineers, Indianapolis, IN, March 29, 1985.

“Structural Fatigue Failure,” Feng Chia University, Taichung, Taiwan, R.O.C., July 13-16, 1987.

“Fracture Critical Details for Steel Bridges,” County Bridge Conference, Highway Extension and Research Project for Indiana Counties and Cities, Purdue University, January 24, 1989.


“Structural Condition and Bridge Rating,” County Bridge Conference, Highway Extension and Research Project for Indiana Counties and Cities, Purdue University, January 30, 1992.


“Panel Discussion of the LRFD Method of Steel Design,” Ninth Annual Civil Engineering Professional Development Seminar, Purdue University, November 10, 1994.

“Repair Procedures for Cover Plates with Fatigue Cracks,” County Bridge Conference, Highway Extension and Research Project for Indiana Counties and Cities, Purdue University, February 2, 1995.

“Choosing Steel Framing Systems,” Lecture Series, American Institute of Steel Construction, Indianapolis, IN, August 22, 1996.

“Behavior of Diaphragms in Indiana Steel Highway Bridges,” County Bridge Conference, Highway Extension and Research Project for Indiana Counties and Cities, Purdue University, January 30, 1997.


“Post-Tensioned Steel Bridges,” Fifteenth Annual Civil Engineering Professional Development Seminar, Purdue University, November 2, 2000.


“All About Bridges,” Annual Spring Board Meeting of the Purdue Alumni Association, Purdue University, April 20, 2001.

“Reflections on a Structural Collapse,” Civil Engineering Student Advisory Council, Purdue University, March 1, 2002.


“Sign Structure Behavior and Inspection,” Road School, Purdue University, March 7, 2007.