Khaled Sennah, *Ph.D., P.E., FCSCE*

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Dr. Khaled Sennah, Professor of Structural Engineering at Ryerson University, Fellow of Canadian Society for Civil Engineering (CSCE), and Chair of CSCE Structures Division. He obtained his B.Sc. and M.Sc. degrees in civil engineering from Alexandria University of Egypt in 1985 and 1990, respectively, and his Ph.D. in structural engineering from University of Windsor in 1998. He joined Ryerson University as assistant professor in 1998, was promoted to full professor in 2008, served as the Associate chair for the undergraduate program from 2007 to 2011 and has been the Chair of the Civil Engineering Department since July 2011.

Dr. Sennah has 27 years of research, teaching and industrial experience in the area of structural engineering on which he has published more than 160 publications. His core area of expertise includes design, evaluation and rehabilitation of bridges. His research was recently recognized by receiving the 2002 state-of-the-art of Civil Engineering Award and the 1999 Arthur Wellington Prize from ASCE and the 1998 P. L. Pratley Award from CSCE for best journal papers in bridge engineering, in addition to four teach and research awards from Ryerson University and the 1998 Governor General's Gold Medal for academic excellence from University of Windsor. In June 2013, the A. B. Sanderson award was presented to Dr. Sennah as a member of the Canadian Society for Civil Engineering (CSCE) who has made particularly outstanding contributions to the development and practice of structural engineering in Canada.

In collaboration with Ontario Ministry of Transportation, his research team conducted innovative research on the development of: (i) prefabricated bridge elements and connection technologies to accelerate bridge construction, (ii) crashworthy and cost-effective, GFRP-reinforced, bridge barrier for sustainable construction, (iii) precast bridge barriers to accelerate bridge replacement, (iv) non-destructive test methods to detect voids in ducts and break or extensive corrosion of prestressing cables at the high points of post tensioned bridge decks without concrete and asphalt invasion, (v) reliable expression of limiting spans to accommodate temperature changes and truck load distribution in integral abutment bridges, and (vi) cost-effective and accelerated FRP repair strategy to bridge girders damaged by vehicle impact.

Dr. Sennah possesses an outstanding record of obtaining external research funding. He has been collaborating with numerous federal and provisional funding agencies and the private industry for the last 12 years. These research grants and contracts enabled his to train highly-qualified personnel. Currently, he is the sole supervisor of 4 Ryerson Master's student and 6 Ryerson Ph.D. students. He graduated 40 Master's students and 6 Ph.D. students. Given the fact that he excelled on expanding his research in areas other than bridges, he have the ability to search and redirect his attention to new research areas that benefit our students.