

**Dr. Allan M. Zarembski, P.E., Hon. Mbr. AREMA, FASME**  
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Dr. Zarembski is an internationally recognized authority in the fields of track and vehicle/track system analysis, railway component failure analysis, track strength, and maintenance planning. Dr. Zarembski is currently Professor and Director of the Railroad Engineering and Safety Program at the University of Delaware's Department of Civil and Environmental Engineering. Prior to that he was Vice President and General Manager of ZETA-TECH, an independent business unit of Harsco Rail. Prior to its acquisition by Harsco Corporation in September of 2007, ZETA-TECH was an independent railway technical consulting and applied technology company, established by Dr. Zarembski in 1984. Dr. Zarembski also served as Director of R&D for Pandrol Inc., Director of R&D for Speno Rail Services Co. and Manager, Track Research for the Association of American Railroads.

Dr. Zarembski has a PhD and M.A. in Civil Engineering from Princeton University, an M.S. in Engineering Mechanics and a B.S. in Aeronautics and Astronautics from New York University. He is a registered Professional Engineer in five states.

Dr. Zarembski is an Honorary Member of AREMA, a Life Member of ASCE and a Fellow of ASME. He served as Deputy Director of the Track Train Dynamics Program and was the recipient of the American Society of Mechanical Engineer's Rail Transportation Award in 1992 and the US Federal Railroad Administration's Special Act Award in 2001.

Dr. Zarembski has authored or co-authored over 180 technical papers, over 120 technical articles, and two books "The Art and Science of Rail Grinding" and "Tracking R&D" both published by Simmons Boardman Books.