Carl Berkowitz Ph.D., PE, AICP

www.transportationexpertwitness.com
cmberkowitz@hotmail.com
Phone: (631) 878-7419
Fax: (631) 207-8345

239 Lands End Court
Moriches, NY 11955

15296 Lake Wildflower Rd
Delray Beach, FL 33484

Transportation and Traffic Engineer:

Dr. Carl Berkowitz, Ph.D., PE, AICP has held various managerial and administrative positions in the transportation industry, government, private and academic sectors. He has extensive multi-modal experience in transportation; and has written and edited numerous reports, studies, and articles.

He is a Professional Engineer, and a member of the American Society of Civil Engineers (Fellow), Association of Pedestrian and Bicycle Professionals, Institute of Transportation Engineers, UK Charter Institute of Logistics and Transport, ASTM International, American Society of Safety Engineers, American Society of Transportation & Logistics, National Assn. of Railroad Safety Consultants and Investigators, American Institute of Certified Planners and APA, American National Standards Institute, American Public Transit Association, American Railway Engineering and Maintenance of Way Association.

He holds a Bachelor's Degree in Civil Engineering and an MBA in Industrial Management from The City College of New York, and a Master's and a Ph.D. in Transportation Planning and Engineering from Polytechnic University (NYU-Poly).

He was Distinguished Professor of Transportation and Director, Center for Intermodal Transportation Safety and Security (ITSS) at Florida Atlantic University, and Deputy Director, Florida University Consortium. Dr. Berkowitz was also Professor of Transportation and Aviation, Dowling College, National Aviation and Transportation Center and Adjunct and Visiting Professor at City University of New York.

Practice:

- Pedestrians, passengers and workers safety for all modes of transportation.
- ADA compliance, accessibility, slip, misstep, trip, fall, sudden stops and starts, level-ADA compliance, accessibility, slip, misstep, trip, fall, sudden stops and starts, level-of-way trespass, perception-reaction, and operator error.
- Safe walking for pedestrians and passengers (terminals, stations, bus stops, sidewalks, intersections, railroad crossings, parking facilities, escalators, elevators, ramps, people-movers and pathways.
- Geometric design, sight distance, speed-distance, safety and security, enforcement, collision avoidance, train-vehicle/train-pedestrian collisions, and control devices.
- Operator mistakes, fatigue, human input/output and control, environment, distractions, and perception-reaction.
- Training (rules, regulations, and standard operating procedures), best practices, national standards and guidelines.
- Visibility, conspicuity, information, control devices, pavement markings. and Manual on Uniform Traffic Control Devices
- Hazard analysis, system safety, cause-consequence, and safety assessment.
- FELA and OSHA workplace safety and security.