



Carl Berkowitz Ph.D., PE, AICP

www.transportationexpertwitness.com

cberkowitz@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 Professionals, APICS, American Society of Mechanical Engineers, American Traffic Safety Service Assn., Biomechanical Engineering Society, Institute of Electrical and Electronic Engineers, Human Factors and Ergonomics Society, National Assn. of Railroad Safety Consultants and Investigators, American Institute of Certified Planners and APA, American National Standards Institute, American Public Transit Association, National Fire Protection Association, and the 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:

- Pedestrian, passenger and worker 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 time, and operator error.
- Safe walking for pedestrians and passengers (terminals, stations, bus stops, sidewalks, crosswalks, intersections, jetways, 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, pedestrian-vehicle collisions and control devices.
- Vehicle Operator mistakes, human factors, fatigue, human input/output and control, environment, distractions, and perception-reaction-time.
- Training (rules, regulations, and standard operating procedures), best practices, national standards of care and guidelines.
- Visibility, conspicuity, information, control devices, pavement markings. Manual on Uniform Traffic Control Devices, Geometric Design of Highways and Streets.
- Hazard analysis, system safety, cause-consequence, and safety assessment.
- FELA, OSHA, and Jones Act workplace safety, workzone safety, and security.
- Biomechanics and musculoskeletal injuries.
- Transportation of the elderly, handicapped, and mentally disabled.