



KEN A ILIADIS
SENIOR SCIENTIST
TRANSPORTATION GROUP

BSc, Physics, 1994
Licensed Professional Physicist

Ken Iliadis conducts technical investigations for motor vehicle accident reconstruction files. Mr. Iliadis has conducted over 700 investigations in his 14 years as a forensic scientist including severity assessment, collision sequence, seat belt use and effectiveness, vehicle crush and dynamics analysis, pedestrian impacts and visibility, computer simulation and photogrammetric analysis.

Areas of Specialization

- Complex Collisions
- Simulations/Animations
- Road Design
- Pedestrians/Bicycles
- Occupant Kinematics

Professional Affiliations

MEA staff are members of various professional organizations. A current listing can be found on our website www.meaforensic.com.

Select Publications

Mr. Iliadis has conducted and published research into the utilization of data from automotive "black box" crash data recorders.

Correia JT, Iliadis KA, McCarron ES, Smolej MA, (2001) Utilizing Data From Automotive Event Data Recorders, Proceedings of the Canadian Multidisciplinary Road Safety Conference XII, (2001) London, Ontario

Major Projects:

Involved in a nation-wide study on the effectiveness of first-generation airbags, comparing crash severity versus occupant injury. A direct result of this research was the depowering of airbags by manufacturers (second-generation airbags), leading to a significant decrease in injuries and deaths due to overly aggressive airbag deployments.

Completed a study evaluating the effectiveness of modern roundabout intersections when compared to contemporary intersections, relating to safety and traffic flow. The study included a detailed assessment of the Coe Hill roundabout in Toronto, ON.

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