



MARK HILL

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Senior Consultant
Investigations Group

Mark Hill is a Senior Consultant in the Investigations Group at TRL, specialising in road accident reconstruction and providing consultancy advice. He is a member of the Chartered Society of Forensic Sciences, an Advanced Automotive Engineer, and is a full member of the Institute of the Motor Industry. He also holds the Licentiatehip of the City and Guilds of London Institute in Traffic Accident Investigation.

Mark has been awarded a Master of Science degree with distinction in the subject of Collision Investigation at Teesside University; his studies focused on risk homeostasis, driver attitudes to vehicle safety features and their driving manner. He regularly presents to professional audiences on the subject of human factors associated with the road user environment as well as physiological and cognitive processes, such as in pedal error events, also in how road users view the driven environment, both in their capability and the limitations.

Mark served as a police officer for 30 years during which time he worked as a Forensic Collision Investigator and Traffic Officer. He was involved in numerous collision investigations across the entire spectrum of transport modes and has completed formal training in collision investigation. He has also completed training in motor vehicle examination, electronic stability systems, forensic tyre and bulb examination, investigation of pedestrian and bicyclist collisions, and to an advanced level in vehicle fire investigation. He is also trained and is conversant in the use of Total Station Theodolite surveying equipment, laser scanning, collision reconstruction and animation software, CAD plan production and CCTV analysis.

Mark has driving licence categories including motorcycle and large goods vehicles and holds police class one driving certificates for cars and motorcycles; he also has a keen interest in cycling and an understanding of race tactics and riding skills, having competed in road racing events previously.

Mark's knowledge of the French language has assisted with his investigations of events involving British subjects whilst abroad; his findings having been delivered within both Coroners' Inquests and to the Judiciary.

Mark is an experienced expert witness, having prepared written expert reconstruction reports for the Court and has a substantial level of court experience, at all judicial levels. He has also appeared as the Court appointed Joint Expert witness in Magistrate's and Crown Courts as well as giving evidence in the high-profile fatal accident inquiry involving the Glasgow bin lorry.

Notable recent casework:

2023 Unintended acceleration trial: Australia

Mark was instructed in a fatal collision incident to determine whether unintended acceleration might have been a factor. His report was accepted in full and conceded by the prosecution, who then offered a lesser charge.

2022 Rail network accident: United Kingdom

Mark was instructed to explore the human factors associated with a serious injury incident in which visual capability and cognitive response were at the heart of the case.