

SPECIALISTS IN THE ANALYSIS OF ROAD TRAFFIC COLLISIONS

Providing tailored solutions for the investigation
of incidents involving road users of all types

ANALYSIS

FCIR
EXPERTS IN
COLLISION
INVESTIGATION

Helping those involved
in road traffic matters
discover the facts

“

I instructed FCIR to deal with a matter involving the movements of a large goods vehicle and a pedestrian. Matters of this type critically centre around the view afforded to drivers in their mirrors and when and where they should be looking at any given time. FCIR were able to analyse this information, produce detailed yet easy to understand plans that demonstrated with no doubt that my client drove in a manner that was safe, considerate and professional. FCIR are highly skilled, clinical in their approach and are Experts in their field without any doubt whatsoever.

Ron Ruston, Partner, Kennedys

”

Find out how we can help you: www.FCIR.co.uk

EXPERTISE

OUR
EXPERT
SOLUTIONS



COMPLETE ANALYSIS
INTO THE CIRCUMSTANCES OF AN INCIDENT



ALL FCIR'S COLLISION INVESTIGATORS
ARE QUALIFIED VEHICLE EXAMINERS



ALL EXPERTS FOR FCIR ARE EXPERIENCED
IN WRITING EXPERT REPORTS AND PRODUCING EXHIBITS FOR ALL COURTS

COLLISION RECONSTRUCTION

Road traffic incidents, accidents and collisions often have tragic consequences.

It is essential to understand, in detail, the events surrounding the collision. FCIR are specialists in the analysis of the circumstances of road traffic incidents. We are regularly instructed in high value Catastrophic Loss Civil proceedings, on both the Claimant's and Defendant's sides as well as receiving Single Joint Expert instructions.

VEHICLE EXAMINATIONS

FCIR combine knowledge of both vehicle condition and the collision dynamics.

Whilst there may be a defect to a vehicle, it requires knowledge of both the vehicle and the collision to state if these were contributory to a collision.

Understanding the damage profile of a vehicle can allow for an analysis of vehicle speed and orientation at impact.

EXPERT WITNESS

All experts for FCIR are experienced in writing expert reports and producing exhibits for all Courts.

We are conversant with Civil and Criminal Procedure Rules and routinely provide live evidence in Court.

FCIR are often instructed in cases of Causing Death by Dangerous Driving, Murders, Causing Serious Injury by Dangerous driving and the Careless Driving counterparts. We are also regularly instructed in multi-million-pound litigations and are routinely praised for the level of detail included in our analyses.

To find out more about our services visit: www.FCIR.co.uk



INSPECTION

OUR
FORENSIC
TOOLS

RECONSTRUCTION REPORTS

Detailed analysis reports in a Court-ready format.

VEHICLE EXAMINATIONS

Mechanical road worthiness examinations, damage analysis and component failure examinations.

3D LASER SCANNING AND MODELLING

State of the art equipment producing millimetre accurate 3D virtual environments.

3D SIMULATION

Realistic simulation videos of collisions and crash scenes.

INCIDENT DATA RECORDER/AIRBAG CONTROL MODULE ANALYSIS

Interrogating 'Black Box' data on vehicles.

LIGHTBULB AND COMPONENT ANALYSIS

Establish if lights were on or off and whether components failed prior to a collision.

LOCUS VISITS WITH PHOTOGRAPHS AND VIDEOS

Full locus visits with photograph albums and 'drive-through' videos.

ANSWERING SPECIFIC QUESTIONS

When a full report is not required questions like "how fast was the car travelling?" can be answered.

CCTV ANALYSIS

Video footage of all types analysed for vehicle speed and position.

VERIFICATION OF REPORTS

A critique of reports written by others.

To find out more about our services visit: www.FCIR.co.uk

CASE STUDY

CCTV ACCIDENT RECONSTRUCTION

DETAILED CCTV ANALYSIS OBTAINING A VEHICLE SPEED

MS v KN

FCIR were instructed in a civil matter, representing a pedestrian and her children who were seriously injured as a result of being struck by a car. As part of the criminal proceedings the Police had calculated the approach speed of the car as being in the region of 50mph within a 30mph limit, a speed which was claimed as being unachievable by the Defendant's expert. Not only did FCIR disprove the Defence case, they were able to calculate the true speed of the vehicle as being in excess of 70mph.

FCIR were called upon for their expertise within the field of CCTV analysis. It was apparent that the vehicle was braking heavily prior to impact as evidenced by the relatively small amount of damage on the vehicle. For that reason, obtaining the speed as early as possible within the field of view of the camera was essential. Whilst the Police and other forensic providers had only been able to use their techniques half way through the footage, obtaining a speed of 50mph FCIR were able to use their techniques to obtain a speed in excess of 70mph at the extreme limits of the CCTV camera's field of view.



“

FCIR are very thorough and reactive. An impressive team.

Jill Greenfield, Partner – Head of Serious Injury Sector – Fieldfisher

”

WHO WE HELP

SOME OF OUR CLIENTS

fieldfisher

P L E X U S



Eldon



BLM



irwinmitchell

“

FCIR excel in providing detailed, inciteful, informative, technically superior accident reconstruction expert evidence. I instructed FCIR to investigate an accident in which a motorcyclist was catastrophically injured. FCIR provided an outstanding report, identifying the various contributing causes of the accident, from a painstaking analysis of CCTV, witness and forensic evidence. The FCIR expert gave compelling oral evidence at trial, under fierce cross examination.

Tim Short, Partner, Plexus Law


”

CONTACT US TO DISCUSS YOUR INDIVIDUAL NEEDS

 020 3004 4180

 office@FCIR.co.uk

 www.FCIR.co.uk

 Suite 134,
Capital Business Centre,
Carlton Road,
South Croydon,
Surrey, CR2 0BS

FCIR
FORENSIC COLLISION
INVESTIGATION &
RECONSTRUCTION LTD