



#### ROAD DEATHS INVESTIGATION IMPLICATIONS FOR HIGHWAYS 12<sup>th</sup> May 2008 Presented by: Mark Lamb PS 12324 Cert Ed., Eng Tech., M.I.R.T.E., M.I H. T., M.S.O.E., L.C.G.I., C.A.E., M.I.M.I., M.I.T.A.I. Senior Forensic Collision Investigator

# THE ROLE OF THE POLICE

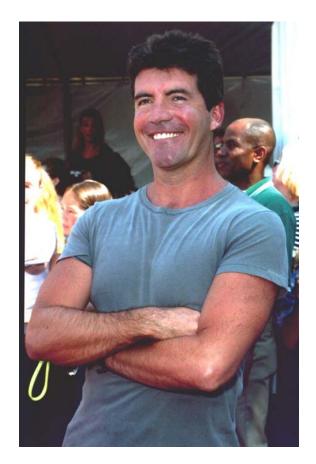
As a stake holder charged with:

- Roads policing with the aim of reducing casualties, enforcing the law & combating anti - social driving.
- 2. The primary body for the investigation of serious collisions and principally road deaths



## **HEALTH WARNING**

# This presentation contains images or information which some may find distressing





# DEFINITION

Rare & random MULTI FACTOR event in which one or more road users fails to cope with their ENVIRONMENT

- Traditionally fatal road deaths investigations centred around the driver
- Inevitably as the breadth and depth of police investigations increases so they have come to examine in far greater depth the potential influences the highways conditions may have contributed



### THREE KEY ELEMENTS

Q.V

95%







# HAVE THE RULES OF ENGAGEMENT CHANGED? THE SIMPLE ANSWER IS - YES

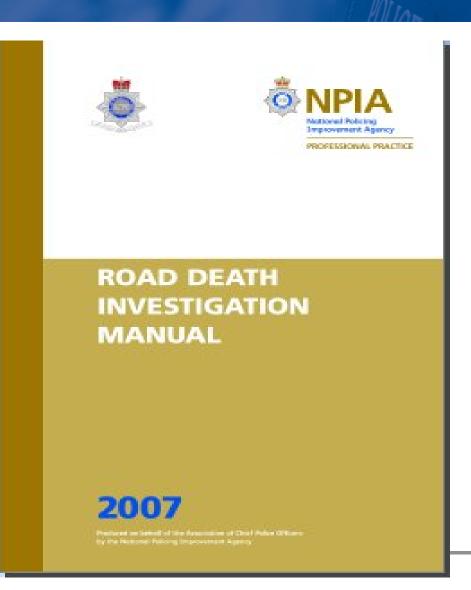
There were three fundamental reasons for this:

- 1. Legislation (ECHR)
- 2. A review in the way police responded to, and treated, the investigation of road deaths (RDIM)
- 3. The Corporate Manslaughter & Corporate Homicide Act 2007



# **ROAD DEATHS INVESTIGATION MANUAL**

- Introduced in 2000
- New version out now
- 14 Sections
- 22 Additional documents/Appendices





# **POTENTIAL OFFENCES**

- 1. MANSLAUGHTER (Individual)
- 2. CORPORATE MANSLAUGHTER (NEW)
- **3. HEALTH & SAFETY AT WORK ACT.**
- 4. HIGHWAYS ACT
- 5. ROAD TRAFFIC ACT 1988.



# **CONTRIBUTORY?**

- Fatting up
- Rutting
- Potholes
- Flooding/drainage issues





### HIGH FRICTION – CAN A SAFE ROAD SURFACE BE HAZARDOUS/CONTRIBUTORY?

- Looks & performs great new
- What happens when half wears away and you are causing an imbalance in braking effect across axles by 40+%!
- What happens when the motorcycle or LGV leaves this surface onto one that support 25% less lateral acceleration?
- How often are you prepared to 'refresh / renew' this surfacing?









# **AREAS UNDER INVESTIGATION**

- Defects in the wearing course.
- Road surface condition Rutting or channelling
- Standing water due to design, maintenance or drainage issues
- Missing, worn or incorrect carriageway markings.

- Overbanding
  - Non compliance with accepted design standards HD19/03 on HA roads or county standards.
  - Prior knowledge of collisions at a site
  - Winter maintenance schedules

IS IT AN ISOLATED INCIDENT OR ARE THERE SYSTEMIC FAILURES

# SO WHAT HAPPENS WHEN IT DOES GO WRONG



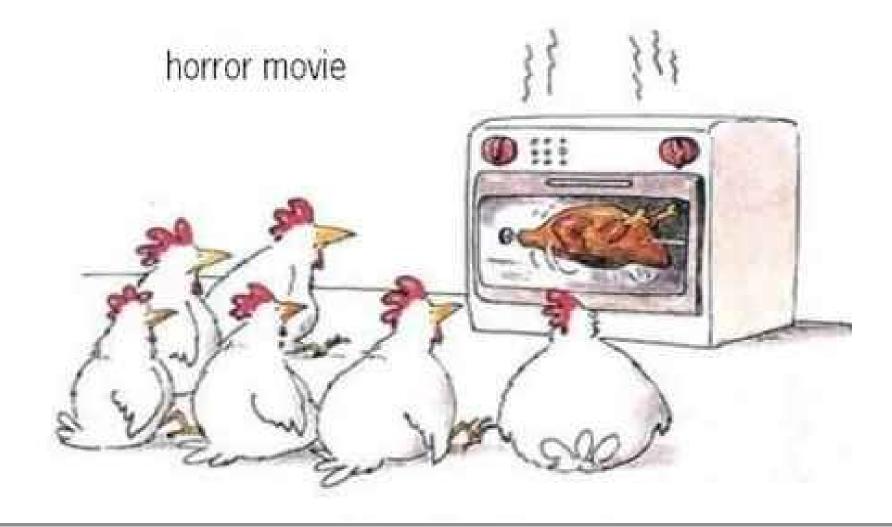
### - WE POP AROUND FOR A CHAT







# SO WHAT'S LIKE BEING INVESTIGATED?





#### SOME OF WHAT WE'LL WANT ...... AND THE IDENTITY OF THE ACCOUNTABLE MANAGER!

- Background as to the work's priority and inclusion on a maintenance or resurfacing programme (scheme lists, committee approval, criteria used for prioritising sites
- Highway Maintenance Plan & associated maintenance policies
- Tender documents and/or specification for the works
  Surfacing policy & associated procedural documents
- Skid Resistance policy & associated procedural documents
- Safety Inspection policy & associated procedural documents
- Details of any preparation work at the location prior to the resurfacing (e.g., patching / haunching)
- Details of any site-specific information given to the contractor regarding methods/equipment to be adopted, operational restrictions, timing of works.

# CONSEQUENCES

### ARRESTS!!!!!!!

- Dawn raids (our dawn NOT yours) for computers, documents – search warrants - SECTION 8 PACE!!
- Early cries of 'MURDER' or 'MANSLAUGHTER'
- Lack of good auditing/absence of documentation could be interpreted as "what are you hiding?"
- Homes as well as offices.
- Seizure of files, records, minutes of meetings, computers etc
- Forensic testing of documentation (don't 'update' records, we'll know!)





WE CAN AFFORD SOME EXPENSIVE EXPERT ASSISTANCE

# CONSEQUENCES

- ✓ Joint/parallel investigations with the HSE
- Downloads of e-mails
- Downloads of mobile phones, PDA's, 'Blackberrys' including all those <u>romantic messages and pictures</u> you thought you had deleted!!
- In-depth interviewing by trained officers under caution, audio and video taped.
- Being released ON POLICE BAIL while further enquiries are made



A corporate investigation could 2-3 years. Can you sustain:

- Disruption of your workplace
- Inability to carry out day to day

operations

- Short, medium or long term staff morale
  - & occupational health/welfare issues



## **REALITY CHECK**





# We have to do this 9 times a day every day on average!

Kent

Police



HOW WOULD YOU LIKE TO TELL THEM?

# THE WAY FORWARD

- Far closer working links between Highways Authorities and Police Collision Investigation teams – consider your own 'in house investigators'.
- Joint Investigations and reports into Serious Road Traffic Collisions
- Inter agency training and workshops
- Highways Authorities to appoint single points of contact
- Use investigations as a learning and auditing opportunity
- Carry out auditable asset risk management & assessment
- Remember who we serve, the public, and what we are all trying to do -





### **THANKS FOR LISTENING**

