

Police approach to road surfaces and safety



Police Sergeant Jon Webb
Senior Collision Investigator
(for South East London)

Police officer - 29 years
Traffic officer - 23 or them
Collision investigator - 18 yrs



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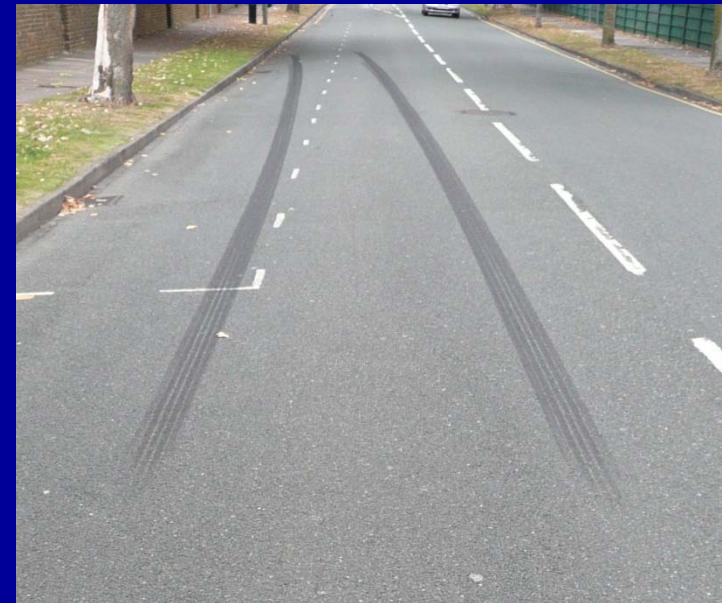
Collision Investigators

- Person summary
 - Who police collision investigators are
- Training
 - Training provided by the police service for collision investigators
- Roles and responsibilities
 - The type of incidents CI's are called to
 - The type of services provided and reports written



Understanding of a road surface

- Training
 - What training, specifically, is given to collision investigators regarding road surfaces
- Experience
 - How experience is gained



Testing a road surface

- Why?
 - They're all black and hard - aren't they?
- How?
 - How collision investigators test road surface to establish the appropriate coefficient of friction.
 - Other factors taken into account:
 - Crossfall
 - Gradient
 - Repairs
 - Weather
 - Temperature
 - Tyres or slid surface
 - Direction of force
- Reason?
 - Having establish the coefficient of friction how is this used in collision reconstruction?
 - A bit of maths to finish with $v = \sqrt{2\mu g s}$

$$v = \sqrt{2\mu g s}$$





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Lessons Learnt

- The safety bit!
- (Police approach to road surfaces and safety)



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The End

- Any questions?



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Out - take



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