

# Road Safety in Hillingdon

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## What is 'road safety'?

Dictionary definition:

*"Road safety refers to methods and measures that are issued to reduce risks of injury, death and harm to drivers, passengers and pedestrians"*



## How are we doing in Hillingdon?

	2008	2009	2010	2011
National KSI	28,572	24,690	24,510	25,023
London KSI	3,526	3,227	2,886	2,805
Hillingdon KSI	107	88	83	74

Information from DfT website, and Transport for London reports  
 'KSI' = 'Killed or Seriously Injured' as reported in police accident reports



## Vulnerable road users in context...

2010	National KSI's	London KSI's	Hillingdon KSI's
Cyclists	2,771	467	8
P2W	5,183	615	17
Children	1,646	250	10

2011	National KSI's	London KSI's	Hillingdon KSI's
Cyclists	3,192	571	4
P2W	5,609	599	12
Children	1,602	300	9

*Hillingdon is actually better than National and London trends*

Information from DfT website, and Transport for London reports  
 'KSI' = 'Killed or Seriously Injured' as reported in police accident reports



## There are several key strands to this...

- Road Safety Education, Training and Publicity
- Partnership with the police and other emergency services
- Road Safety Engineering measures
- Enforcement
- School Crossing Patrols



## Road Safety Education, Training & Publicity

DfT & Council Campaigns

Council Road Safety Mascot

Cycle Training



## Road Safety and School Travel

- Road Safety Partnership...
  - Metropolitan Police Traffic department, Local Safer Neighbourhood Teams, London Fire Brigade, Bike Safe Officers, London Ambulance Service, Institute of Advanced Motoring.
- School Travel Steering Group...
  - Metropolitan Police Safer Transport Team, Health Schools Team, Parking Enforcement Team, Community Safety Team
- Safer Cycling...
  - [Goskyride.com/hillingdon](https://goskyride.com/hillingdon)



## Road Safety and School Travel

### School Travel Plans

- 101 Schools in Hillingdon (98 with a STP)

***“To target schools in London that have impact on the road network in terms of congestion, safety and public transport delay to meet the minimum standard to become accredited for travel activity”***

***“To guide and encourage schools to deliver against core sustainability aims to increase walking and cycling levels and reduce the number of collisions involving young people on London roads”***

Quotes: TfL



## The roads in Hillingdon - traffic mix and congestion...

- The **fourth highest number of licensed cars in Greater London** <sup>1</sup>
- In 2009, Hillingdon experienced **2,304 million vehicle km** - most on TfL roads <sup>1</sup>
- The average daily flow on the A312 (borough boundary to the A4020 Uxbridge Rd) in 2010 was just over **105,000 vehicles**, split roughly 50:50 north and south bound <sup>3</sup>
- **700km** of highway in Hillingdon <sup>2</sup>

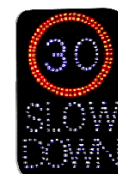


HILLINGDON  
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Sources: 1 - London Councils, 2- LBH, 3-DfT

## Road Safety Engineering - typical toolkit...

- Engineering may not be the answer
- Traffic calming measures including 20mph zones
- Cycling & bus schemes
- School Travel Plans
- Loading & waiting schemes
- Speed limit changes
- Speed cameras
- Vehicle activated signs... warning drivers to slow
- Pedestrian crossings
- Streetlighting
- Traffic signs and road markings



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## Hillingdon's Road Safety Programme

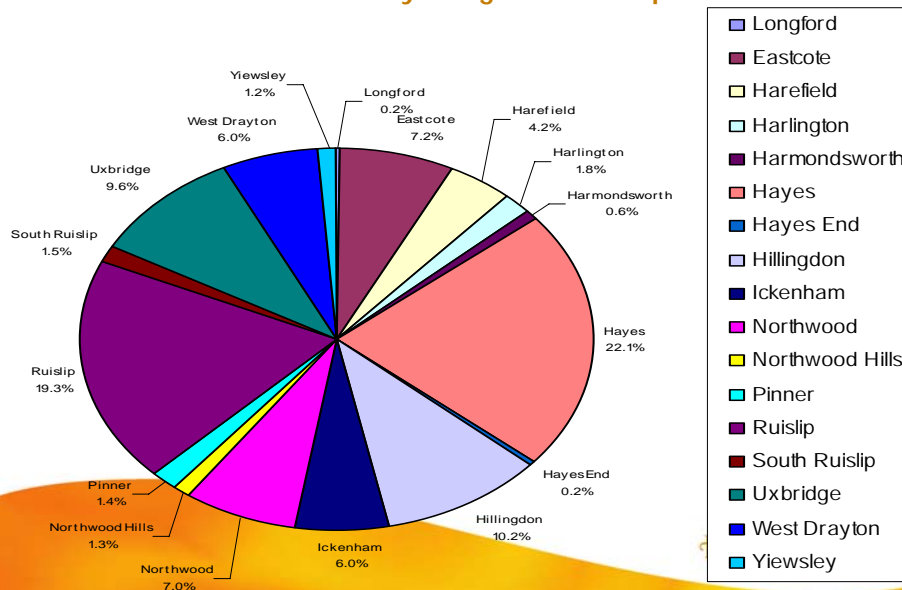
- Council Capital Budget... *to deliver schemes arising from residents' suggestions*
- Tackling the 'accidents waiting to happen' ... *using residents' knowledge*

<i>The more common issues</i>	<i>%</i>
Obstructive Parking	44.6
Speeding traffic	27.1
No specific information given	12.7
Parking problems near junction	5.8
Dangerous for pedestrians	3.5
Issues with HGVs	1.8
Rat-running	1.2
General traffic problems	1.0
Request to extend yellow lines	0.8
Drivers ignore one way	0.7
Cars not stopping at crossing	0.7
Poor visibility (e.g. at junction)	0.2
<b>Total</b>	<b>100.0</b>



Percentage of Road Safety Requests for each area

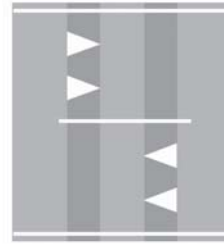
### Where do the Road Safety Programme requests come from?



## Types of Traffic Calming - 1

### Vertical Deflections:

- Round-topped road humps X
- Speed Cushions X
- Speed tables ✓
- Raised Junctions ✓



## Types of Traffic Calming - 2

### Horizontal Deflections:

- Solid Chicanes
- Overrunnable Chicanes
- Width restrictions

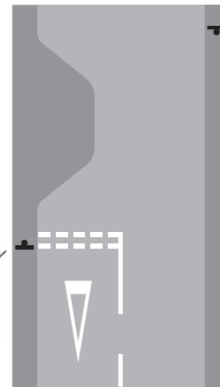


## Types of Traffic Calming - 3



### Other measures:

- Priority Give-way
- One-way, banned movements & closures
- Traffic signal controls



## Types of Traffic Calming - 4

### Physical features such as:

- Mini-roundabouts
- Traffic islands
- Pedestrian refuges
- Zebra Crossings
- New or improved streetlighting
- New or altered carriageway markings
- Antiskid surfacing





## Other tools to tackle speeds...

- Safety Cameras - LSCP
- Vehicle Activated Signs



## 20mph Zones

- Can take several forms
- Can be expensive
- 'Signed only' schemes - *tend to be less effective*
- Average speed cameras



Entrance to a 20mph zone



End of 20mph zone and start of 30mph speed limit



## Developing proposals...

### Key stages:

- Accident history (supported by police data)
- Road Safety Officer local knowledge
- Residents' requests & petitions (up to 60 petitions pa)
- Annual Bids to Transport for London (TfL) for funding
- Use of other money from agreements with developers
- Consultations - sometimes informal and formal
- Independent Road Safety Audits & traffic surveys
- Formal approvals
- Formal notices where necessary
- Liaison with residents



## ... leading to a scheme on the ground



## Does traffic calming work?

- Post scheme traffic speed and volume surveys show reductions in speeds and often HGV traffic
- Reductions in accident levels are generally achieved
- Large reductions in the numbers of 'serious speeders'
- Feedback from residents is generally positive



## Hopefully we will see less of these...



... if we can make both our roads...  
... *and our road users* much safer...

## Thank you for your time

Contact the Road Safety Engineering Team at:  
[saferroads@hillington.gov.uk](mailto:saferroads@hillington.gov.uk)

Contact the Road Safety and School Travel Team at:  
[roadsafety@hillington.gov.uk](mailto:roadsafety@hillington.gov.uk)

