



CTS Spring
Conference

Understanding attitudes to priorities at side road junctions

Centre for Transport and Society

University of the West of England

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Why are we looking at this?





Research Aim

Aim: to investigate the attitudes to change & likely behaviour at junctions, of all types of road users, were a general & unambiguous duty to 'give way on turning' to be introduced in the UK context.



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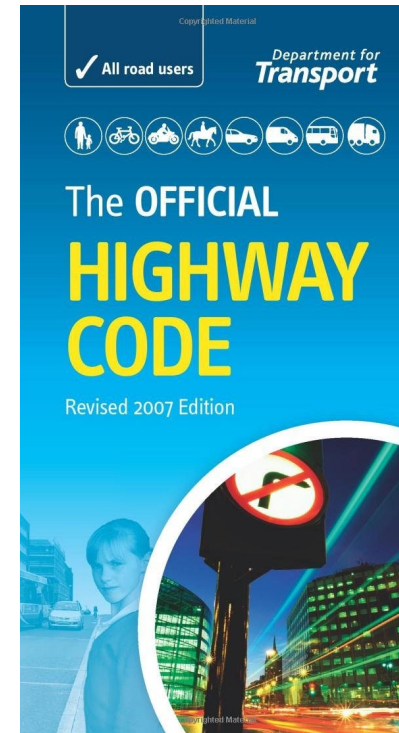
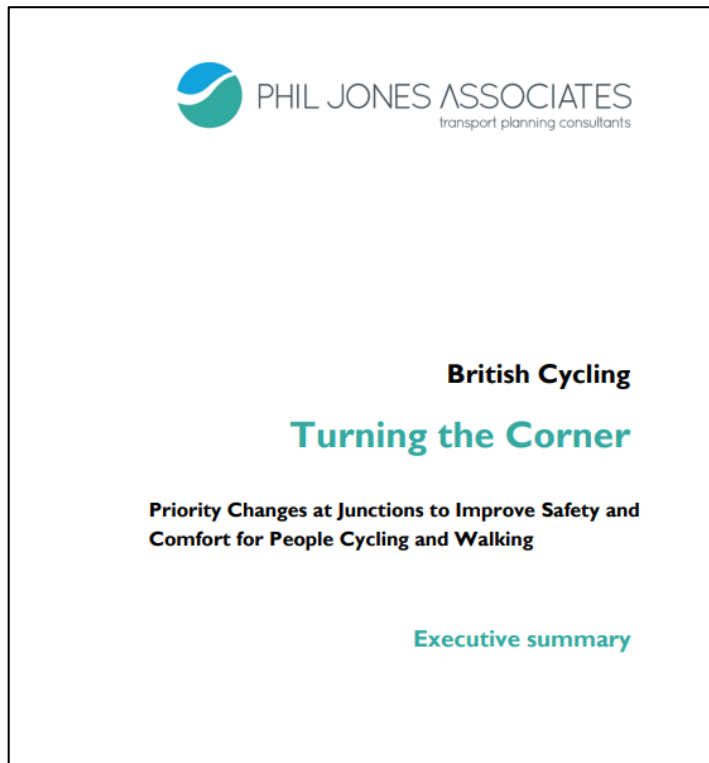
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Q-methodology



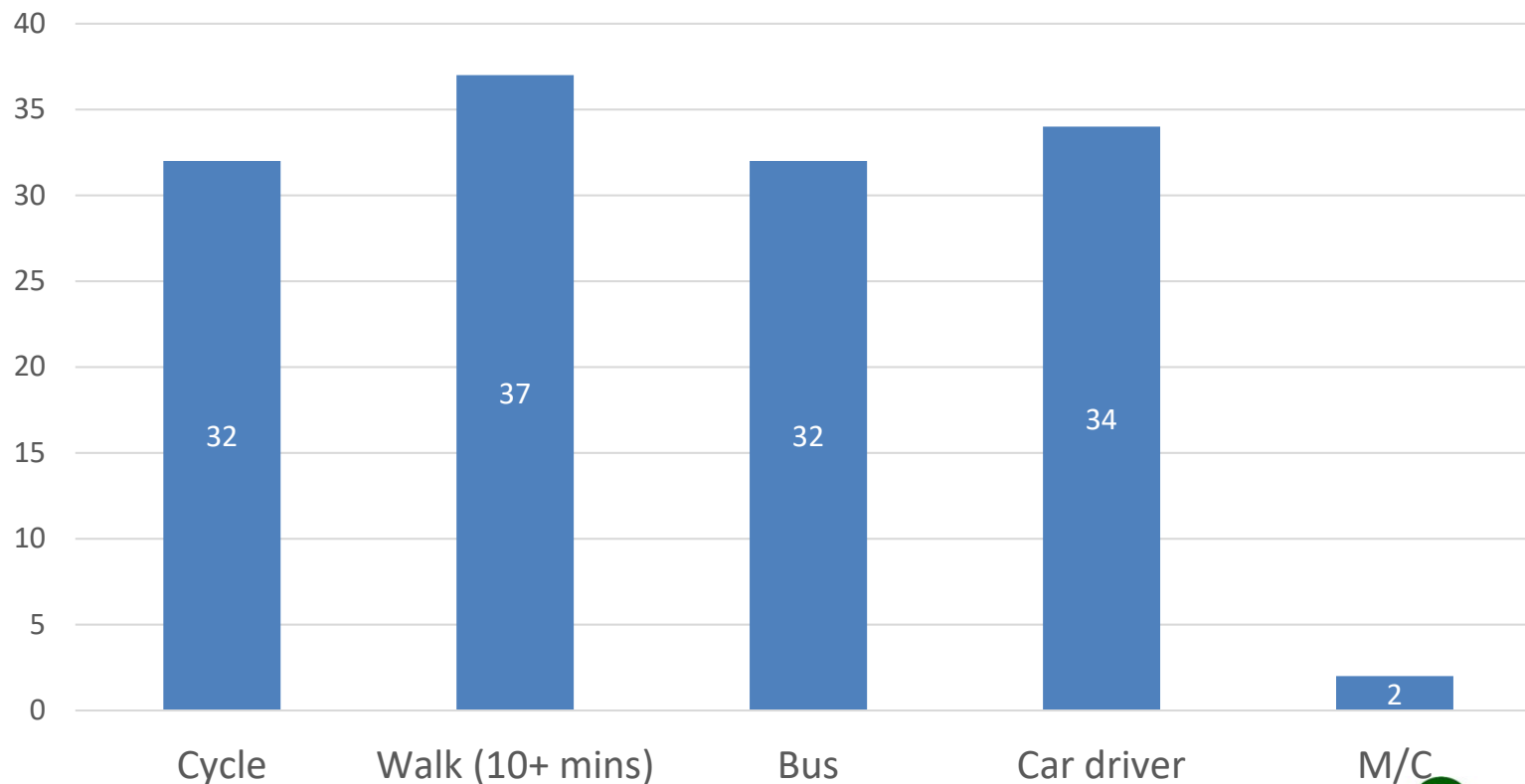
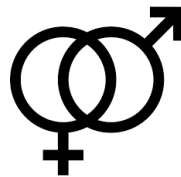
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The Q-sort participants

- N=41
- Purposeful sample
- Mixed road user experience:
Mode Use



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5 groups with common perspectives



Optimistic



Realistic



Pessimistic



Altruistic



Pragmatic

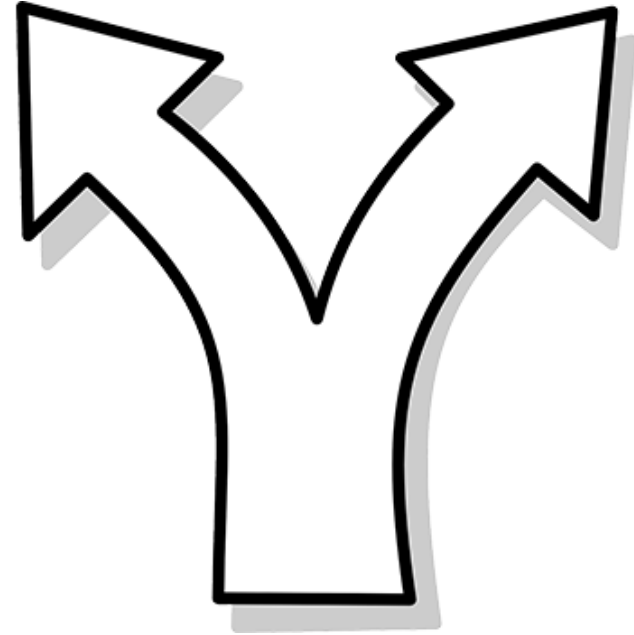


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Divergence



Differences between groups:

- Which road user types should be the prime focus of junction improvements
- Relative importance of safety & time saving
- Amount of effort required to implement change

Consensus

Strong agreement between groups:

- No level of injury & death at road junctions is acceptable
- Regulation changes should be made
- Funding for awareness raising is important
- Supporting regulation change with concomitant design changes to the physical layout of junctions also important



Current Misalignment



LAW: some highway regulation not followed as unknown, unclear, or flouted because inconvenient

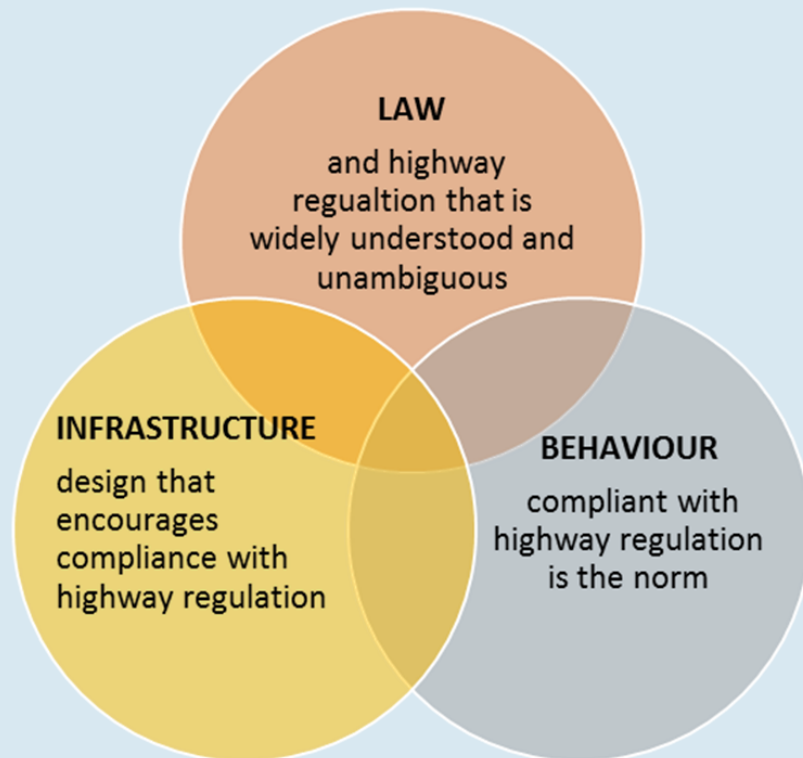


BEHAVIOUR: some road users not compliant with current regulation, eg cutting in on cyclists or not giving way to pedestrians crossing side roads



INFRASTRUCTURE: some design encourages behaviour non-compliant with highway regulation, eg wide radii on mouths of side roads

Future Alignment



Aspiring to a future of greater alignment between infrastructure design, highway regulation and road-user behaviour



Findings



Safe, attractive & convenient...



...for all



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Regulation changes

Need support from:

- Public awareness raising campaigns
- Infrastructure design changes
- Funding
- Enforcement

Takeaway messages

1. All user types agree that any injuries and death at road junctions are unacceptable:
Road-user behaviour needs to change
2. There are practical changes that policy makers could and should make that would improve junction safety, so that they were more attractive & convenient for all:
Policy makers need to act
3. Change in regulations would need support from design, funding and enforcement:
Highway regulation & design need to align

Contact details and questions

“Understanding attitudes to priorities at side road junctions”.
Full paper available at: <http://eprints.uwe.ac.uk/39133/>

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