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# Anglian and London HAUC Roadshow

Wednesday 24th May 2017

## SROH - Communication and Clarity

Alan Rainford

Utilities-side Joint-Chair to HAUC (UK) SROH Working Party

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# SROH CoP - Overview & Issues

- Issues [or misconceptions(?)] under current SROH 3<sup>rd</sup> Edition
  - Ordering Materials
  - Defect Descriptions
  - Thin Surface Course Materials in Carriageways
  - S11.5 Ironwork Surrounds
  - 90° Corners (and less)
  - Varying AVs in Small Patches
  - Equivalence Rule
- DfT/HAUC (UK) Briefing Paper for the draft SROH 4<sup>th</sup> Edition

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# Materials Issues [or mis-conceptions?]

## Ordering Materials:

- Everyday Footway AC 6mm [*AC 6 dense surf 100/150*]
- What load do we ask for - 3t of 6mm?
- What do we get, and do we know if its correct, or not?

## Defect descriptions:

- What is '*Defect, Other*' on an Inspection Report?
- What Section of the SROH is this? [*Drives in Uncertainty*]

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# Materials Issues [or mis-conceptions?]

## Thin Surface Course Materials in Carriageways:

- Proprietary TSCMs - *Ultiflex*, *Finatex*, many others
- Half and Full widths reinstatement asks from HAs
- More robust Gazetteer data needed, or
- Group all under new A2 type? [*generic TSCM to reinstate*]

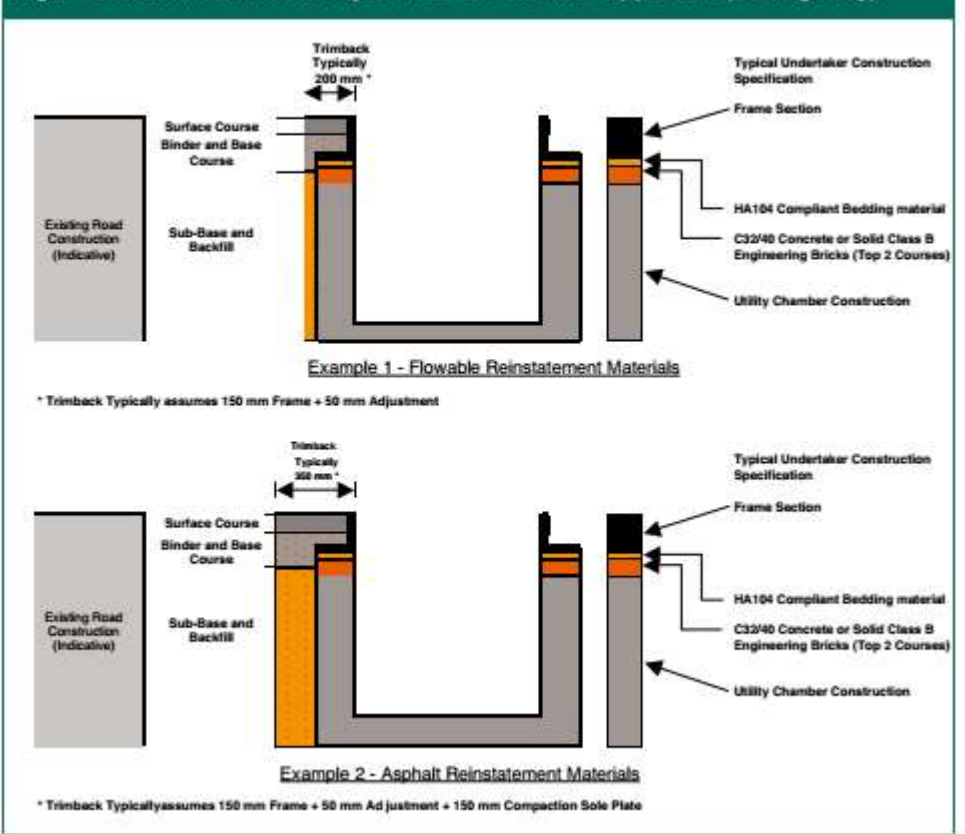
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# Materials Issues [or mis-conceptions?]

## S11.5 Ironwork Surrounds:

- FAQ published - applies to Carriageway ironwork larger than 600x600
- Entirely around a more robust reinstatement type [*Confidence issue*]

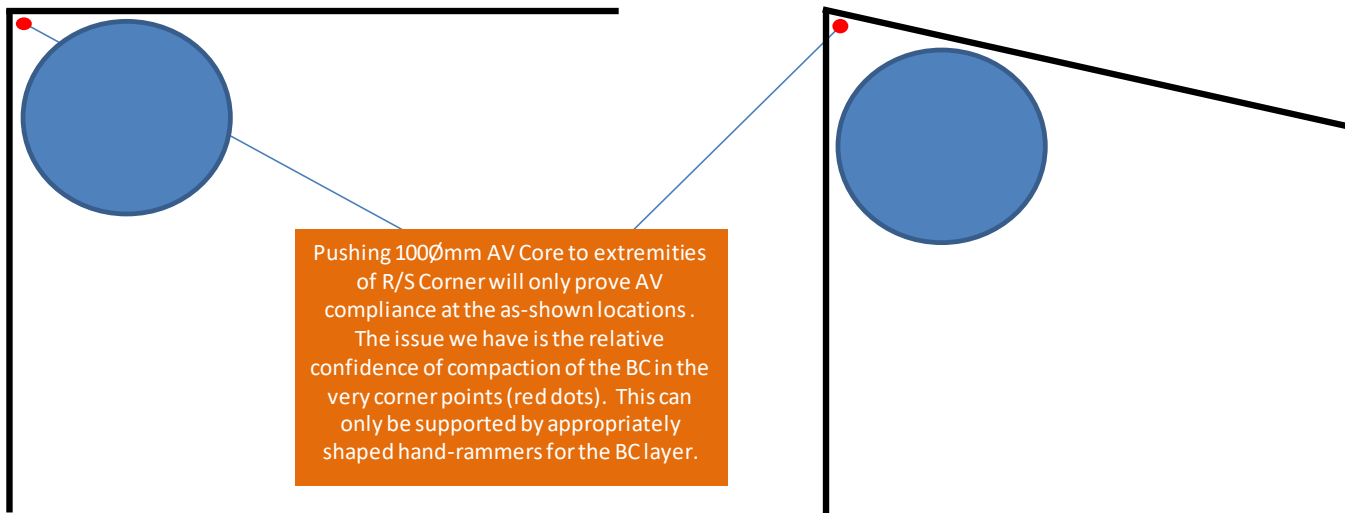
Figure S11.1 Reinstatement adjacent to Undertaker's Apparatus (Carriageway)



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# Materials Issues [or mis-conceptions?]

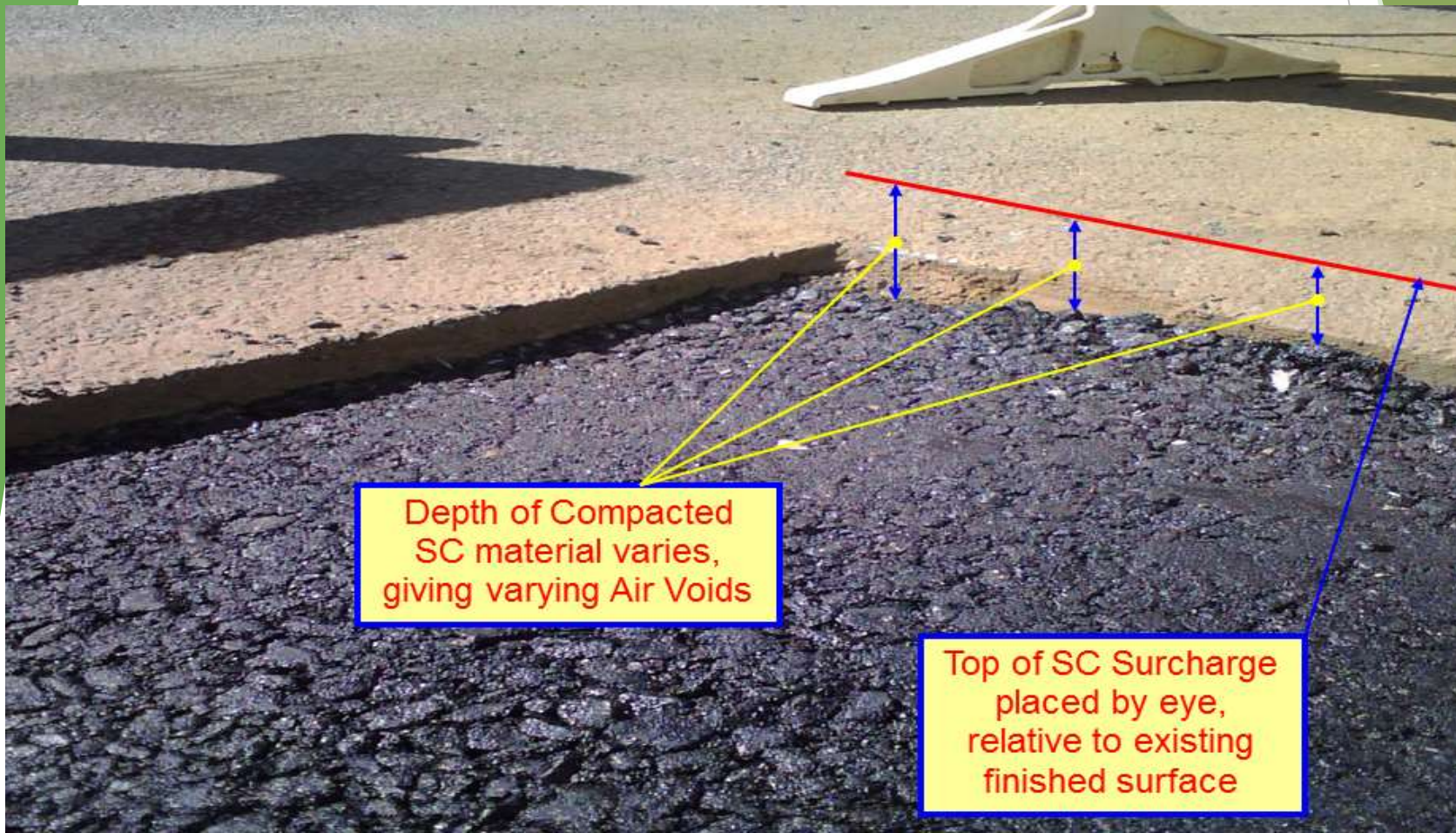
## 90° Corners - what is the issue?



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# Materials Issues [or mis-conceptions?]

## Varying AVs in Small Patches - part of the problem?



# Materials Issues [or mis-conceptions?]

## S6.3.3 - Base Equivalence:

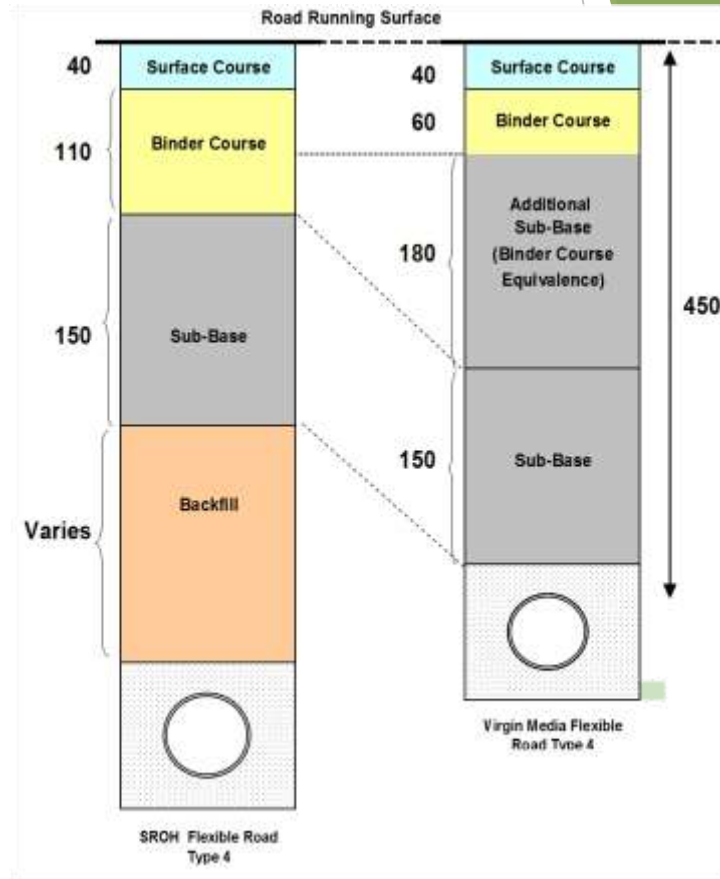
### Binder Equivalence

10mm Hot = 35mm Sub-base

### Laying 40mm SC + 60mm BC Hot

50mm less Binder replaced with  
180mm additional Sub-Base

**IN ADDITION TO/ON TOP OF  
150mm Sub-BASE**



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# Current SROH CoP Review work

- DfT and HAUC (UK) canvassed for Review Items 2014Q4
- Briefing Paper for the draft SROH 4<sup>th</sup> Edition - 2015Q1
- Working Party reconvened September 2015
- 15 Meetings to date
- Briefing Paper headers classed as:
  - Quick Wins
  - Medium Term Issues
  - Longer Term (more complex) Issues

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# Review work [Continued]

## Quick Wins:

- Base and Edge preparation [*Can we improve further?*]
- Use of HRA footway SC in all existing footway surfaces
- High Stone Content HRAs [*how to reinstate in Carriageway HSCs?*]
- Layer thickness correction [*Flowcharts/Drawings/Binder Eq.*]
- Clarification of Testing right across the SROH CoP
- S7.1 Concrete and reinforcement issues

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# Review work [Continued]

## Medium Term Issues:

- S2 vs S12 [*Performance at end of GP vs. technical non-Compliances*]
- Non-Compliances vs. 'Defects' [*again Performance-related*]
- Materials Supplier-derived issues [*Quarry/Batching Plant concerns*]

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# Review work [Continued]

## More Complex Issues:

- How to accommodate Innovation [*such as 'Roadmender'*]
- Expanding A9 [*New Bituminous Materials and innovative processed*]
- Air Voids [*upper/lower tolerances; AV test and testing procedure*]
- S11.5 Carriageway Ironwork [*Extend to all C'way and Footway?*]

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## And finally....

- Any Questions or Issues not covered?
- Contact Details for follow-up queries/issues:
  - Alan Rainford BScEng CEng FICE FCIHT
  - Virgin Media - Senior Partner Relations Manager
  - mobile: 07831 480179
  - e-mail: [alan.rainford@virginmedia.co.uk](mailto:alan.rainford@virginmedia.co.uk)

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