

# Guidance for the Reinstatement of Openings in Highways

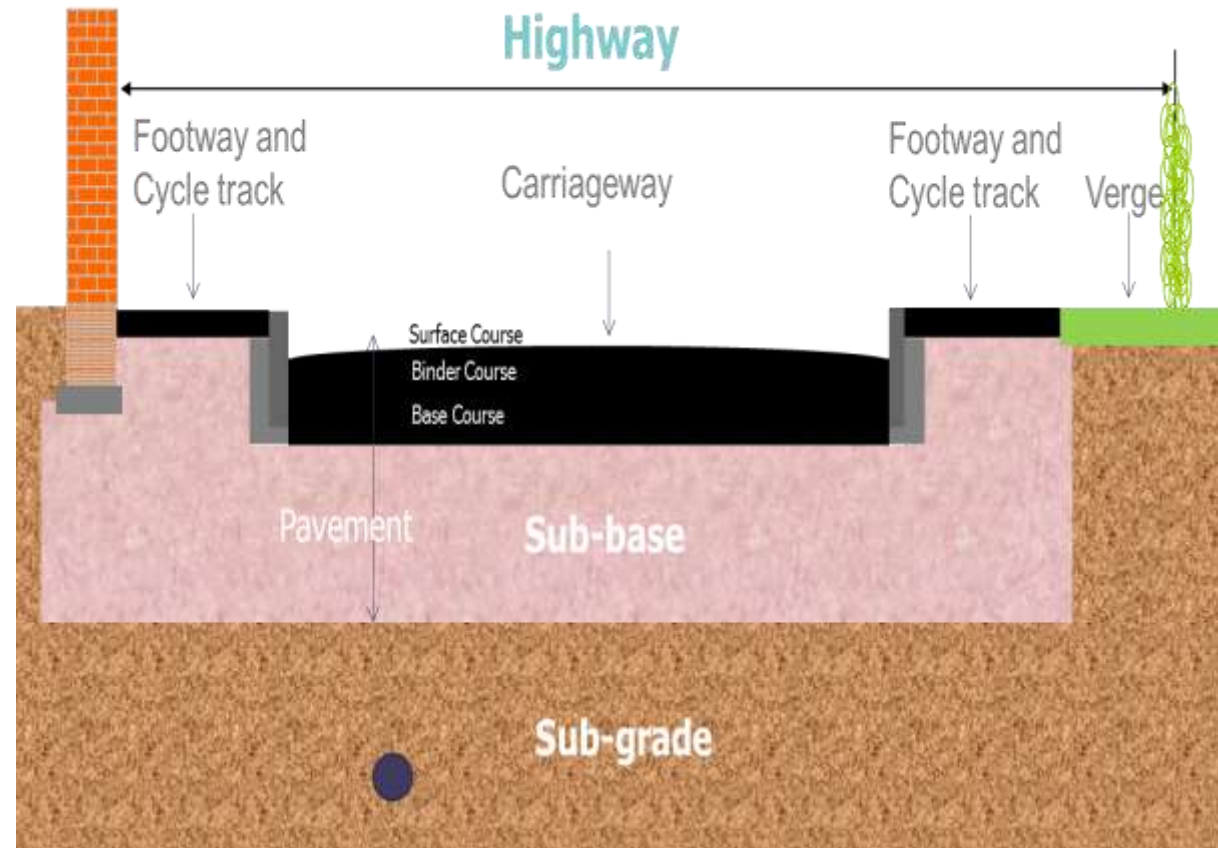
# Guidance for the Reinstatement of Openings in Highways

- Introductions

- Contents

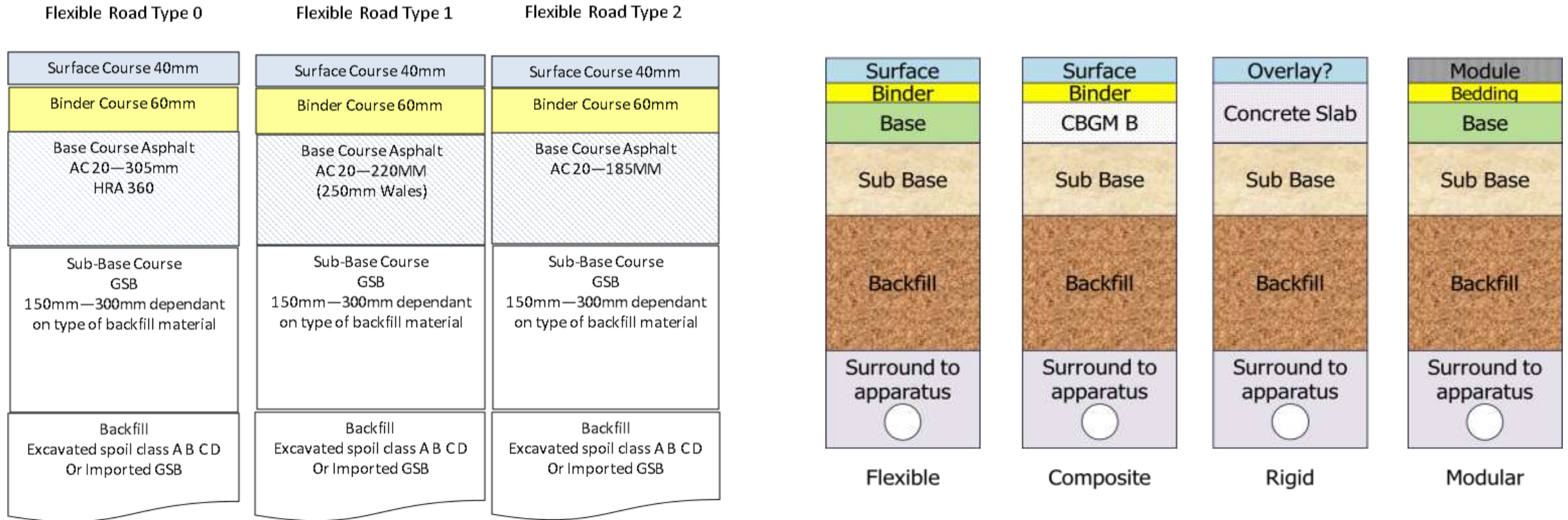
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## The Highway



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- Structural Road Designs and Layer Definition and Structural Footway Designs



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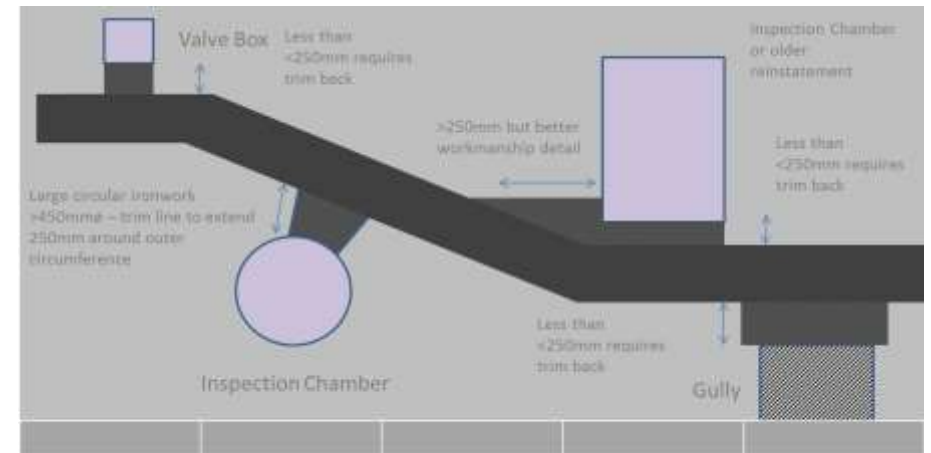
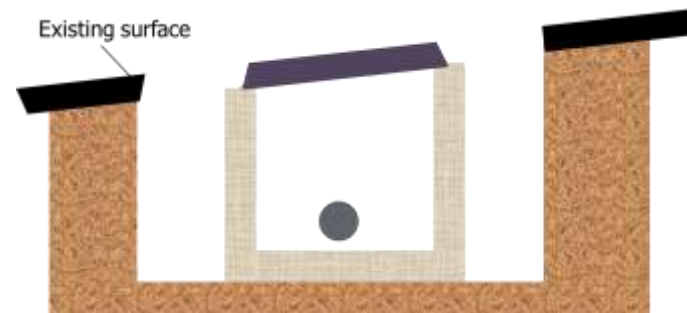
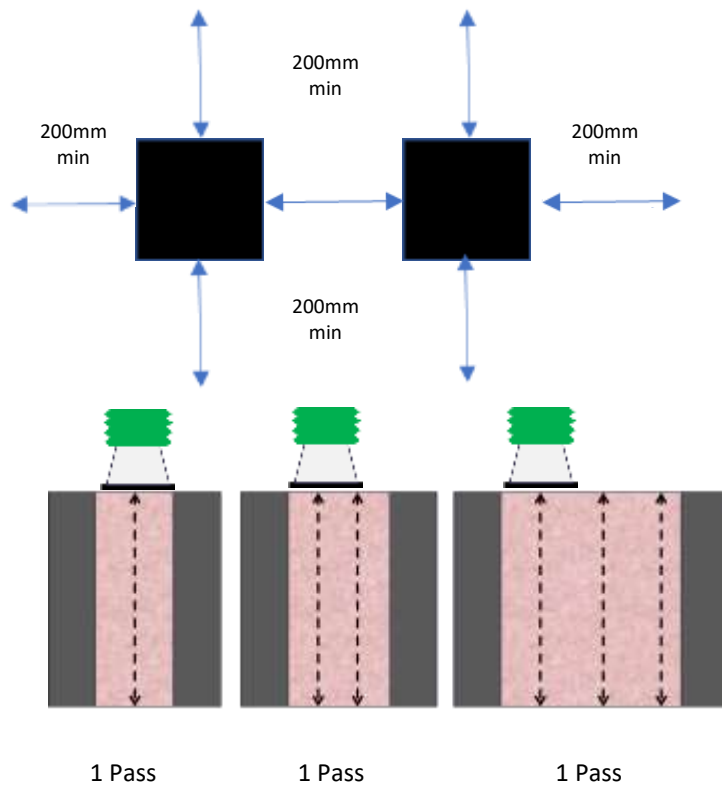
## Material Choices

Carriageway Surface Course		
PSV value for all carriageway surface material depends on the potential risk, if in doubt always order the highest available. Consult SROH S2.6.3 for definition.		
Road Type	Potential High Risk	Potential Low Risk
0	68	68
1	68	65
2	65	60
3	65	55
4	65	55

HRA	
Road Type 0, 1, Preferred	HRA 35/14mm F surf PMB des WTR 2
Road Type 0, 1, Permitted	HRA 30/14mm F surf PMB des WTR 2
	HRA 35/14mm F surf 40/60 des WTR 2
Road Type 2, 3 and 4 Preferred	HRA 35/14mm F surf 40/60 des WTR 1
Road Type 2, 3 and 4 Permitted	HRA 30/14mm F 40/60 rec WTR1
	HRA 30/14mm F 40/60 des WTR1
Pre-coated Chippings 14/20	
Road Type 0, 1	PSV 68
Road Type 2, 3 and 4	PSV 65

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## Excavation and Cavity Preparation and Compaction Method



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- Installation of Unbound Material
  - their condition – stone size, grading, moisture
  - protecting all apparatus – fine fill
  - lifts and surcharge
- Installation of Asphalt
  - preparation
  - number of lifts for road type using AC20
  - edge sealant
  - tack coat
  - surcharge to be added

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- Installation of Modules

- match modules
- bedding
- bond
- pointing

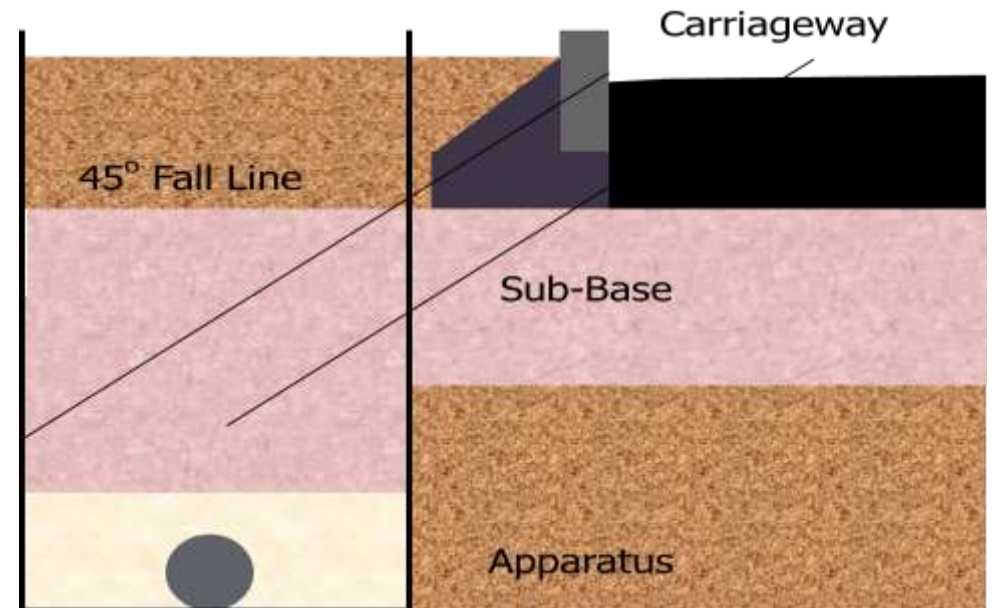
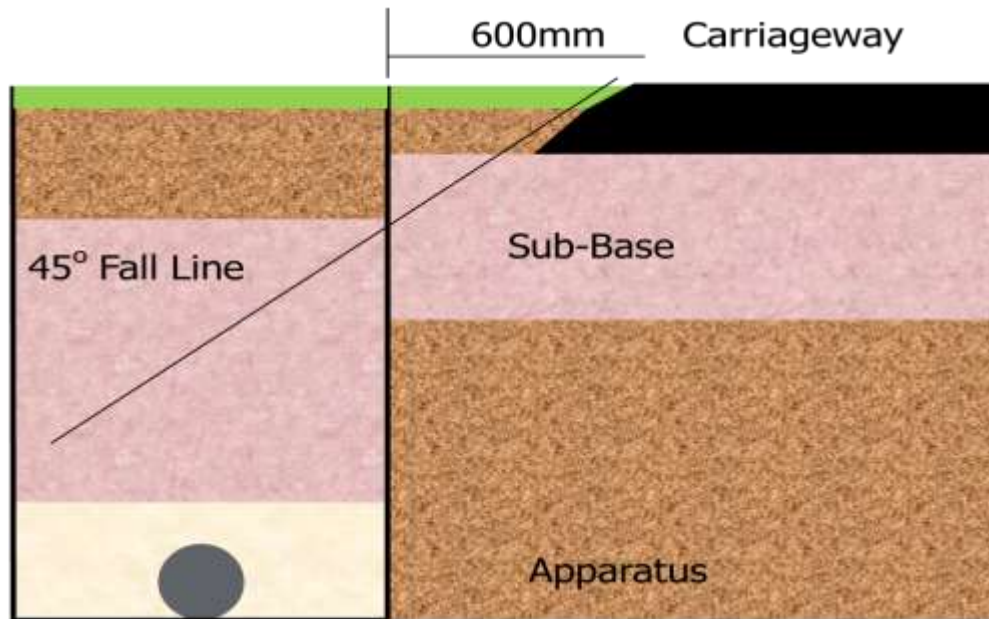
- Installation of Concrete

- carriageway and Footway
- material Strength
- Reinforcement
- Dowel bars



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## Verges and Unmade Ground



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## Contents

- Compaction Equipment. Layer Thickness and Compaction Passes chart
- Asphalt Temperatures chart
- Ironwork in the Carriageway
  - preparation
  - bedding material
  - Installation method
  - Reinstatement dimensions
- Ancillary Items
- Tolerances