

<b>OVERALL DESIGN CONSIDERATIONS</b>	
SAFE WORKING HOURS	
5.4.16	Trunk Road Maintenance Manual Volume 1 - Highway Maintenance Code Paragraph 1.2.1
VEHICLE RECOVERY OPERATIONS	
5.4.17	The Specification for Highway Works Series 100 – Clause 120  Trunk Road Maintenance Manual Volume 1, Part 1, Section 1.3 - Light Vehicle Recovery at Roadworks
<b>SITE SPECIFIC CONSIDERATIONS</b>	
DETAILED LAYOUT OF THE TRAFFIC MANAGEMENT SCHEME	
5.5.1	Chapter 8 of the Traffic Signs Manual and any subsequent amendments/ additions in the Design Manual for Roads and Bridges.
SIGNING	
5.5.7	Chapter 8: Including <ul style="list-style-type: none"> <li>● TOPIC 2. GENERAL &amp; specifically paragraph 2.4 Reflectorisation and Illumination of Signs at Road Works.</li> <li>● TOPIC 3. APPLICATION OF SIGNS</li> </ul> The Specification for Highway Works Clause Series 100 - Clause 117, (10) & (21 to 31). Series 1200 – Clause 1216 The Traffic Signs Regulations and General Directions 1994
SAFETY ZONES	
5.4.5	Chapter 8 – including TOPIC 2. GENERAL & specifically paragraph 2.5 Safety Clearances at Road Works.
SIGHT LINES	
5.4.9	Chapter 8 – including TOPIC 2. GENERAL & specifically paragraph 2.3.5 Reduction of Visibility Distances.
<b>DESIGN OPTIONS</b>	
USE OF NARROW LANES	
5.4.7	Chapter 8 – including TOPIC 2. GENERAL & specifically paragraph 2.5.1.6.
USE OF TEMPORARY BARRIERS	
5.4.8	Department of Transport publication - Interim Advice Note 24 (IAN 24).

**Table 3: Design References**

DETAIL CONSIDERATIONS	
SAFE TAPER POSITIONS	
5.5.2	<i>Chapter 8 references:</i>
	General
	2.3.5.3 Visibility requirements Overall lengths and distances between sites - <i>Table F.</i>
	Type A Works
	Single-carriageway roads - between junctions 4.2.2.9 - Guide island tapers - <i>Table C.</i>
	Motorways and All-purpose Dual-carriageway Roads with or without Hard Shoulders
	4.4.1.4 - Stepped tapers 4.4.1.5 - Guide island tapers - <i>Table C</i>
	Type B Works
	Minor Roads - 5.2.2.3: Length of lead-in tapers - <i>Table C</i> All-purpose Roads - 5.3.3.3: Length of lead-in tapers – <i>Table C</i> Motorways and All-purpose Dual-carriageway Roads with or without Hard Shoulders 5.4.2: Tapers and merge lanes
CROSS-OVERS	
5.5.3	Specification for Highway Works Series 100 – Preliminaries Clause 117
TREATMENT OF EXISTING PERMANENT TRAFFIC SIGNS AND ROAD MARKINGS	
5.5.6	The Specification for Highway Works Series 200 – Clause 201 (9) Series 1200 – Clause 1212 (17)

**Table 3 (cont.): Design References**