

Design Parameters		
Road Level	Roadworks Type	Speed Limit
1(iii)	A	50kph
Temporary Signs		
Sign Visibility	No of Signs	Sign Spacing
50	2	20
Taper at lane		
Taper at lane	Taper at hard shoulder	Transition length
1 in 5	1 in 5	n/a
Safety Zones & Lane Widths		
Long Safety Zone	Lateral Safety Zone	Minimum Lane Width
5	0.5	3(2.5)
Cone size & spacing		
Minimum Cone Height	Spacing at taper	Long Spacing
0.75	6	12
Lamp Spacing		
Lamp Spacing	At Tapers	Long Lamp spacing
6	6	24

Level	Main	Sub	Carriageway Type	Speed / Speed Limit / (km/h)	Visibility to Stop and Go & Traffic Signals (m)
Level 1	i		Single	≤ 30	25
	ii		Single	40	35
	iii		Single	50	50
	iv		Single	60	60
Level 2			Multi-Lane / Dual	≤ 60	60
	i		Single	80	90
Level 3	ii		Single	100	120
	i		Dual and Motorway	80	120
		ii	Dual and Motorway	≥ 100	N/A ¹

Notes:
 1. Use of Stop and Go or Traffic Signals on Level 3(i) require a site specific TTM Plan by a TTM Designer.
 2. Stop and Go and Traffic Signals are not applicable on Level 3(i)

Speed (km/h)	Clear Visibility Before and After Coned Area (m)
≤ 50	60
60	70
80	80
100	100

Table 8.4.4.1: Priority Visibility Requirements

- Manifest**
- 6 x P 003R Direction
 - 6 x WK 001 Roadworks Ahead
 - 5 x WK 091 Diverted Traffic
 - 4 x WK 061 Flagman Ahead
 - 2 x Density Technician
 - 2 x Local Access Only
 - 2 x P 003L Direction
 - 2 x P 010 End
 - 2 x P 069 Temporary Hazard
 - 2 x Sharp Deviation to the Right



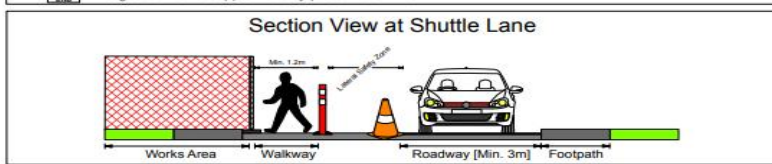
Design Parameter	Type A > 12 hours	Type B < 12 hours	Type C < 15 mins
Advance Warning Signage			
Sign Size (mm)	600	600	-
Sign Visibility (m)	50	50	50
Number of Signs	2	2	-
Cumulative Distance (m)	40	40	-
Distance between Advance Warning Signs (m)	20	20	-
Taper			
Lane Taper Rate ^a	1 in 5	1 in 5	-
Hard Shoulder Taper Rate ^a	-	-	-
Cones			
Cone Height (mm)	750	750	-
Taper Spacing (m) ^b	3	3	-
Longitudinal Spacing (m) ^b	3	3	-
Lamps (unit areas only)			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	6	6	-
Safety Zones			
Longitudinal (m)	5	5	-
Lateral (m)	0.5	0.5	-
Lanes			
Lane Width (m) ^c	3 (2.5)	3 (2.5)	-
Two-way Roadway Width (m)	5	5	-

Stop & Go Notes:

- The Contractor shall consult with the Gardaí prior to the implementation of a STOP & GO system.
- STOP & GO disks (Signs RUS 060 and RUS 061) using manual or mechanical methods can be used. This operation must be undertaken by competent personnel, using STOP & GO disks and wearing high visibility clothing.
- Using this operation the flow of traffic should be based on the actual demand at the extremities of the works. These demands vary at peak times and can be unbalanced at off peak times so manually operated traffic control can react to the actual demand.
- Both Operators should preferably be inter-visible but must be in contact by means of a suitable and reliable communication system (e.g. Two-Way Radio). Care should be taken to ensure the traffic being asked to stop cannot see or misinterpret the GO disk of the far Operator.
- If there is a junction within the length being controlled by STOP & GO disks, a third Operator may be required to control the traffic on the side road.
- Remotely operated STOP & GO disks should only be operated during daylight hours provided the Operator has an unobstructed view of both ends of the site and is not more than 100m from either end.
- For 20m in advance of the STOP/GO stop position, cones should be placed along the centre line of the road if space permits. If space does not permit, the cones should be placed along the verge. This is to highlight to the driver that they are close to the manually controlled stopping point.

No Overtaking Signage:

- No Overtaking sign (RUS014) prohibits overtaking at locations where it is considered dangerous to do so. The need for the No Overtaking sign will be assessed on a site specific basis by the TTOS on site.
- At the point where the No Overtaking restriction ends, Sign RUS014 shall be erected together with a supplementary plate P010 "End".



Project Information

Client:

Project: Beechwood Dr, Circular Rd

Title: Beechwood Dr, Circular Rd

Dwg No: TMP 001

Date: 24/07/2024

Rev: 0

Drawn: Brian Duggan

Checked: Siarhei Nemich