



Traffic Management Plan in Accordance with Chapter 8 TSM, TTM Design Guidance, & TTM Operations Guidance

Road Level - 1iii Single 50km/h
 Works Type - Type A or B
 Sign Size - 600mm
 No. of Advance Signs - 2
 Cumulative Distance - 40m
 Distance Between Signs - 20m
 Type/Length of Taper - 45 Deg
 Taper Cone Spacing - 1m
 Longitudinal Safety Zone - 5m
 Lateral Safety Zone - 0.5m
 Min. Lane Width - 3m



Contractor: P & D Lydon Plant Hire Ltd.



Project: Galway City Footpaths

Local Authority: Galway City Council

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Level	Carriageway Type		Speed / Speed Limit (km/h)	Sign Visibility (m)	Visibility to Stop / Go & Traffic Signals (m)
	Main	Sub			
Level 1	i	Single	≤ 30	25	25
	ii	Single	40	35	35
	iii	Single	50	50	50
	iv	Single Multi-lane / Dual	60 ≤ 60	60 60	60 60
Level 2	i	Single	80	90	90
	ii	Single	100	120	120
Level 3	i	Dual	80	90	120 ¹
	ii	Dual	≥ 100	160	N/A ²

Table 0.4.3.5.1: Visibility Requirements

Level	Carriageway Type		Speed / Speed Limit (km/h)
	Main	Sub	
Level 1	i	Single	≤ 30
	ii	Single	40
	iii	Single	50
	iv	Single Multi-lane / Dual	60 ≤ 60
Level 2	i	Single	80
	ii	Single	100
Level 3	i	Dual and Motorway	80
	ii	Dual and Motorway	≥ 100

Table 0.4.3.1.1: Road Classifications

Temporary Traffic Management Design Guidance

Part 1 Level 1 Roads

Table 1.1.1.3: Minimum Design Parameters for Level 1(iii) Roads Single Carriageway of 50km/h

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 (unlit 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	-

Notes:

- A. 45° taper is required at shuttle controlled layouts with cones at 1m centres
- B. Cone spacing is the maximum permitted. Where geometry or any other site-specific reason dictates the spacing shall be reduced accordingly.
- C. The optimum lane width for all classes of vehicles is 3.3m. This may be reduced to a minimum of 3m. Below this, HGVs and buses must be marshalled past the works. The absolute minimum lane width, if only cars and light vehicles are present, is 2.5m. See Section 0.4.3.4.