



Date: 26/06/2025 Author: THM/JC Project: KLS

Comments:

Traffic Management Plan to enable KLS with works on the R443 at Scoil Mhuire in Tullamore, Co. Offaly. Phase 1

Note 1:
Written dimensions are preferred, do not scale dimensions.
All dimensions to be checked before work commences and any discrepancies reported.
All traffic Management to be carried out in accordance with Chapter 8 of the Traffic Signs Manual in force at time of construction.

Note 2:
All signage to be erected outside visibility splays at junctions and site access.

Note 3:
Traffic Management will be audited and monitored in order to ensure safety and adequate traffic manoeuvrability. Should changes be required, drawings will be revised accordingly.

Note 4:
Interaction with local residents and landowners will be carried out by the main contractor.

Note 5:
All lighting requirements within the works area will be the responsibility of the main contractor.

If traffic lights are used instead of flagmen, replace all signage WK061 with WK060



WK061 WK060

Manifest

- 22 x Cone
- 5 x Barrier
- 5 x RUS 001 Keep Left
- 4 x WK 001 Roadworks Ahead
- 4 x WK 082 Temporary Pedestrian Crossing
- 2 x Footpath Closed Ahead
- 2 x P 010 End
- 2 x RUS 002 Keep Right
- 2 x RUS 060 Stop and Go Disk - STOP
- 2 x RUS 061 Stop and Go Disk - GO
- 2 x WK 061 Flagman Ahead
- 2 x WK 095 Stop Here on Red
- 1 x W 185 Barrier Board
- 1 x WK 080 Pedestrians Cross on Left
- 1 x WK 081 Pedestrians Cross on Right

Temporary pedestrian crossing point

A temporary pedestrian ramp shall be installed at this side

Crossing closed

53.271447, -7.500343

Footpath may be left open while works are in roadway, but temporary crossing points to be maintained

Roadworks End signage shall be placed 20m-50m after works



Place first sign before temporary crossing point

Legend

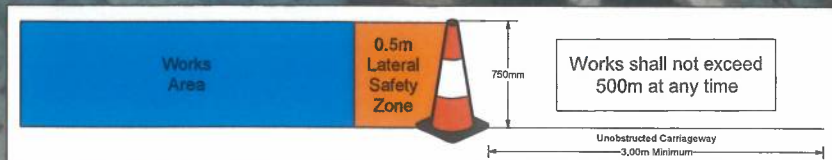
- Barrier
- Cone
- Lat. Safety Zone
- Long. Safety Zone
- Taper
- Works Area

Table 1.1.1.3: Minimum Design Parameters for Level 1(R) 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.





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Comments:

Traffic Management Plan to enable KLS with works on the R443 at Scoil Mhuire in Tullamore, Co. Offaly. Phase 2

Note 1:
Written dimensions are preferred, do not scale dimensions.
All dimensions to be checked before work commences and any discrepancies reported.
All traffic Management to be carried out in accordance with Chapter 8 of the Traffic Signs Manual in force at time of construction.

Note 2:
All signage to be erected outside visibility displays at junctions and site access.

Note 3:
Traffic Management will be audited and monitored in order to ensure safety and adequate traffic manoeuvrability. Should changes be required, drawings will be revised accordingly.

Note 4:
Interaction with local residents and landowners will be carried out by the main contractor.

Note 5:
All lighting requirements within the works area will be the responsibility of the main contractor.

If traffic lights are used instead of flagmen, replace all signage WK061 with WK060



WK061 WK060

Manifest

- 22 x Cone
- 10 x Barrier
- 5 x RUS 001 Keep Left
- 4 x WK 001 Roadworks Ahead
- 2 x P 010 End
- 2 x RUS 002 Keep Right
- 2 x RUS 060 Stop and Go Disk - STOP
- 2 x RUS 061 Stop and Go Disk - GO
- 2 x WK 061 Flagman Ahead
- 2 x WK 082 Temporary Pedestrian Crossing
- 2 x WK 095 Stop Here on Red
- 1 x W 185 Barrier Board
- 1 x WK 080 Pedestrians Cross on Left
- 1 x WK 081 Pedestrians Cross on Right

Temporary pedestrian crossing point

A temporary pedestrian ramp shall be installed at this side

A pedestrian route past works area to be maintained at all times

Legend

- Barrier
- Cone
- Lat. Safety Zone
- Long. Safety Zone
- Taper
- Works Area

53.271447, -7.500343

Crossing closed

Roadworks End signage shall be placed 20m-50m after works



Table 11.1.3: Minimum Design Parameters for Level 1(B) 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) ^C	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.





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Comments:

Traffic Management Plan to enable KLS with works on the R443 at Scoil Mhuire in Tullamore, Co. Offaly. Phase 3

Note 1:
Written dimensions are preferred, do not scale dimensions.
All dimensions to be checked before work commences and any discrepancies reported.
All Traffic Management to be carried out in accordance with Chapter 8 of the Traffic Signs Manual in force at time of construction.

Note 2:
All signage to be erected outside visibility splays at junctions and site access.

Note 3:
Traffic Management will be audited and monitored in order to ensure safety and adequate traffic maneuverability. Should changes be required, drawings will be revised accordingly.

Note 4:
Interaction with local residents and landowners will be carried out by the main contractor.

Note 5:
All lighting requirements within the works area will be the responsibility of the main contractor.

Two-way traffic can be maintained once traffic island had been removed

Temporary pedestrian crossing point

A temporary pedestrian ramp shall be installed at this side

Crossing closed

Roadworks End signage shall be placed 20m-50m after works



Temporary pedestrian crossing point

Legend

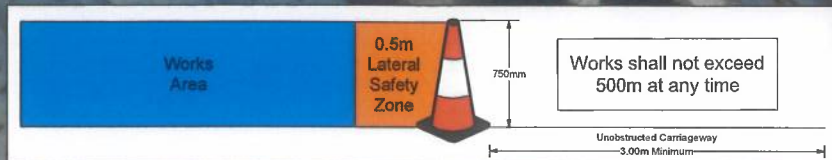
- Barrier
- Cone
- Lat. Safety Zone
- Long. Safety Zone
- Taper
- Works Area

Table 1.1.1.3: Minimum Design Parameters for Level 1(II) 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 (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	-

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.





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Comments:

Traffic Management Plan to enable KLS with works on the R443 at Scoil Mhuire in Tullamore, Co. Offaly. Phase 4

Note 1: Written dimensions are preferred, do not scale dimensions. All dimensions to be checked before work commences and any discrepancies reported. All Traffic Management to be carried out in accordance with Chapter 8 of the Traffic Signs Manual in force at time of construction.

Note 2: All signage to be erected outside visibility splays at junctions and site access.

Note 3: Traffic Management will be audited and monitored in order to ensure safety and adequate traffic manoeuvrability. Should changes be required, drawings will be revised accordingly.

Note 4: Interaction with local residents and landowners will be carried out by the main contractor.

Note 5: All lighting requirements within the works area will be the responsibility of the main contractor.

Manifest

- 37 x Cone
- 10 x Barrier
- 4 x WK 001 Roadworks Ahead
- 3 x RUS 001 Keep Left
- 2 x P 010 End
- 2 x RUS 002 Keep Right
- 2 x WK 082 Temporary Pedestrian Crossing
- 1 x WK 032 Road Narrows on Left
- 1 x WK 033 Road Narrows on Right
- 1 x WK 080 Pedestrians Cross on Left
- 1 x WK 081 Pedestrians Cross on Right

Temporary pedestrian crossing point

A temporary pedestrian ramp shall be installed at this side

A pedestrian route past works area to be maintained at all times

Crossing closed

Roadworks End signage shall be placed 20m-50m after works

Legend

- Barrier
- Cone
- Lat. Safety Zone
- Long. Safety Zone
- Taper
- Works Area

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	-
Lanes (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 3.2m. 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.

