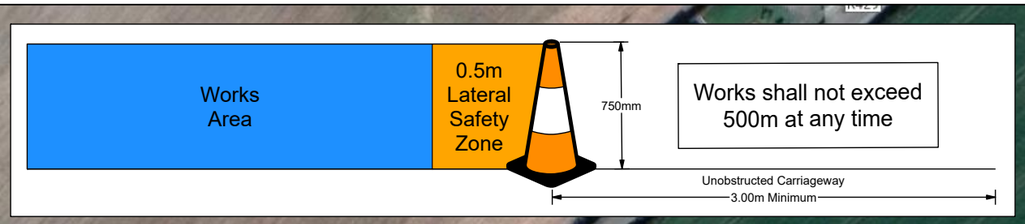


Use reduced sign spacing as expected traffic speed from the crossroads is low

Treat works area as 50km/h as road is a cul-de-sac with 12 houses and has very low traffic volumes/speeds

Works may be broken into sections with approach signage adjusted accordingly

52.898738, -6.980059

120 m

120 m

120 m

20 m

20 m

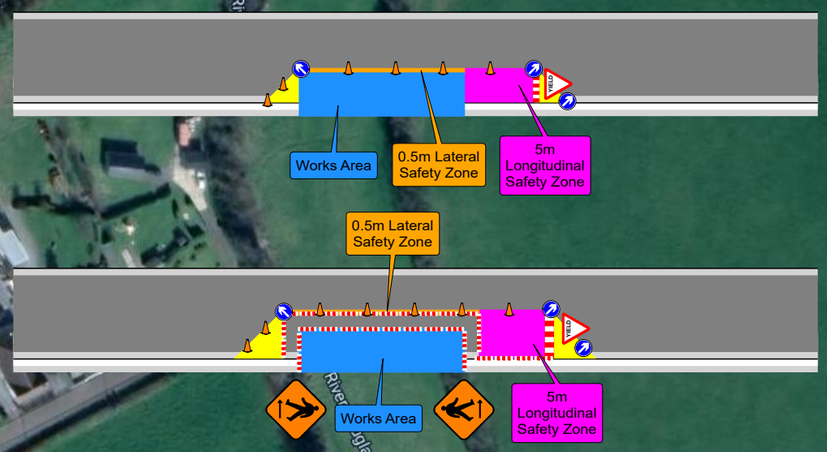
20 m

20 m

St Abban's Terrace

R429

Works Area Detail



Need for temporary footpath (lower layout) TBD on site - pedestrian and traffic volumes are both very low

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.

Table 2.2.2.1: Minimum Design Parameters for Level 2(i) Roads Single Carriageway 80km/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)	90	90	90
Number of Signs	4	3	-
Cumulative Distance (m)	480	360	-
Distance between advance warning signs (m)	120	120	-
Taper			
Lane Taper Rate [A]	1 in 40	1 in 40	-
Hard Shoulder Taper Rate [A]			-
Cones			
Cone Height (mm)	750	750	-
Taper Spacing (m) [B]	3	3	-
Longitudinal Spacing (m) [B]	12	12	-
Lamps (unlit areas only)			
Taper Spacing (m)	6	6	-
Longitudinal Spacing (m)	24	24	-
Safety Zones			
Longitudinal (m)	45	45	-
Lateral (m)	1.2	1.2	-
Lanes			
Lane Width (m) [C]	3	3	-

Notes:

A. 45° taper is required at shuttle traffic 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.

Manifest

30 x Barrier
21 x Cone
5 x WK 001 Roadworks Ahead
4 x P 003L Direction
4 x P 003R Direction
4 x RUS 002 Keep Right
4 x WK 033 Road Narrows on Right
3 x P 010 End
2 x RUS 001 Keep Left
2 x RUS 026 Yield
2 x RUS014 No Overtaking
2 x W 185 Barrier Board
1 x WK 080 Pedestrians Cross on Left
1 x WK 081 Pedestrians Cross on Right

Legend

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

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

Crioch END

Place sign before bend for visibility

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 manouverability. 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.

THM GROUP

Date: 09/11/2022 **Author:** THM/JC **Project:** THM5772

Comments:

Traffic Management Plan to enable THM with works at St Abban's Terrace in Co. Laois.