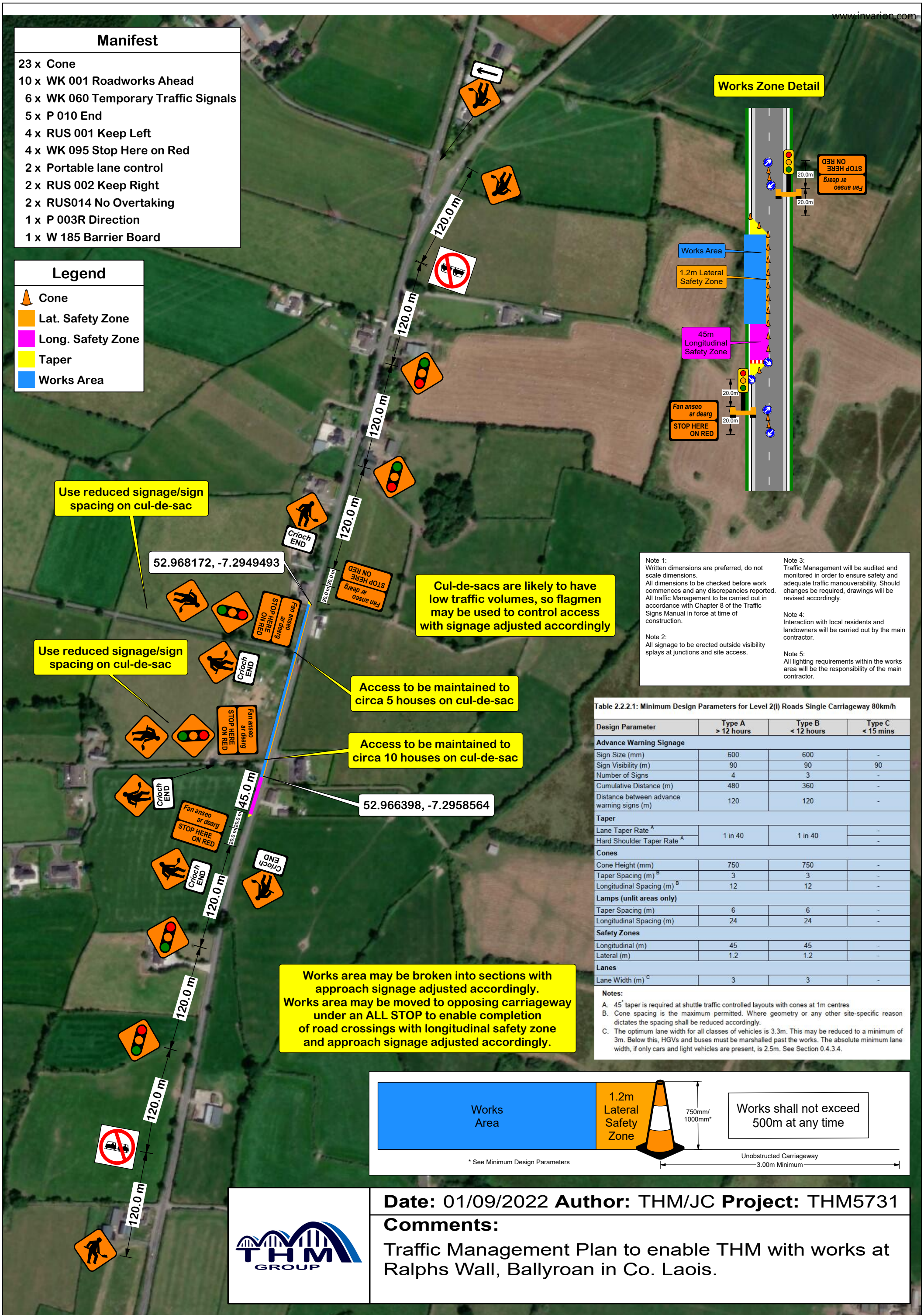
www.invarion.com

Manifest

23 x Cone
10 x WK 001 Roadworks Ahead
6 x WK 060 Temporary Traffic Signals
5 x P 010 End
4 x RUS 001 Keep Left
4 x WK 095 Stop Here on Red
2 x Portable lane control
2 x RUS 002 Keep Right
2 x RUS014 No Overtaking
1 x P 003R Direction
1 x W 185 Barrier Board

Legend

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



Works Zone Detail

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.

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.

Date: 01/09/2022 **Author:** THM/JC **Project:** THM5731

Comments:

Traffic Management Plan to enable THM with works at Ralphs Wall, Ballyroan in Co. Laois.