Killeen Civil Engineering

Table 8.2.2.6
Minimum Design Parameters for Level 2(i) Roads
(Single Carriageway of 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 (Forming) 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 (solid 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. 40 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. Refer to Paragraphs 8.4.3.1 to 8.4.3.3.

Note 1:
Written Dimensions are preferred, do not scale dimensions.
All Dimensions to be checked before works commence and any discrepancies reported.
All Traffic Management to be in accordance with Chapter 8 of the Traffic Signs Manual in force at the 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 TTMP will be revised accordingly

Note 4:
Interaction between local residents and land owners will be carried out by Main Contractor

Note 5:
All Lighting requirements within the works will be the responsibility of the Main Contractor.

DATE:
02/08/2023

JOB NUMBER:
N77LCCKCE02082023

PROJECT NUMBER:
N77LCCKCE02082023

AUTHOR:
James O Neill

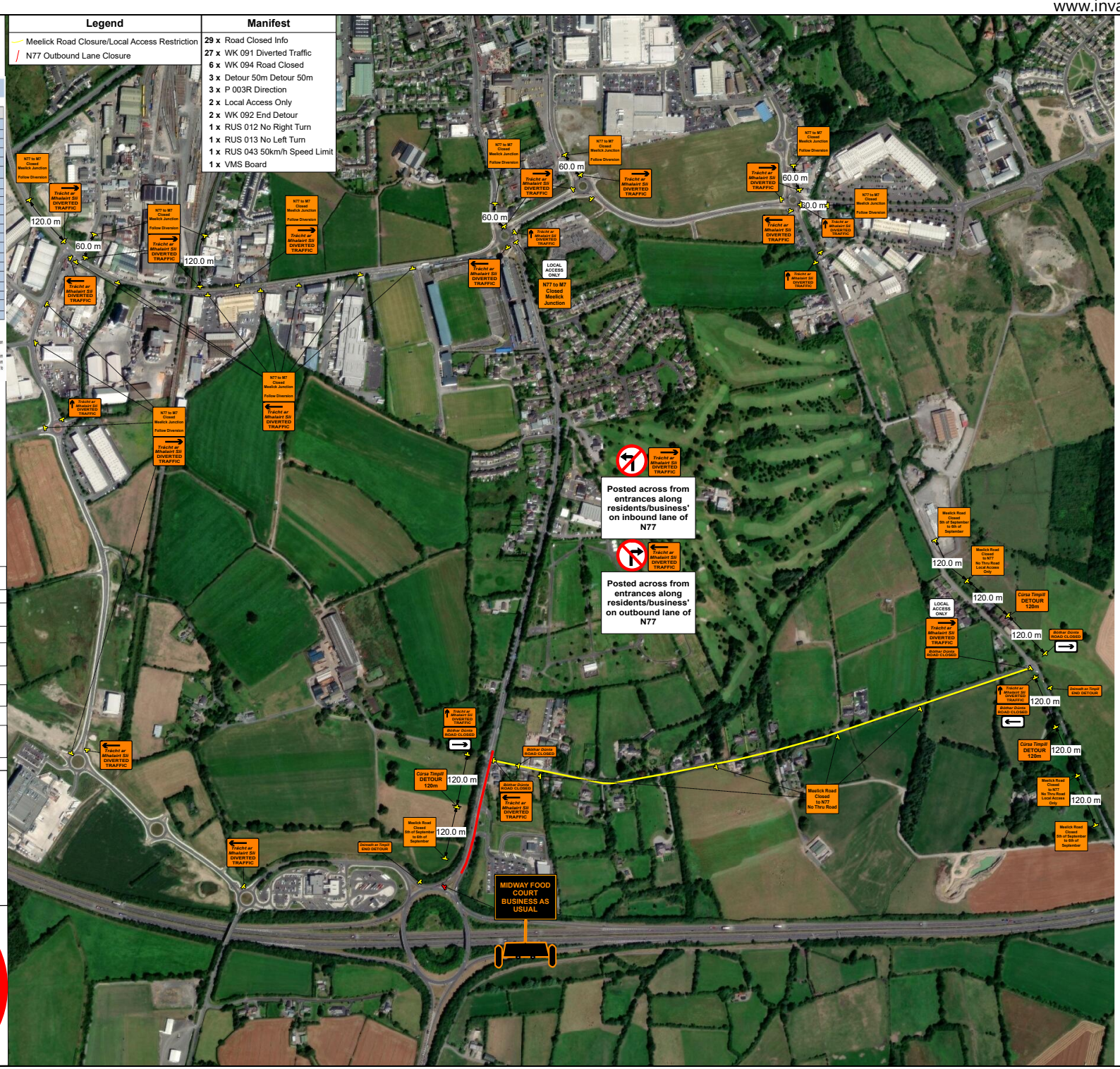
LOCATION:
Meelick Road/Junction, N77 Portlaoise, Co. Laois

Temporary Traffic Management to enable works on N77

Type of TTM:
Static - Road Closure/Diversion

Legend

- Meelick Road Closure/Local Access Restriction
- N77 Outbound Lane Closure

Manifest

29 x	Road Closed Info
27 x	WK 091 Diverted Traffic
6 x	WK 094 Road Closed
3 x	Detour 50m Detour 50m
3 x	P 003R Direction
2 x	Local Access Only
2 x	WK 092 End Detour
1 x	RUS 012 No Right Turn
1 x	RUS 013 No Left Turn
1 x	RUS 043 50km/h Speed Limit
1 x	VMS Board