

# N40 KINSALE ROUNDABOUT

## SPECTRUM CASE STUDY

### THE NEED:

In early 2017 a highly trafficked busy interchange junction at the N40 Cork Ring Road, joining the N27 Kinsale Road, was showing signs of premature wear to the thermoplastic road markings.

With daily traffic counts in excess of 85,000 (AADT), a harder wearing alternative road marking material was required in order to reduce traffic disruption and ongoing maintenance costs of regularly refreshing the existing thermoplastic markings.

### SOLUTION:

Due to its hard-wearing characteristics and long-lasting track record, methyl-methacrylate (MMA) cold plastic road marking material was specified by Atkins Global on behalf of the client; Transport Infrastructure Ireland (TII).

All directional markings, symbols, arrows, pedestrian crossings, stop lines and lane lines were refreshed by Highway Markings Ltd in October 2017, using Meon's UltraLine MMA, which was applied over the existing worn thermoplastic markings after surface preparation & cleaning had been carried out.

### SUMMARY:

The application of UltraLine MMA has resulted in longer lasting road markings at this heavily trafficked junction meaning reduced maintenance, traffic disruption and associated costs. Life expectancy of MMA markings is predicted to be at least 3 times the life of thermoplastic markings at the same location.

### SYSTEMS USED:

UltraLine MMA Cold Plastic Road Marking Material



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