



# CASE STUDY

A27 Lancing, West Sussex

## OVERVIEW

The creation of a new roundabout on a major National Highways road and complete re-design of surrounding junctions.

Removal existing traffic lights and alteration of the road layout to not only provide access to a new housing development but also ease traffic flow on a newly created road.



**INDUSTRY**  
Highways – 12AB



**GOALS**  
Ensure minimum disruption to the local community & road users, whilst ensuring maximum safety



**RESULTS**  
Minimal disruption on a major National Highways Road combined with rapid response for emergency requirements

## WORK

A 24/7/365 high speed operation on a major part of the network linking the south coast. The works operate across a multitude of phases including creation of a site compound, vegetation clearance and the construction of a new roundabout on a major dual carriageway.

## THE SOLUTIONS

Partnering with our client and National Highways at design stage we have helped develop the programme phases and timings to allow for night-time working enabling 12AB high speed crews to provide a safe working environment for traffic management installation and switches.

24/7/365 maintenance with fully trained 12AB operatives on-site at all times together with Impact protection vehicles (IPV) and Traffic Safety Control Officer (TSCO).

Close liaison with not only the main client but also affected stakeholders ensuring the impact on the whole network is minimised.

## METHODOLOGY

Methods of traffic management mobilised

- Installation of Varioguard barrier
- Full time maintenance crew
- Night road closures & diversions of A27
- Installation of Varioguard barrier
- Creation of a temporary lane on the central reservation allowing 2 lanes of traffic in each direction at all times