Client
Skanska / Balfour Beatty

Project
M25 Widening J27 to J29

Location
Essex

Dates
2008 - 2009

Value
£1.2m

The Project
The project involved widening of 25.8 km of dual 3-lane motorway, to a dual 4-lane within the existing highway boundary, whist maintaining dual 3-lane operation.

Design included upgraded junctions, controlled motorway infrastructure and overall improvements to the environmental, operational safety and maintenance provisions of the motorway.

Our Involvement
As part of this project, we were commissioned to undertake the construction of gantry bases, retaining walls, lamp columns and post tensioned capping beams.

Challenges
Working on the UK’s busiest motorway, we had to ensure that access to our work areas was safe and we were protected by effective crash barriers.

Conducting regular meetings with our client helped reduce risks and safeguard our workforce.

Innovation
We prefabricated rebar structures and formwork off site, to reduce congestion in our work areas and keep the lane closures to minimum.

We also constructed reinforcement for the gantry bases and lighting columns off-site.

Key Achievements
Completed 6 weeks ahead of schedule.