



## HIGHWAY DESIGN

Since our formation, highway design has remained one of our core fields of expertise. We have designed projects ranging from schemes for the motorway and trunk road network to small scale works for local highway authorities.

We have extensive experience in highway design, which means we can support you in such areas as route identification, highway link and junction design, traffic signals, signs and road markings, traffic management schemes, parking layouts and residential and commercial estate layouts.

We carry out design work using our comprehensive in-house computer facilities which feature the latest software including the PDS infrastructure design package. Whatever the size or complexity of your project you can expect a thorough and professionally thought out design every time.

### PROJECT EXAMPLE: MILTON AND KEMSLEY DISTRIBUTOR ROAD, SITTINGBOURNE, KENT

PFA Consulting was responsible for the design of strategic highway and drainage works of an important new distributor road providing access for approximately 55 hectares of residential and commercial regeneration development.

The technical work included the appraisal and detailed design of a 2km length of distributor road with 4 new roundabout junctions and alterations to an existing grade separated junction on the A249 Trunk Road. Strategic infrastructure design included sustainable surface water drainage works, two foul water pumping stations and a new 2km length of twin pumping main linking the terminal pumping station with the sewage treatment works at Sittingbourne.

Summary of professional services:

- highway design appraisal
- detailed highway design
- drainage design
- pumping station design



engineering the future