



PROJECT PROFILE

Client: Martin Grant Homes

Location: Hampshire

Sectors: Residential, Retail,
Sports and Leisure

Services: Infrastructure Design,
Sustainable Drainage Systems

Project overview: A challenging design process for a roundabout to unlock a residential development, site supervision and approval for temporary works to enable construction

Added value:

- New public amenities
- Wildlife conservation and protection
- Improved road safety

Albany Park, Church Crookham

Keeping traffic moving during road improvement works was a test of Motion's infrastructure design capabilities in a project in Hampshire, where differing levels for a new roundabout layout created additional challenges for the team.

Construction of a roundabout on a busy stretch of the A287, has unlocked a residential development in Church Crookham. The complex project has been supported over a seven-year period by Motion, whose services have included detailed design for the roundabout and associated road widening, drainage and attenuation advice, and site supervision.

Martin Grant Homes is building 300 houses at the prestigious Albany Park site, along with a convenience store, sports pavilion, football pitches and public open spaces. The development will be served by a new dedicated access, also designed and supported by Motion.

A challenging technical design process was undertaken to meet the requirements of Hampshire County Council highways department, and obtain approval for the temporary works to enable the roundabout to be constructed whilst keeping two-way traffic flowing.

The original site of the planned roundabout was known as an accident blackspot and the busy route has had to remain open during the roundabout construction. The junction design was further complicated by a two-metre difference in levels. Two-way traffic had to be maintained while these were being built up. The project has also involved diverting vital utility infrastructure.



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