

## Project Information:

<b>Blackwell Role</b>	Main Contractor
<b>Form of Contract (Access Road)</b>	ICC Design and Construct
<b>Form of Contract (Junction)</b>	NEC Option A
<b>Contract Value</b>	£14M

## Blackwell Site Management:

### Contracts Manager:

Alan Day

### Project Manager:

Justin Downer

### Quantity Surveyor:

Phil Jobling



## Services Include:

**Civil Engineering**    **Earthworks**    Geotechnical    Remediation



## Background:

The Cheeseman's Green access project involved the construction of a new access road and junction adjoining the A2070 in Ashford, Kent. The 800m long access road will provide access to a future mixed-use development, which will form an integral part of the area's future growth strategy. This development will incorporate 1,100 homes and 70,000 square metres of business floor space with mixed-use community facilities, access routes, landscaping and public open space.

The creation of the access road involved the construction of two precast concrete beam bridges over the River East Stour, in addition to the construction of multiple flood culverts and a bridleway underpass. The interim junction at the A2070 was developed under a Section 278 Agreement with the Highways Agency and involved the construction of new road alignments, footpaths and traffic signals and the formation of a parallel embankment.



## Key Processes:

Key elements of the work included the following:

- The construction of an 800m long access road through the East Stour River floodplain.
- The formation of a new embankment adjacent to the A2070. The embankment was constructed using 90,000m<sup>3</sup> of excavated materials, predominantly soft alluvial soils.
- The construction of new road alignments, traffic signals and footpaths adjacent to the interim junction.
- The placing of corrugated steel culverts in groups within the embankments at seven locations along the access road.
- The construction of a 110m long reinforced soil wall along the gas main easement line.
- The diversion of statutory services, to allow for the increase in embankment and road widths.
- The reconstruction of 600m of carriageway on both the East & Westbound A2070.
- The construction of approximately 1,400m of combined footpath and cycleway.
- Construction works both on and adjacent to a high pressure gas main. Measures were taken to protect the gas main during these operations.
- The installation of 22 arched culverts beneath the embankment and 6 reinforced concrete box culverts to provide flood relief.
- The construction of foul water pumping stations.
- Landscaping, signage and street lighting operations.
- The diversion of British Telecom, UK Power Network, water and gas services and the provision of new service routes.
- The design and implementation of integrated traffic management plans.

