

### Project Information:

<b>Consultant</b>	Mott MacDonald
<b>Blackwell Role</b>	Main Contractor
<b>Form of Contract</b>	FIDEC with Particular Conditions
<b>Contract Start</b>	July 2010
<b>Contract Period</b>	28 weeks
<b>Contract Value</b>	£3,629,853

### Blackwell Site Management:

#### Contracts Director:

Niall Fraser

#### Contracts Manager:

Charles Ratcliffe

#### Project Manager:

Jeysen Mootien

#### Project Office:

##### Head Office:

Coggeshall Road, Earls Colne,  
Essex CO6 2JX

Tel. 01787 223131

Fax. 01787 223235



### Services Include:

Civil Engineering

Earthworks

Geotechnical

Land Surveying/Engineering



### Background:

The works involve the provision of infrastructure civil engineering works for installation of new security measures at both the Freight and Tourist vehicle departure terminal at the Calais Eurotunnel complex. The works include the construction of 11 no insitu reinforced concrete portal base units plus construction of two steel framed specialist inspection buildings with reinforced concrete foundations and floor slabs plus retaining walls, a switch room and various ducts, chambers drainage works and associated general infrastructure civils and mechanical and electrical improvements. The nature of the works within the high security Eurotunnel zone requires that the operations of the UKBA personnel and maintenance of traffic flow through the current passport control vetting booths to departing shuttle trains remains uninterrupted at all times.

### Key Processes:

The main elements of the works included the following:

- Excavation and construction of 2no 24m x 7m RC foundations slabs
- Steel erection and cladding with blockwork infill to buildings
- Mechanical and electrical services to buildings and booths
- Construction of 8no insitu RC portal frames to tourist departure booths restricted work 2no only at any time
- Construction of new lane 3 at Freight lorry terminal and installation of new plinths to existing 2no lanes—2no to remain open at all times
- Associate drainage modifications
- Installation of new cable routes and chambers
- Installation of automatic barrier gates, roller doors, signs and bollards
- Handling segregating and disposal of surplus arisings.
- Liaising with Eurotunnel and the UKBA to ensure seamless integration of the works within current Eurotunnel operations