



DYER & BUTLER

Case Study

North Terminal Long Term Car Park Safety Works



THE SUCCESS OF THE PROJECT WAS FOUNDED ON OUR ABILITY TO MAINTAIN NORMAL CAR PARK OPERATING CONDITIONS THROUGHOUT THE PROJECT.



Client: Gatwick Airport Ltd

Duration: March 2006 - March 2007

Location: Gatwick Airport

Form of Contract: NEC version 2 Option C

Value: £1.3 million

Civil Engineering and Building

CASE STUDY

NORTH TERMINAL LONG TERM CAR PARK

Requirement

It had been high-lighted the car parks layout & design did not conform to current best practice; therefore a sequential project of full refurbishment was identified by the owner, BAA Gatwick Airport Ltd. Although the majority of the zones were structurally acceptable it was identified that the surface course was nearing the end of its life, this combined with the numerous non compliant paint markings that would be needed to be removed identified a thin overlay.

Early Contractor Involvement

After consultation with BAA & TPS we proposed two construction options, these being overlaying the existing surface course with 25mm of 6mm SMA and raising the numerous chamber covers to the new level, or as an alternative if the number of covers that would need to be raised making this option uneconomical plane off 25mm of the existing surface and replace with 25mm of 6mm SMA. The benefit of the 2nd option was that the planings were recycled and kept on site for other BAA works

Scope

Circa 100,000m² of new surfacing (either overlay or planed of), new entrance way, kerb realignment surface water outfall upgrade, paint markings and safety hand rail

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Multi-disciplinary teams ensure efficient planning and execution of the work.