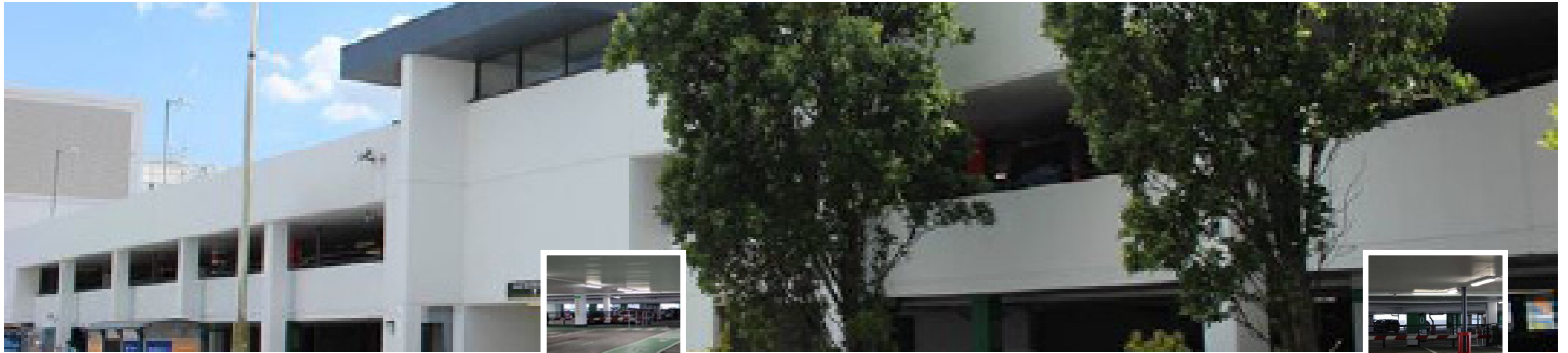




Project Fact Sheet
Terminal 1 -Dublin Airport



TERMINAL 1 - DUBLIN AIRPORT



Project: T1- Remedial Works to Multi Storey Car Park

Value: €4m

Client: DAA

Stage: Completed

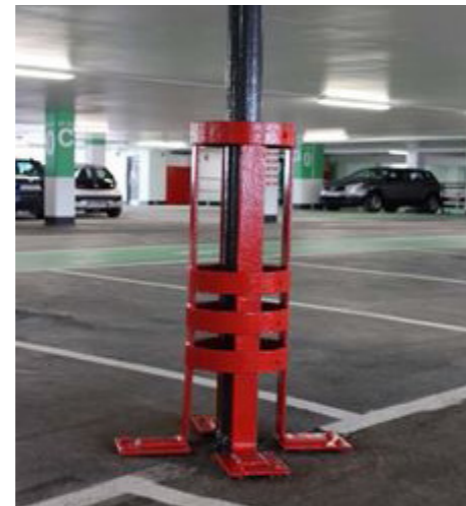
FACTFILE

The existing Terminal 1 Multi Storey Car Parks were built in the years 1993 -1998 Block A was opened in 1993 and has a capacity of 500 spaces Block B was opened in 1996 and has a capacity of 600 spaces Block C was opened in 1998 and has a capacity of 1,250 spaces All three car parks were required to be totally refurbishment with exceptions in some areas but with a view to upgrading the customer experience both internally and externally.

SCOPE OF WORKS

Discription Of Works

- Repair all structural defects including works to external facade.
- Repainting of the structure internally and externally, wall columns, ceilings including floor markings.
- Refurbishment of lighting and life safety systems
- Upgrade of the wayfinding internally and externally including road gantries
- Installation of new vents at high level on building facade.
- Repair/ Paint to link Bridge



The car parks are constructed of concrete post tensioned flat slabs to Blocks A+B and concrete post tensioned beams supporting concrete flat slabs to Block C.

The concrete structure is subdivided with mechanical joint lines running down through the structure typically at internal vehicular ramps and at the Atrium. There are a number of fire escape stair cores which are self supporting and independent of the main concrete deck. These abutments required flashing and new seals.

Selected mechanical/expansion joints were replaced and the existing waterproof membrane to the deck of Block A+B required localised repairs. The existing Atrium received a general strip down and clean up of circulation areas including new louvers. All surfaces were redecorated with the exception of the floor plate.

In the car parking areas new white line markings were applied and crossing line of the car parking spaces refurbished. Existing railings and guardings were redecorated in place. Where excessive corrosion had occurred the affected areas were cut back and/or reinstated.

All drainage systems were cleaned down and redecorated with some aco drains required to be replaced . Existing structural damages where identified by consulting engineers where cracking of ramps, columns and areas of slab were addressed



TERMINAL 1 - DUBLIN AIRPORT



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