

Extension Schiphol tunnel in A4 Motorway as a Taxi Airplane viaduct at Schiphol

Type of project

Electromechanical tunnel installations



Client

N.V. Airport Schiphol

In co-operation with

Technical Management

Project assignment

Design of the installations and site supervision including factory acceptance tests.

Country

The Netherlands

Location

Schiphol

Project duration

January 1989 - January 1993

Project phase

Completed in January 1993

Construction cost

€ 3.631.000,=
(excl. VAT)

Consultancy fee

€ 204.000,=
(excl. VAT)

Project description

For the construction of the taxi airplane viaduct South as extension of the existing Schiphol tunnel the mechanical and electrical installations needed to be extended and adjusted. The existing service building had, whilst remaining in full operation, to be relocated.

Scope of work

To set up the Terms of References and the outline design of:

- Central service building.
- Energy/transformer station.
- Tunnel installations.

To prepare a time schedule and operational manual for the relocation of the service building.

To carry out an investigation for the tunnel lighting and ventilation changes in condition with respect of the airplane viaduct construction acting as a tunnel extension.

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