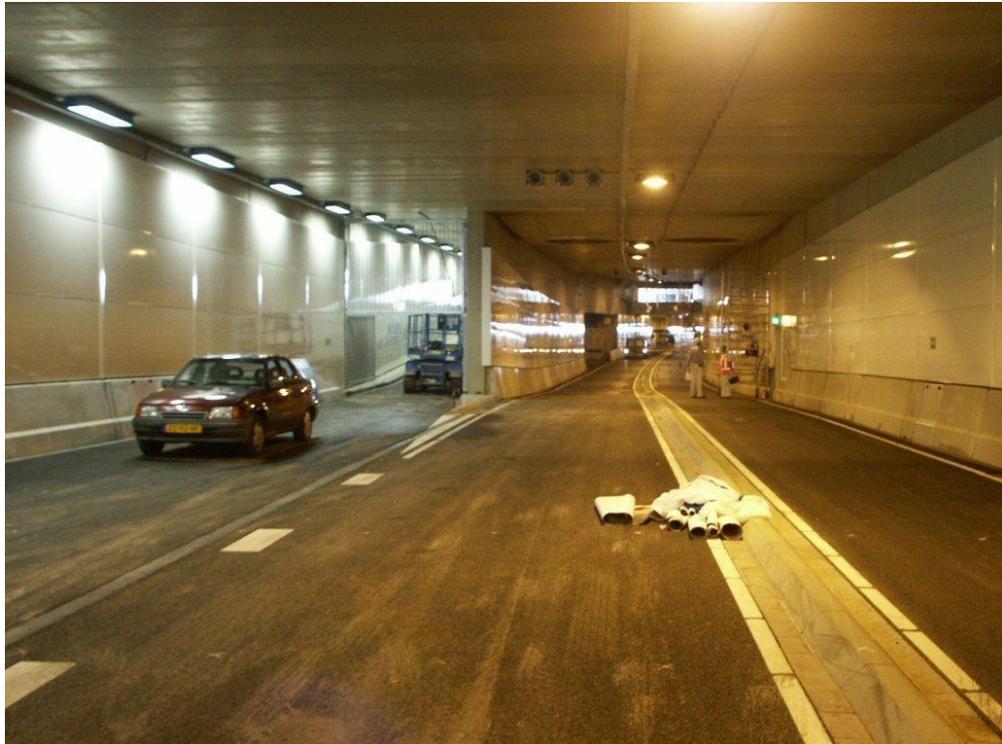


Project identification

Markt - Maas project

Type of project

Cut&Cover tunnel



Client

City of Maastricht

In co-operation with

Project assignment

Country

The Netherlands

Location

Maastricht

Project duration

2004-2006

Project phase

Completed

Construction cost

(excl. VAT)

Consultancy fee

€ 50.000,00
(excl. VAT)

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Project identification

Markt - Maas project

Type of project

Cut&Cover tunnel

Project description

The city of Maastricht has initiated the redevelopment of the inner-urban area between the market and the western bank of the river the Maas. The development includes the realization of a tunnel, a four-storied underground car parking station, with a shopping centre and municipal offices above it. The tunnel has a length of 400m, which includes separate entry and exit lanes which amounts to 700 metres of which 400 meters is closed.

Following the assignment for the design of the M&E installations, Royal Haskoning, partner of TEC vof was invited to advise on the maintenance of the M&E installations of tunnel. In cooperation with the Maastricht municipality management department, Royal Haskoning provided consultancy services regarding the management all technical installations in the tunnel as well as those used for tunnel surveillance. The following installations are maintained: fire ventilation, tunnel lighting, C2000 system, PA system, fire alarm installation, CCTV installation, controls, standstill detection, escape route marking and escape route lighting.

Scope of work

Royal Haskoning assists the municipality with the work, in which the knowledge and operation of the technical installations plays a role. Royal Haskoning carries out the following tasks:

- Supervision of the maintenance contract with the contractor;
- Planning corrective maintenance;
- Inspection and evaluation of the work by the contractor;
- Initiation of supplementary work related to improvement of the installation and changes in the use of the tunnel;
- Coordination of work that must be implemented within the interface between the car park and the super structure.