Project identification
HSL-Zuid, Zuid Holland Zuid
Tunnels Oude Maas & Dordtsche Kil

Type of project
Immersed tunnel

Client
Contractors joint venture HSL - Drechtse Steden
In co-operation with

Project assignment
Detailed design and consultancy upon subterrenean infrastructure

Country
The Netherlands

Project duration
2000 - 2003

Construction cost
€ 295.000.000,= excl. M&E works (excl. VAT)

Location
Barendrecht and Dordrecht

Project phase
Concrete works of immersed elements are finished and open accesses are in progress

Consultancy fee
Detailed design and consultancy € 3.500.000,= (excl. VAT)
Project identification

HSL-Zuid, Zuid Holland Zuid
Tunnels Oude Maas & Dordtsche Kil

Type of project
Immersed tunnel

Project description
The high speed railway line from Schiphol Airport to Antwerp. For this railway line a number of large works have to be constructed. Two of them are the crossings of the river Oude Maas and the river Dordtsche Kil which are done by immersed tunnels. The enclosed parts of the tunnels are 1500 m. The sections below the rivers will be constructed with the immersed tunnel technique, with seven elements of 150 m each. The cross section comprises two tubes with one track each. The tunnel is suited for trains with a cruise speed of 300 km/h.

Scope of work
Civil and structural:
- Detailed design.
- Structural calculations and drawings.
- Geotechnical and geo-hydrological advisory.
- Cost estimates and construction planning.
- Supervision on the execution of the works.