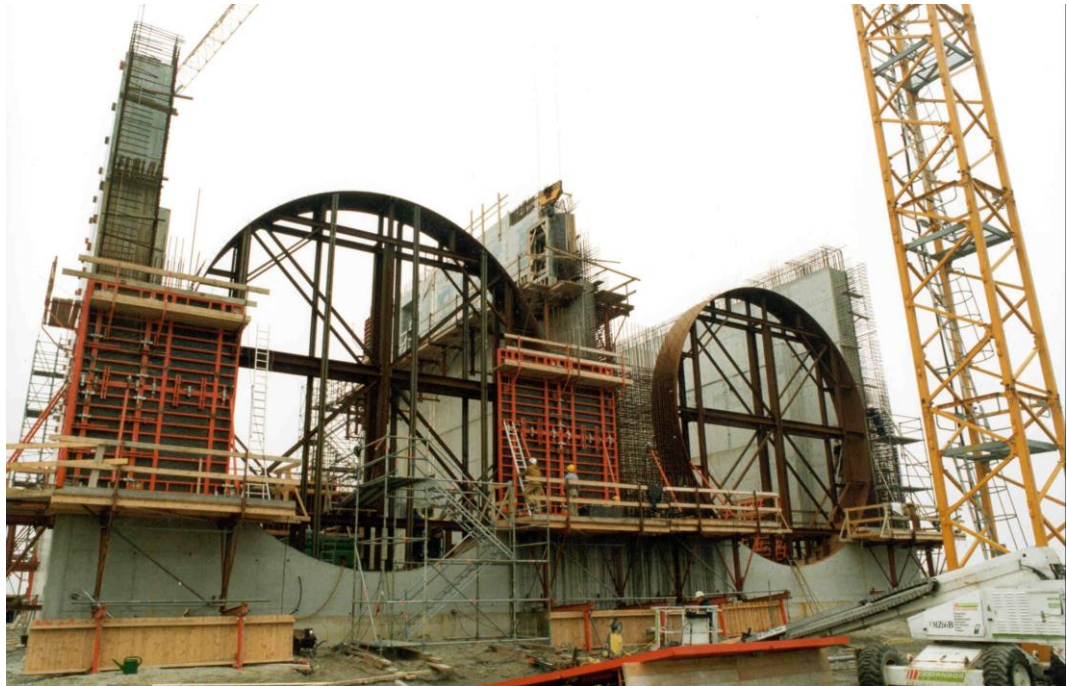


Project identification

# The Westerscheldetunnel

Type of project

Bored tunnel



Client

NV Westerscheldetunnel

In co-operation with

Ministry of Transport and Public Works, Tunnel Engineering Department

Project assignment

Review (detailed) design and site supervision

Country

The Netherlands

Location

Terneuzen, Zeeland Flanders

Project duration

1996 - 2002

Project phase

Completed March 2003

Construction cost

€ 613.000.000,=  
incl. M&E works (excl. VAT)

Consultancy fee

Appr. € 560.000,=  
(excl. VAT)

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Project identification

# The Westerscheldetunnel

Type of project

Bored tunnel

Project description

The Westerscheldetunnel is a bored tunnel in soft soil and accommodates a dual carriage motorway in two tubes. The bored tunnels have an inner diameter of 10.1 metres, approximately 6.5 km long and reaches to a maximum depth of 60 metres below sea-level. The total length of the crossing is about 7.0 km long. Transportation of hazardous goods is acceptable according to the category I tunnel classification. For safety reasons both tubes are connected with cross connections every 250 metres.

Scope of work

Reviewing the contractors detailed design of the bored tunnel, cross connections and access ramps; reviewing work method statements, quality plans and construction planning; monitoring of investigations for the design (fire-tests, freezing test for cross connections); advice with respect to local damage of lining during construction.

