



E18 National Frontier – Ørje

Impact assessment, zoning plan, design and tender documents



Norway port seen from the E18 direction west | Illustration: DOF

The E18 highway from the frontier with Sweden to Ørje is one of Norway's most important cross-border routes, and is 6.3 kilometres long. It is being built as a two-lane motorway with central reservations and passing sections. Grade-separated intersections are being constructed in central Ørje, at Sletta and at the frontier. County road (Fv) 21 crosses the new E18 by the Norway Gate (Norgesporten) overpass, a spectacular steel cable-stayed bridge with a 50-metre-high tower which will help to serve as an identifier. Twenty-four different species of dragonflies have been recorded at Brutjerna.

In addition to the E18 itself, the development incorporates slip road clearances, seven bridges, one culvert, local roads, pedestrian and cycle lanes, lay-bys, stopovers, a public transport terminal, a toll plaza and logging roads.

Preliminary plans call for construction to start in 2015 and to be completed in 2017.

PROJECT

E18 National Frontier-Ørje

PROJECT TYPE

Impact assessment, zoning plan, design and tender documents

LOCATION

Mark Municipality, Østfold county

CLIENT

Norwegian Public Roads Administration, eastern region

TIME PERIOD

2011 - 2017

KEY NUMBERS

6.3 kilometres of new E18 | Three grade-separated intersections | Eight structures

SCOPE OF WORK

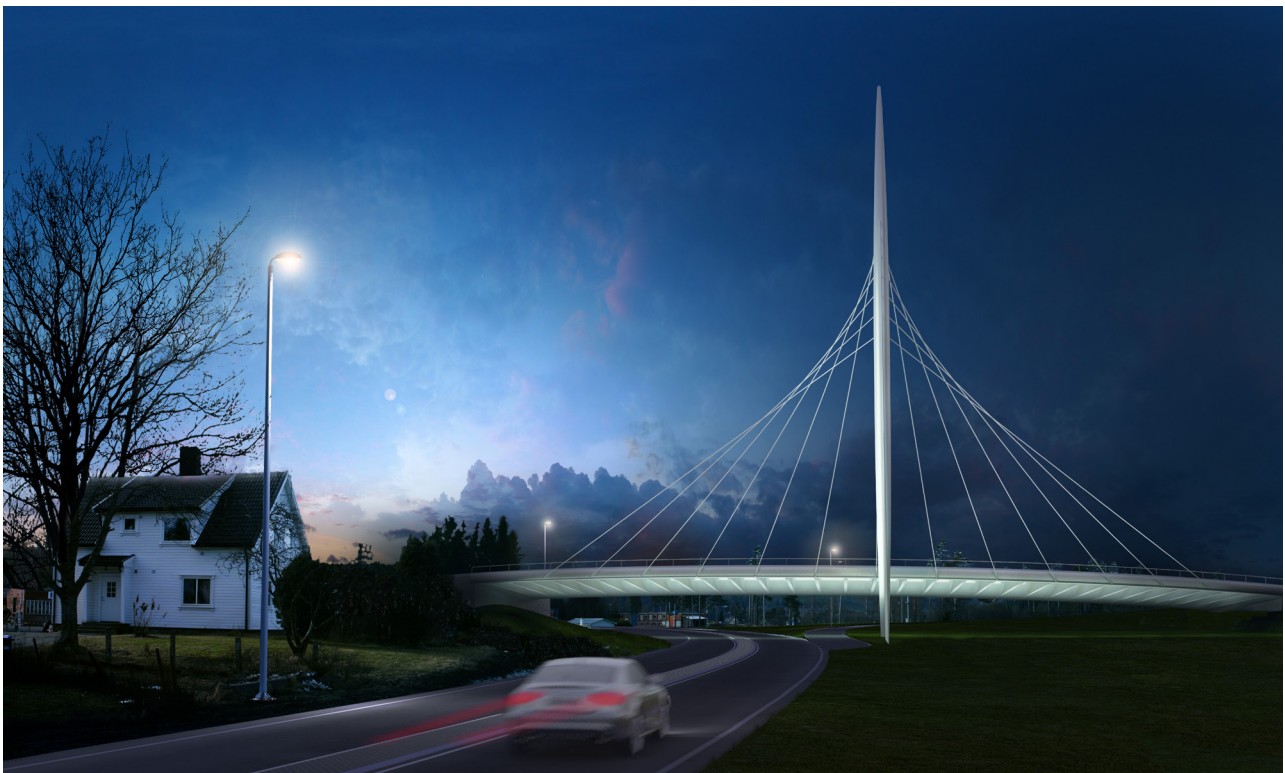
Multiconsult is preparing the local authority subplan with associated impact assessment, detailed/zoning plans and construction plans, including complete tender documents, for the E18 from the frontier with Sweden to Ørje. The road is being constructed as a two-lane motorway with central reservations and one passing section in each direction. Three grade-separated intersections.

OUR SERVICES

- Impact assessment
- Soil surveys
- Detailed/zoning plans
- Preliminary project structures
- Detailed design
- Natural environment plan
- Visualisation/3D
- Noise abatement measures
- Cost estimates
- Phase plans
- Safety, health and the working environment
- Construction plans with complete tender documents
- Supervision of construction phase
- Data on the completed road

DISCIPLINES

- Highway engineering
- Water and drainage
- Electrical engineering
- Structural engineering
- Geotechnology
- Landscape architecture
- Acoustics
- Civil engineering
- Environmental surveying



Norway port seen from fv. 21 heading south | Photo: DOF

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