Project Model – Major Construction Projects

Vejdirektoratet
Danish Road Directorate

1. Preliminary Investigations

Project Management
- Project management
- External quality assurance

Area and Basis
- Maps and geodata
- Area use
- Utilities
- Geotechnics
- Area analysis and - budget

Road
- Road Design
- Environment
- Visualisation
- Structures

Traffic
- Traffic flow

2. EIA Investigations

Project Management
- Project management
- External quality assurance

Construction Cost Estimates
- Construction cost estimates

Area and Basis
- Maps and geodata
- Legal matters concerning property and adjoining properties
- Utilities
- Archaeology
- Administration of property

Road
- Road Design
- Structures
- Drainage
- Geotechnics
- Aesthetics
- Visualisation
- Traffic management

Calculations of Traffic and Effects
- Calculations of Traffic and Effects

Nature & Environment
- Nature and Environment

Traffic
- Traffic flow during construction
- Traffic flow after completion of construction

3. Project for Supervision

Project Management
- Project management
- Technical project management Technical responsibility
- Aesthetics

Communications
- Communications

Tender
- Procurement Process Consultant

Area and Basis
- Maps and geodata
- Inspection
- Foreign utilities
- Noise calculations
- Administration of property

Road
- Road project
- Health and Safety
- Geotechnics
- Drainage
- Directions
- Structures
- Traffic management
- Traffic light system

Nature & Environment
- Nature and Environment

Traffic
- Traffic flow

4. Project for Construction

Project Management
- Project management
- Technical project management Technical responsibility
- Aesthetics

Communications
- Communications

Procurement
- Procurement Process Contracts

Area and Basis
- Maps and geodata
- Land acquisition
- Foreign utilities
- Noise calculations
- Administration of property

Road
- Project follow-up, Design-build contract
- Road project
- Health and Safety
- Geotechnics
- Drainage
- Street lighting
- Traffic light system
- Directions
- Structures
- Traffic management

Nature & Environment
- Nature and Environment

Traffic
- Traffic flow

5. Construction

Project Management
- Project management
- Technical project management Technical responsibility

Communications
- Communications

Area and Basis
- Property owners and cadastral confirmation
- Maps and geodata
- Noise calculations
- Administration of property

Road
- Contract management, Design-build contract
- Contract management
- Project follow-up
- Traffic management

Traffic
- Traffic flow

6. Completion of Project

Project Management
- Project management

Area and Basis
- Follow-up on compulsory purchase
- Administration of property

Road
- Defects liability period