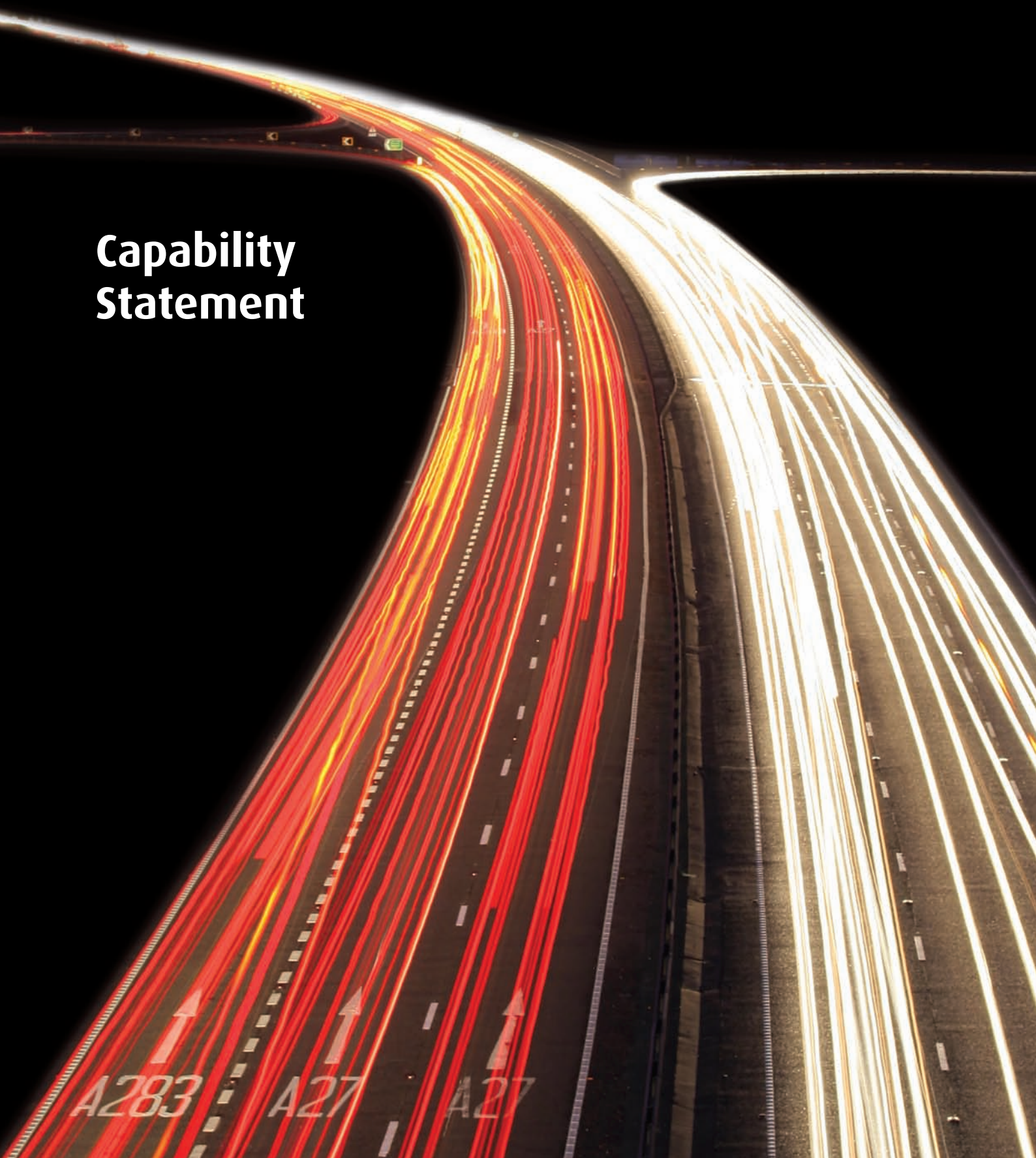




**Strategic[®]
Highways**

Civil Engineering Consultants

Capability Statement



- > Consulting Engineers
- > Highway Design
- > Traffic and Transportation
- > 3D Visualisation
- > Project Management
- > Development Control

Hoy & Dorman's specialist services company, Strategic Highways, delivers major highways and transportation projects. Our unique skills in this sector mean our clients receive an innovative, versatile, high value and focused service.

As a leader in highway and infrastructure engineering, we resource the professional skills required for all types of projects with services extending from feasibility, preliminary and detailed design to construction/completion of a wide range of schemes.

Highways and Infrastructure

We offer comprehensive solutions to complex roads issues using innovative techniques to achieve the required goals. To identify an optimum scheme within a route corridor we consider a balance of environmental and social impacts, land use and landscaping, economic values and affordability. We provide the following services:

- > Feasibility Studies
- > Scheme Assessment and Selection
- > Highway Engineering and Design
- > Technical Highway Design Checking/Review
- > Geotechnical Investigation, Interpretation and Design
- > Road Safety Audit
- > Public Consultation
- > Statutory Procedures
- > Public Enquiry
- > Traffic Surveys
- > Contract and Site Supervision

3D Visualisation

Through innovation and the complementary use of 3D animation software, we present spectacular visualisation solutions of both conceptual and detailed highway designs. For example, alternative designs can be viewed from engineering, landscaping, community and driver perspectives.

Detailed Roads and Infrastructure Design

This phase of a project can be complex and requires skilled Chartered Engineers to complete a package of work on time and to budget. We use state of the art software to deliver advanced design solutions. Our services extend to:

- > Detailed Highway Design and 3-D Modelling
- > CAD Documentation
- > Procurement, Tender and Contract Documentation Preparation
- > Value Management
- > Cost Consultancy

Project Management and Procurement

We have extensive experience in providing a range of services including:

- > Programme Management
- > Project Monitoring
- > Risk Management
- > Budgetary Control and Financial Reporting
- > Dispute Resolution
- > Key Stakeholder Management
- > Employers Agent Services
- > DBFO, NEC and ECI forms of Contract

Traffic and Transportation

Strategic Highways has extensive experience in providing realistic, balanced and informed advice to clients on a range of traffic and transportation projects of all sizes. Our areas of expertise include:

- > Transportation Engineering and Planning
- > Traffic and Transportation Assessment
- > Traffic Signal Design and Optimisation
- > Temporary Traffic Management at Road Works
- > Parking and Traffic Surveys/Studies
- > Travel Plans and Parking Studies
- > Highway Safety Engineering
- > Road Accident Investigation

Planning and Development Control

This service provides invaluable guidance for developers, planning consultants, architects and local authorities alike. We provide independent advice on development access to the road network together with design services for all aspects of internal infrastructure layout. These services include:

- > Commercial Planning Advice
- > Residential, Commercial and Industrial Infrastructure Design
- > Planning Policy Advice and Guidance
- > Service Management Plans
- > Feasibility Studies for Potential Development Land

Intelligent Transportation Systems (ITS)

Strategic Highways partners leading specialists in the delivery of advanced information and communication technology to transport infrastructure and vehicles. Our services extend to:

- > Intelligent Transportation Systems Engineering Consultancy
- > Design Review Services
- > Contract Documentation and Administration
- > DBFO Client Support Services