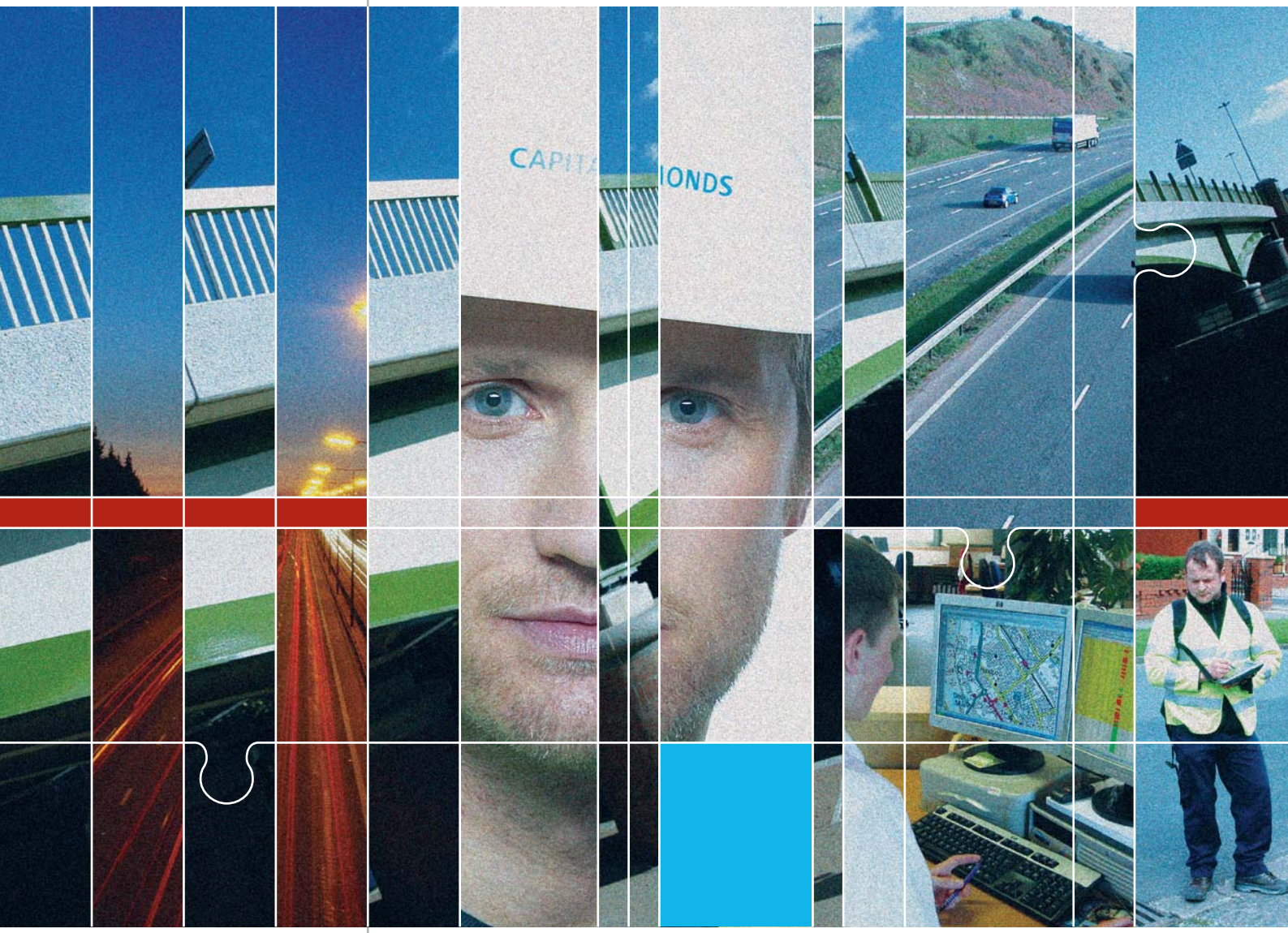
highway asset management



CAPITA SYMONDS

successful people, projects and performance

integrated solutions for

highway asset management

Through the delivery of tailored services, our asset management teams have successfully helped local authority and private sector clients implement effective highway asset management practices. Our integrated approach optimises highway maintenance investment by reducing lifecycle costs and improving asset performance while minimising risk and liability.

We use sound asset management techniques that require a detailed understanding of material performance and deterioration, aiming for preventative rather than reactive maintenance solutions. We have particular expertise in value management of highway maintenance and renewal programmes, drawing on specialist skills to develop optimised long-term maintenance programmes. We can also assist in the development of an appropriate culture to support successful asset management practice.

At a time when changes in our climate are projected to affect the management and maintenance of our infrastructure, we are able to help clients assess the likely impact of climate change on maintenance planning.

asset management plans
asset management software systems
asset valuation
climate change impact mitigation strategies
condition surveys
data collection, management and interpretation
efficient procurement advice
GIS services
highway safety inspections
life cycle cost analysis
maintenance funding needs analysis
maintenance planning and prioritisation
maintenance policy development
materials advice
network health checks
network modelling
pavement deterioration modelling
pavement engineering
systems and process review and gap analysis
value management processes

CAPITA SYMONDS

Carlisle Northern Development Route

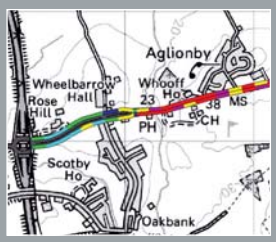
Cumbria County Council

Capita Symonds is Cumbria County Council's PFI Technical Adviser for this £150m project. Typical asset management services have included inventory collection and data management, asset condition assessment, deterioration modelling and whole life cost analysis.
Date: 2001 - ongoing

Salford Highway Network

Salford City Council

Capita Symonds is a partner in the 'Urban Vision' joint venture. We have supported an asset management approach, including asset management plan development, lifecycle planning, value management procedures, asset valuation, inventory collection, condition surveys and GIS applications. Date: 2005 - ongoing



Lancashire Highway Network

Lancashire County Council

We are delivering a rolling programme of highway safety inspections using sophisticated hand held data collection devices and integrated GPS/GIS, we have also undertaken a tree safety survey and risk assessment and advised on a tree risk management system.
Date: 2003 - ongoing

Cumbria Highway Network

Cumbria County Council

Asset management services provided include maintenance policy and asset management plan development, maintenance prioritisation, value management, condition surveys and deterioration modelling, asset valuation, pavement engineering, inventory collection, network modelling and GIS mapping. Date: 2001 - ongoing

Devon & Cornwall Trunk Road Network

Parsons Brinckerhoff

We provided value management services to support major maintenance and renewal bids to the Highways Agency, including scheme identification, condition surveys, whole life cost analysis, maintenance optimisation, GIS mapping, network modelling and materials recycling advice.
Date: 2001 - 2006

A69 DBFO, Northumberland

North Pennine Link Group

Capita Symonds provided a pavement management system, assessed the current condition of the highway and footways, compared alternative whole life costs of maintenance options, collected inventory data and provided technical expert advice. Date: 2003 - ongoing

Paradise Street Development, Liverpool

Laing O'Rourke

Capita Symonds provided specialist condition surveys and insitu testing, as well as materials and pavement engineering advice, design options and specifications for highway works, service yards and a bus layover facility.
Date: 2004 - ongoing

Magna Park Distribution Centre, Leicestershire

Magna Park Management Ltd

Capita Symonds carried out condition surveys, developed a maintenance policy, identified, prioritised and designed maintenance works, developed material specifications and contract documents and supervised works.
Date: 2005 - ongoing

www.capitasymonds.co.uk/assetmanagement

For further information please contact:

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