Any form of built development will require consideration of its impact in transportation terms, particularly its accessibility, the likely traffic that it will generate, and the ability of the existing or improved public transport network to service the development.

From the earliest stages in the planning process, SLR works to quantify the likely development impact and provide accurate and timely advice on the most appropriate and cost-effective forms of mitigation, where necessary.

Our aim is to offer clients the opportunity to achieve the maximum potential of development sites through the provision of tailored expert advice in the field of highways and transportation planning.

HOW CAN SLR HELP?

- **Feasibility Appraisals** to assess a site in the context of transportation, the potential restrictions to development in terms of access or road capacity, and advice as to the development potential of the site.
- **Transport Assessments** to consider the impact of a development on the surrounding transportation network. Although primarily related to road traffic, the accessibility of a potential development by non-car modes such as public transport, walking/cycling is often a key factor in determining the suitability of a site. Our transportation team is able to work alongside other technical disciplines to provide a complete service in the preparation of planning applications and Environmental Impact Assessments.
- **Traffic Modelling** to establish the capacity of the road network under existing and ‘with development’ traffic conditions using bespoke software such as PICADY, ARCADY & LINSIG.
- **Travel Plans** are commonly required for new developments and can help minimise the negative impact of travel on the environment. Based on a wealth of experience, we can research, design and implement travel plans for a variety of sectors including residential, businesses, hospitals and schools.
- **Highways Design** with services ranging from swept path analysis through to outline and detailed design of highways schemes. This includes all elements of highway works, including horizontal and vertical layouts to appropriate design standards, road pavement design, signage and road marking design, drainage and detailing.
- **Implementation of road schemes** including the setting up of appropriate legal agreements (e.g. Section 278 Agreements), preparation of construction specifications and contracts, tendering and administration of construction projects.
SLR CAPABILITIES

A team of transport planners and highway engineers with extensive experience in the planning and design of highways projects for public sector, private and commercial developments.

Detailed knowledge of design standards, assessment techniques and procedures relating to transportation design.

A proven track record in providing clear and considered advice in respect of site development.

We also pride ourselves on our ability to provide accurate and timely advice to our clients, helping to minimise the need for prolonged and protracted negotiations with the relevant authorities.

We have amassed considerable skill in identifying the key issues pertinent to each individual site and an ability to mould technical arguments to be supportive of the case for development.

A network of teams and support services throughout the UK, Ireland and South Africa.

BUSINESS SECTORS

Our team has extensive experience of working in the following sectors:

- Built Environment
- Infrastructure
- Mining & Minerals
- Power
- Oil & Gas