



Traffic & Transport Planning

Our Traffic and Transportation team provide support to clients through all stages of the planning process, from preliminary site appraisal and pre app, through to discharge of conditions or, when necessary, planning appeals.

We deliver results for our clients that conform with local and national policy, working within the constraints of the transport network and maximising opportunities for sustainable solutions. We operate for both public and private sector organisations across a wide range of projects types and development land uses.

In conjunction with investigating and implementing sustainable transport measures, we provide solutions to reduce traffic conflicts, to manage road capacity and enhance road safety. These range from simple improvements to the layout of junctions to bus lanes, signage, carriageway markings, parking, traffic calming and new technology traffic systems.

- > Feasibility Studies
- > Transport Appraisals
- > Travel Plans
- > Traffic Impact Assessments
- > Public Transport Assessments
- > Transport Business Case Development
- > Negotiations of Section 106 and 278 agreements
- > Negotiation and Implementation of Traffic Management Schemes
- > Layout and Access Reviews and Design Solutions
- > Transport Assessments and Statements to support planning applications
- > Expert Witness at planning appeal hearings and public enquires



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Transport Modelling

We can supply a full range of transport modelling support to complement our wider transport planning services, from standalone junction capacity assessments, through network and corridor microsimulation models to area-wide strategic transport models to support development and Local Plan processes.

- > Strategic (SATURN/VISUM)
- > Micro-simulation (VISSIM/AIMSUN/PARAMICS)
- > Local/Junction (ARCADY/PICADY/LinSig)

Vision-Led Development Assessment

C&A have developed a bespoke methodology for providing multi-modal appraisal of the relatively new concept of 'vision-led' development. Moving away from the historic 'predict & provide' approach we can assist in identifying a future vision for the development in accessibility and digital connectivity terms.

Using specifically prepared tools, we can assess existing transport provision on key travel corridors, identify sustainable travel interventions in response, and forecast the impact of these to provide an aspirational modal split scenario. The aspirational scenario is then assessed in traffic impact terms alongside other plausible transport outcomes to overcome inherent uncertainty in forecasting the future. This process is known as 'Decide & Provide' or 'Vision & Validate'.

C&A supports the 'vision-led' approach, which provides the opportunity to set out a preferred future scenario, which aligns with current policy and prioritises sustainable travel modes, and to provide the infrastructure means to work towards that aspiration while building in contingency to accommodate uncertainty.