



Traffic Signal Design

As roads get busier and congestion increases, traffic signal control is an increasingly important tool in the management of the highway network.



Sanderson Associates have the knowledge and experience to provide a full traffic signal design package from feasibility, through initial and detailed design, the preparation of controller specification forms and MOVA datasets, installation supervision and on site commissioning.

To do this we use a suite of specialist traffic signal software including Linsig, Transyt and KeySignals.

During the feasibility stages of design we will prepare capacity assessments of either stand alone junctions or networks in the vicinity of a site to assess the impact of the proposed development on the existing highway infrastructure. The findings from these capacity assessments are used to design the most efficient junction layout possible within the on site constraints.



Once a solution has been reached, detailed traffic signal layouts will be produced, these may be for stand alone Puffin / Toucan / Pegasus facilities, junctions or signal controlled roundabouts.

Our recent schemes include converting two existing priority junctions to signal control to serve a new retail development in Hull, the conversion of a signal controlled T junction to a crossroads to allow access to a new supermarket in Birmingham and the complete redesign of a key route into a major City in the North to accommodate a retail park expansion.

Request a fee quote

If you wish to request a fee quote then you may do so by calling us on 01924 844080 or, alternatively by completing our online fee request form at:

www.sandersonassociates.co.uk