



TRAFFIC SIGNALS

From simple pedestrian/cycle crossings to complex junctions, we have experienced and fully trained engineers who can provide a comprehensive traffic signal design and management service for your project.

We carry out all aspects of data collection and analysis and traffic modelling is carried out using the latest software. Indicative signal junction designs providing alternative solutions at the early stages of development can be prepared quickly and effectively.

Traffic signal layout drawings and TR2210 junction controller specifications are produced using appropriate control systems; VA, MOVA, UTC/SCOOT and BUS PRIORITY. Modifications to existing sites, sequential changes for major construction projects and temporary signal design can also be produced.

The design and implementation of all stand alone pedestrian/cycle crossings; Pelican, Toucan, Puffin or Pegasus, are regularly undertaken. Safety Audit and Design Risk Assessment documentation ensures compliance with the CDM Regulations.

PROJECT EXAMPLE: A350 WEST ASHTON CROSSROADS, TROWBRIDGE

To accommodate predicted additional traffic from major development in east Trowbridge PFA Consulting has designed modifications to the crossroad junction adding a dedicated A350 left turn lane together with the design and implementation of MOVA traffic signal control.

Summary of professional services:

- evaluation of existing junction capacity
- examination of early cut-off versus split stage control for side roads
- programme of works to modify existing signals and install new equipment
- preparation of new controller specification
- final signal commissioning

engineering the future