

## CASE STUDY



## Hertfordshire Schools Programme

**Client:** Hertfordshire County Council

Hertfordshire County Council commissioned Plowman Craven to undertake topographic surveys and buried services surveys at thirty schools across the county. The surveys were to be used in the redevelopment of the schools and the client's program demanded that the works were completed within eight weeks.

In order to capture site data, undertake processing, CAD drafting and quality assurance checking within such tight time frames, effective use of our large number of skilled staff and specialist equipment was paramount.

By using robotic total stations, experienced surveyors were able to work individually instead of in teams of two as with traditional survey methods. This meant that data could be collected at numerous sites in parallel.

Topographic surveyors were accompanied on site by specialist in-house buried services survey teams. Buried services were detected, identified and surveyed as part of the topographic survey, creating one deliverable with all the required data.

Data was immediately passed to a Plowman Craven CAD team as it was collected. This allowed surveyors to remain on-site and continue with data collection. Upon completion, senior staff undertook rigorous quality assurance of the drawings prior to delivery.

A dedicated Project Manager ensured that the large volumes of high quality and consistent topographic and buried services survey data were delivered within the tight program constraints.

By being awarded large volumes of work in one contract, Plowman Craven was able to offer discounted rates and highly competitive pricing.

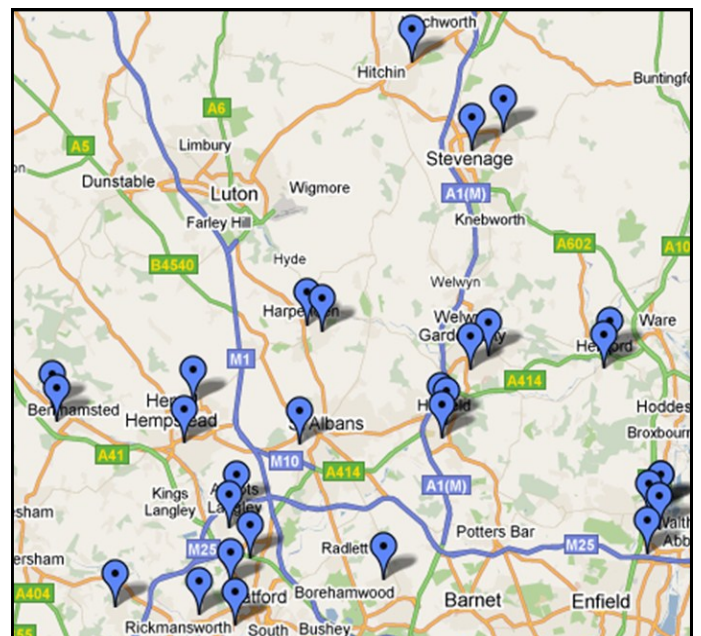
The main project was also followed up by further contract awards by the project principal contractor, Mace.

### Related Services:

Topographical Surveys; Underground Utilities Mapping

### Related Market:

Education



### About Plowman Craven

Plowman Craven provides integrated measurement and consultancy services to the property and infrastructure markets, pioneering the use of technical innovation to deliver proven expertise and trusted results throughout the project lifecycle.

#### Head Office

Plowman Craven House  
2 Lea Business Park, Lower Luton Road  
Harpenden, Herts. AL5 5EQ  
Tel: +44 (0)1582 765566

#### London Office

115 Southwark Bridge Road  
London  
SE1 0AX  
Tel: +44 (0)20 7490 7700

Email: [post@plowmancraven.co.uk](mailto:post@plowmancraven.co.uk)