



## Bituminous Coring Case Study

**Client:** Buckingham Group Contracting Ltd

**Project:** Rowley Road, Coventry

**Services:** Bituminous Coring, Handheld DCP, Laboratory PAH Testing

### About the Site

Rowley Road is just over a mile long and runs from the junction of the A45 on the South-East side of Coventry, parallel to Coventry Airport, heading South-Westerly to the village of Baginton.

On the opposite side of the carriageway to the airport, there are some existing lorry parks and distribution centres.

Our client was undertaking enabling works for a large industrial estate/trading park that will be located on the current farm land close to Baginton village.

### Requirements

Construction Testing Solutions were asked to attend site and carry out a series of highway cores, with DCP testing into the formation below to determine CBR % values.

We were also contracted to undertake a thorough visual condition survey of the full length of the carriageway.



*“Works were carried out efficiently and to a high standard; which helped to keep the costs of the Traffic Management Team to a minimum.”*

**Project Manager, Buckingham Group.**

## Why Construction Testing Solutions?

Construction Testing Solutions offer a range of materials testing services to match any requirement; from essential on-site testing to bespoke, mobile UKAS laboratories.

With expanding laboratory set-ups located throughout the UK, we have been providing materials testing services to contractors, designers, local authorities and materials suppliers for more than a decade.

We conduct tests related to all aspects of construction materials; including earthworks, aggregate, asphalt and concrete testing. Our portfolio of complementary services includes structural assessments, pavement inspections and asbestos surveying and quantification.

## Results

Conclusive results we obtained for the CBR % values of the substrate beneath the bituminous layers.

Laboratory testing helped clearly define any areas that contained coal tar within the bituminous layer; highlighting areas where coal tar may have been used during the original construction of the carriageway.

Identifying these areas will help save the client money in the long-run, as it eliminates the need to send all the existing carriageway material to landfill.



“Core and DCP reports were delivered in good time, as were the subsequent laboratory test results.”



## Construction Testing Solutions

### Construction Testing Solutions

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