

The background image shows several cylindrical concrete cores of varying sizes and colors (grey, light blue, dark blue) stacked on a dark surface. Next to the cores are several white labels with black text, some of which are partially obscured. The labels contain numbers and the text "/ 14".

Streetworks coring service

Improving your highways

Delivering excellence in
the built environment

Statutory undertakers, such as utility companies and contractors, often need to carry out street works on the local authority highway network.

However, when these organisations fail to carry out highway repairs to the required legal standards then premature road condition problems can occur in the future such as unnecessary potholes, dips in the road and uneven road surfaces.

This can end up being very costly for the highway authority to repair and will also cause unnecessary future disruption to the road user while repairs are being completed.



What is coring?

Coring is a tool used by a local authority to extract samples of the highway and test them against industry standard specifications.

Using a UKAS accredited laboratory, the samples are taken from the statutory undertakers reinstatement/repair and tested for material type, depth and density compliance.

How can we help?

Our experienced highways specialists can carry out the core sampling and testing of utility reinstatements on your highway and determine if the repairs comply with the appropriate specifications. We carry out testing in our own UKAS accredited Laboratory to ensure efficient turnaround times.

If any samples are found to fail we work with the statutory undertaker to ensure the highway is replaced to the required standard and to help them improve their future performance. We will also work closely with them to ensure any costs are paid accordingly.

What's the solution?

By completing core testing, a highway authority can ensure that repairs carried out by statutory undertakers are completed to the legal specified standard. If the repairs are not found to be to the required specification then the statutory undertakers can be made to comeback and complete the repair correctly and to pay all the costs of doing so.

The benefits

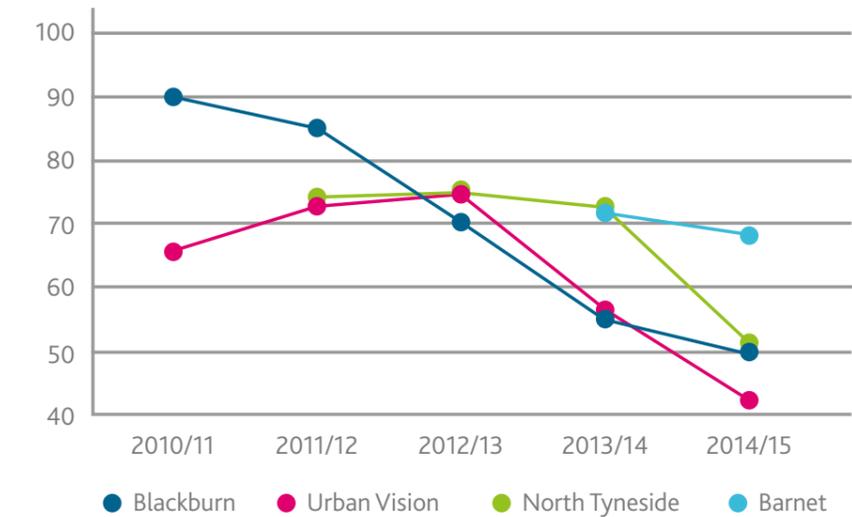
By introducing coring on your highway network it will:

- > Generate financial savings
- > Reduce disruption
- > Generate better road conditions
- > Encourage behavioural change

Our experience

We've carried out coring services on behalf of Blackburn with Darwen Council, Salford City Council, London Borough of Barnet and North Tyneside Council. The below chart shows the performance of the coring service for these authorities.

Local Authority failure rate (%) after the coring implementation



Industry benchmarking has shown long term sustained core test failure rates lie in the region of 60% to 80%, it is the hope and aim of many Local Authorities who implement a coring programme that these core

failure rates will drive behavioural change in statutory undertakers to improve the quality and process of reinstating our highways.

Improving road conditions in Salford

In the **City of Salford**, there are around **8000 excavations** from statutory undertakers every year. On behalf of the Council, **Capita** carry out **core testing** on approximately **50%** of these excavations.

In **2011**, **80%** of the core samples carried out on these excavations, showed that the repair was not completed to the correct standards resulting in a fail. After completing core testing for the Council over a five year period, the failure rate has now dropped to **35% (in 2016)**. This shows that utility companies have really changed their behaviours and are now completing the majority of repairs correctly on their first reinstatement visit.



Did you know?



We offer an **end to end service**, including initial inspections, coring, sampling, lab services and managing all communications and rectifications of the reinstatement with statutory undertakers.



We have access to subject matter experts to ensure we perform and **high quality** and **efficient service**.



We can **work anywhere** in the **UK**.



We offer **support and mentoring** to local authority employees to learn from our methods of delivery to enhance the knowledge of the Council's own people.



We have our own **UKAS** accredited laboratory.

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