



Working for the GCA Alliance a 9,000 m² piling mat was constructed with RoadCem from the existing weak silt clays

Shortly after a RoadCem presentation the GCA Alliance team based at Lingley Mere, Warrington.

The area to be treated was mainly made ground with a high organic silt content.

A request was received for engineered designs for a soil piling mat for use with Bauer BG40 Piling rig.

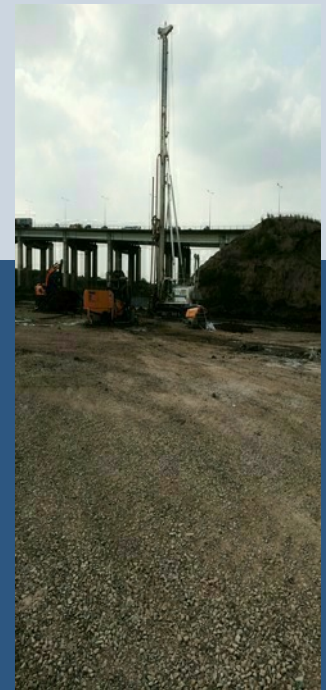
In addition to buried foundations the remains of a number old piles were excavated during construction.

A certified design based on BISAR design software was produced by Rogers Leask Consulting Engineers of Derby.

The soil piling mat ensures a safe flat platform with no raised edges.

The work was carried out by our contractor DNS (Midlands) Ltd.

With no deflection from stone no snags



The high E Modulus and improved visco static behaviour of the RoadCem soil mat. Will prevent cracking and bounce during the piling programme.



Allowing engineers during their design process to retain the mat in-situ, as a blinding base or actual foundation element.

During stabilisation several tonnes of house bricks, concrete and reinforcing steels, were relocated to the far corner of the site.

For this application a thin gravel surface was added to give extra traction and avoid any dust created during piling.