



CFA Auger rig piling on the very edge of the RoadCem stabilised soil piling mat



“Generally the alluvium comprised a very soft to soft/ firm orange brown to light grey silty organic clay, with a strong organic odour.”

Working to designs prepared by Rodgers Leask consulting engineers Ltd based in Derby.

Geofirma Soils Engineering Ltd constructed piling mats, access roads and car parking areas for the new headquarters of leading UK transport company Maritime Transport.

The design was a large dual height working platform constructed to a depth of 300mm from the in-situ site soils, with no imported stone or surface protection needed.



Advantages of using RoadCem technology in the overall design.

- Construction of a whole area weather proof working platform to final site levels.
- Full use of all existing site soils and materials.
- On this site auger piling was used, driven and sheet piling works equally well with the visco elastic properties of RoadCem soil concrete.
- With zero cracking and minimum break away, the RoadCem mat is an ideal foundation base as blinding, site roads and car parks
- The sustainable use of RoadCem soil concrete technology can save time and cost when it becomes part of the initial construction design.



The Weather during the construction programme was exceptionally wet and at times the site did become waterlogged.