



Barking Railway Extension

June - Sept 2019

Lime Modification & Stabilisation of embankment to create a stabilised piling mattress

THE PROJECT

Reeds were contracted by Morrisroe/TFL to provide a stabilised piling matt for the extension of the Barking Line for TFL. This project involved the earthworks for the construction of their railway extension and the lime/cement stabilised piling matt. The piling matt was created in 2 x 250mm stabilised layers to 30% CBR, 95% compaction with a further 150mm CBM layer on top for zero maintenance.

HIGHLIGHTS of CONTRACT

- ◇ Dust free treatment process, minimising potential issues of dust in an enclosed area.
- ◇ Provision of multiple machines to meet programme.
- ◇ Provision of specialist supervisor to assist client's daily and on-going decision process.
- ◇ Provision of compliant machinery to meet LEZ restrictions.
- ◇ Over **2km** of lime & cement stabilised haul roads for access
- ◇ 30,000m² stabilised piling matt to 30% CBR



AIM / PURPOSE of OUR WORKS

To modify excavated fill materials and remove obstructions, reduce level dig and stabilise base layer. Replace formation layer and treat to 30% CBR. Trim out stone and cement bind for zero maintenance during working life of platform. All works delivered to programme with interface with other companies and handovers.

CONTRACT VALUE >£ 100,000,000

