

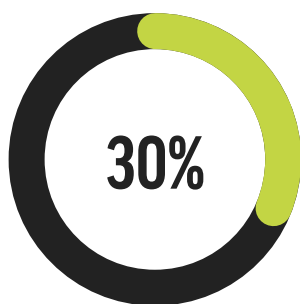
Sanderstead Road

Soil Science were required to both install and decommission the ground using the SUREGROUND™ Reversible Soil Enhancement System on behalf of the main contractor Bam Nuttall to allow the removal of a road bridge.

SUREGROUND™

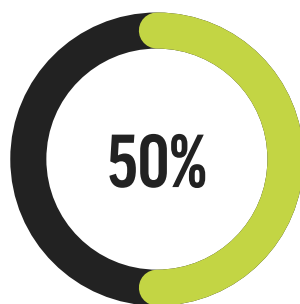
Reversible Soil Enhancement System

COST SAVING



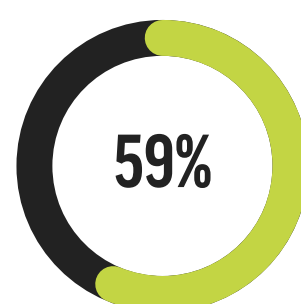
**Installation - Further reduction for Maintenance & Decom*

PROGRAMME REDUCTION



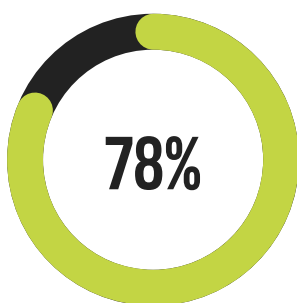
**Reduced from 6 days to 3 days*

CARBON REDUCTION



**Reduced from 93.1T to 37.9T*

AGGREGATE REDUCTION



**Reduced from 3,600T to 810T*

VEHICLE MOVEMENTS



**Reduced from 200 to 43*

Sanderstead Road

Project: Sanderstead Road Bridge Replacement, between Broomhall Road and Purley Road

Location: Sanderstead Road, Purley, South Croydon

Client: Network Rail, on behalf of Bam Nuttall

Area Covered: 3,000 m²

SUREGROUND™

Reversible Soil Enhancement System

Network Rail required the removal of a road bridge in South Croydon on Sanderstead Road. The inner-city location meant that works would need to be completed with minimised construction traffic and to a short programme.

The scheme required Soil Science to both install and decommission the ground using the SUREGROUND™ Reversible Soil Enhancement System on behalf of the main contractor Bam Nuttall.

During construction, topsoil was stripped and banded before the proprietary binder was rotovated with soils using a Stehr dust free mixer. This was surfaced with SUREGROUND™ Maintenance Free Surface Armouring saving further costs.

The enhanced area was then decommissioned by the introduction of a bespoke reagent, the composition of which was specific for the site soils. This restored pH and nutrients to within their pre-start DEFRA indices.

The area was stripped of stone surfacing and this was recycled. The reagent was then mixed with previously enhanced soils before topsoil was spread and turf was applied.



Soil Science Limited is part of the GRS Group



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