

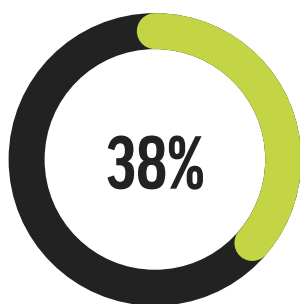
M62 Compound

Soil Science Installed a 33,000m² Site Compound to house Costain PLC and their supply chain as part of the M62 J21a - 26 SMP Alliance Scheme.

SUREGROUND™

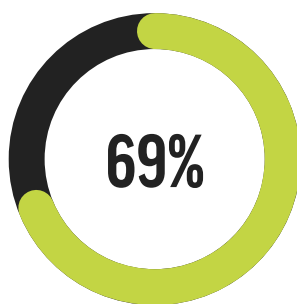
Reversible Soil Enhancement System

COST SAVING



**Installation - Further reduction for Maintenance & Decom*

PROGRAMME REDUCTION



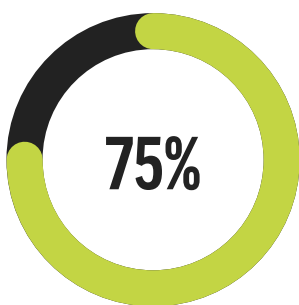
**Installation only, 8nr weeks less vs traditional programme*

CARBON REDUCTION



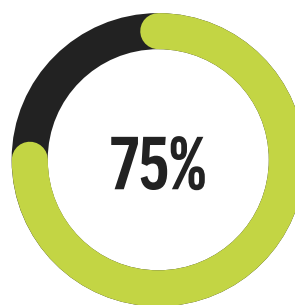
**Reduction is material sent to landfill. Down from 6,600m³ to 0*

AGGREGATE REDUCTION



**4,050m³ reduction in imported aggregate*

VEHICLE MOVEMENTS



**Reduced by circa 1,660 vehicle movements*

M62 Compound

Project: M62 J19 Compound

Location: Manchester

Client: Costain on behalf of SMP Alliance

Area Covered: 33,000m²

SUREGROUND™

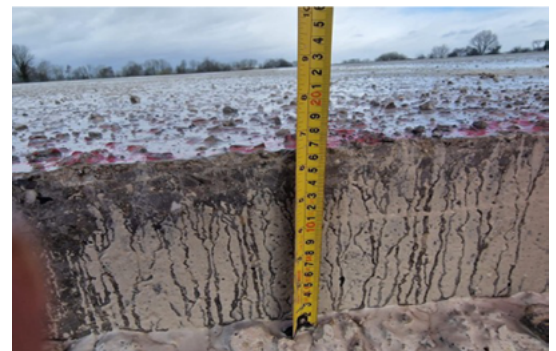
Reversible Soil Enhancement System

Soil Science were employed by Costain to install a large multi-function compound, utilising our Sureground system, to facilitate upgrade works on the M62. A hybrid design was implemented to meet client requirements, utilising two of Soil Science's surfacing options :

- 'Standard' surface - 100mm of laid and compacted Type 1 stone (below and around modular accommodation)
- 'Armoured' surface - 150mm of bound Type 1 for added hardwearing/ longevity (for plant/ material laydown)
- Surface Armouring is completed by mixing type 1 stone with further binder to achieve surface performance of up to 100% CBR.

Costain also opted for asphalt to staff/client parking and access roads, in these locations SSL laid a 75mm regulating layer, on the treated subbase, ready to receive the asphalt. Soil Science undertook preconstruction testing to determine the binder design, plus record data to facilitate future decommissioning/ reversing. The SUREGROUND™ system is fully reversible, returning treated soils/ subbase to their pre-constructed condition, with data provided to client to corroborate this, as per Defra indices.

Soil Science mobilised to site January 2023 and began by undertaking a full topsoil strip. With our dust-free mixer, SUREGROUND was mixed with subbase in-situ to a depth of 350mm. With mixing complete, validation testing was carried out to confirm design strengths were achieved prior to the surface being applied. Soil Science provided Costain with QA information at handover to demonstrate compliance with our engineered design/ client requirements.



Soil Science Limited is part of the GRS Group



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