

St Ives Combs - Lidl Car Parking Area

Project	JJM2502 - New Car Park and Access Road
Location	St Ives
Client	Camford CM
Key works delivered	Lime Treatment and Capping layer Replacement
Project Duration	Nov 2020 - 1 day
Stabilised Area	1,000m ²
Earthworks volume	By Client



PROJECT OVERVIEW

New Car Park and Access Road. Site waterlogged and unworkable – No firm base. CBR<1.0%
 – Options available to Client for Construction

1. Import circa 2,000m³ of 6F material and compact.
2. **Stabilise the New Access Road**

PROJECT CHALLENGES

Our team were challenged by the poor CBRs and availability of good firm sub-base material to stabilise.

Access to the works area for the stabilising equipment running on very soft ground.

ENGINEERING AND SOLUTIONS TO OVERCOME THE CHALLENGES

To overcome the project challenges, set by the client, our team:

- Worked with the client and advised on the findings of the existing **Site Investigation Information** as to the best and quickest solution for a stabilised site.

- We carried out a site assessment to enable to client to best work with our stabilising crew and achieve the outcome required.
- Our site team then set to work to improve the soil and dry out the site with lime to dry it out and then once dried we could stable the top 300mm with cement to form a Capping Replacement Layer.



- The works had a two-fold advantage to this site. **JJMac Ground Stabilisation and Soil Improvement Dried** the site out, saving programme time.
- The 300mm cement Capping Layer saved circa. 500tn 6f capping material



BENEFITS TO CLIENT

