



Case

STUDY

CELLWEB 75MM

Brighton Way Cycle Route,
Basingstoke Cycle Route Scheme
Hampshire County Council



MARKET SECTOR:
Built Environment



LOCATION:
Brighton Way from Brighton Hill
Roundabout to Sullivan Road.



CONTRACTOR:
Dyer & Butler Ltd



**CONSULTANT/
ENGINEER:**
Engineering Consultancy
Hampshire County Council



MERCHANT:
MPS Builders Merchants Limited

The BACKGROUND

The aim of the scheme was to provide a fully segregated cycle track along Brighton Way from Brighton Hill Roundabout to Sullivan Road.

The new cycle path will link into other cycle routes along the Brighton hill as part of Hampshire county councils planned improvement scheme, the aim of which is to provide high quality cycle routes through the area that are safe and attractive to use.

Our Client's REQUIREMENTS

A new segregated cycle track for Hampshire County Council.

Hampshire County Council needed to construct a new 3m wide cycle track alongside a newly constructed footpath.

It needed to sit 50mm lower than the footpath and be separated by a chamfered kerb so that it is detectable by users with impaired vision.

The existing footpath was to be replaced with a new 2.0m wide footpath. Both the footpath and the cycle way were to have an asphalt surface.

100%

**PROVEN PRODUCT SUCCESS
RATE**

10 YEAR

**FREE GUARENTEE
FOR CELLWEB**

1.7 LITRES OF OIL ABSORBED PER M²

**WITH TREETEX.
INDEPENDENTLY TESTED.**

Our Value Engineered SOLUTION

Sections of the footpath and cycleway passed through the rooting environment of established trees.

After an assessment from Hampshire County Council's arboriculturist a decision was made to use our Cellweb System as a no dig construction method for the subbase within these areas.

Our technical team advised the use of our 75mm Cellweb System as a load bearing solution to minimise compaction and prevent root severance. This used our pollution control Geotextile, Treetex at the base of construction and it was infilled with 4/20mm clean angular stone to maintain the flow of water and oxygen through the system.

We gave detailed technical advice through our external and engineering team to help Hampshire County Council put together a build-up that's fit for purpose. Our Technical team attended site to offer guidance on the first day of installation. No trees were harmed in the scheme and the footpath cycle way was adopted by Hampshire County Council.

"Practical, sustainable and adaptable design solution to protect trees"

NEIL KENT

Senior Engineer – External Contractor
Hampshire County Council

