

# mountain bike & multi-user trail design and build

An innovative partnership to offer a comprehensive mountain bike & multi-user trail design and build service with extensive experience of creating trails in difficult and demanding locations.



**Capita Symonds'** countryside management team bring extensive experience of complex access issues, construction techniques and project management. They have the back up of a range of technical experts to provide the confidence of professional output from a large multidisciplinary consultancy.

**Phil Saxena (Architrail)** is a world class mountain bike trail designer with an international reputation and a portfolio of trail design in the UK and around the world. Phil is the UCI appointed MTB World Cup designer and was the designer for the Beijing Olympic Games tracks. He brings the creative edge to the team, along with years of experience at the top level of the sport.

**Dinsdale Moorland Services (DMS)** are at the forefront of constructing projects in difficult and sensitive locations. They offer extensive, on the ground, practical experience and an innovative approach to the use/adaption of machinery to achieve results. The access to this expertise and accurate build cost estimates give confidence in the 'buildability' and cost of your project.



**CAPITA SYMONDS**

successful people, projects and performance

## Olympic Cross Country track Beijing, China

Beijing Organising Committee of the Olympic Games (BOCOG)

With the addition of new, technically difficult, sections the track was brought into line with Olympic competition standards. The development of cutting edge design techniques provided a good spectacle for TV viewers and improved racing and overtaking possibilities.



## Thetford Forest Cross Country track Thetford, Norfolk

Forestry Commission

Contracted by Pearl Construction to design and supervise construction of several sections of cross country trail. Sections of the track that had fallen into disrepair due to poor original design, construction and lack of armoured were reconstructed. The new tracks were raised off the flat topography by soil inversion and then armoured with a thick layer of crushed stone.

## Kielder Forest Red Route

Forestry Commission

Working closely with the Forestry Commission and trail designer a route was tagged over the fell, traversing a recently felled site over deep peat. Three specialist 'bogmaster' excavators created a floating mat using tree roots and stumps before suitable material was imported to create exciting features, along with landscaping the areas adjacent to the new route.



## Siddick Link Cycleway West Cumbria

Cumbria County Council

Commissioned to design and manage a new cycleway linking the C2C (Route 71) with Hadrian's Cycleway (Route 72). Challenges included the presence of a nationally rare butterfly, ground contamination, traveller encampments and fly tipping. Our design solution reconciled these issues by combining sensitive design, negotiation and innovative use of highway law.

## Pennine Bridleway National Trail Yorkshire Dales National Park

Natural England

Commissioned to undertake landowner negotiations, site survey (geotechnical, topographical and ecological) of two sections of the Pennine Bridleway within the National Park. Following this survey work a detailed route was designed and a planning application prepared on behalf of the client.



## Ainsdale Sand Dunes National Nature Reserve

Natural England

Appointed to upgrade a 3.5km route that, along with access for wheelchair users, horses, cyclists and pedestrians, was used by emergency services. After a detailed site survey and assessment a sympathetic restoration methodology was proposed, and engineers designed a bespoke frame sledge to ensure a constant camber, width and depth of material along the entire track.

We understand the needs of users and the conflicts often created by their different requirements. Careful design can help manage potential conflict and deal with difficult and demanding conditions. We are fully conversant with national standards, DDA and CDM requirements and in conjunction with electronic surveying equipment we develop a solution to your trail needs from survey through to construction.

A full range of back up services is available from our in-house specialists.

[www.capitasymonds.co.uk/countrysidemangement](http://www.capitasymonds.co.uk/countrysidemangement)

[www.architrail.co.uk](http://www.architrail.co.uk)

[www.dinsdale.co.uk](http://www.dinsdale.co.uk)

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