Next Generation Cycleway Design
Improving connectivity and cycling behaviours through design
With the nation’s roads becoming increasingly saturated with vehicular traffic, versus the government’s requirements to reduce pollution levels and encourage healthier lifestyles for citizens, the investment and demand for installing cycleways on roads, parks and countryside has never been higher.

The aspiration through good design and installation is to encourage a modal shift to the use of cycleways by the public on a daily basis in order for communities to truly reap the benefits of less congested roads, improved health and cleaner air.

At Capita our cycleway design team can design the next generation of cycleways that will not only improve the cycling facilities and connectivity in your locality but will also help to encourage perception and the behaviour change of cycling by members of the public.

Supporting your next generation cycleway design requirements

Our team of experienced landscape architects, highway engineers, road safety advisors, quantity surveyors and project managers all work together to design cycleways bespoke to the needs of the locality, environment, users and clients.

The team can:

- Design new cycleways, retrofitted to your existing infrastructure from concept design to completion
- Design new cycleways, integrated into new proposed infrastructure from concept design to completion
- Designs to upgrade existing cycleways from concept design through to completion
- Design independent cycle hubs that include parking and servicing facilities
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Our next generation cycleway designs can also introduce the following innovative features:

- **Safe segregation** between Place Users to offer improved safety and a defined space for each user group.
- **Elevated sections** offering increased segregation, a defined area and ease of maintenance.
- **Use of marking and colour** to influence road user behaviour to indicate different uses/user groups and wayfinding.
- **Cycle hubs** located at key locations that integrate parking and servicing facilities to benefit user and interchange between modes of transport.
- **Creative junction designs** to develop safe and useable environments that flow and benefit all users.
- **Road safety audits** to understand and develop appropriate and safe proposals.
- **Integrate environmental features** into cycleway design such as SuDS (Sustainable Urban Drainage Systems) and Rain Gardens (subject to suitable space).
Our experience

Port Salford Greenway

Working on behalf of Salford City Council, Capita were commissioned to design and construct the Port Salford Greenway scheme, a project to deliver a network of high quality cycling and walking routes in the city. There was a need to create cycling and pedestrian links for both leisure and commuting purposes, helping to connect users within Salford to a key and developing nodal location.

Capita provided landscape architecture, highway and structural engineering and quantity surveying services to the project, as well as project managing both phases one and two of the scheme until its completion. With this, Capita provided new footbridges, lighting and benches along the routes, in order to create a safer and more pleasant feel to the areas.

The team were also responsible for refurbishing subways along the route, vegetation and tree clearance where necessary to accommodate the route and replacement tree planting where possible.

Did you know our cycleway designs have won awards at the 2018 CIHT North West Awards, the 2017 National Transport Awards and the 2016 Cycle Planning Awards, working alongside our client Salford City Council.
Our multidisciplinary team in partnership with Salford City Council, designed and delivered a high quality public space outside a new development of townhouses in Central Salford.

The team designed and delivered the new cycle lane which was re-routed behind the bus stop on Oldfield Road to avoid conflict between buses and cyclists. For safer access to and from Carpino Place and the surrounding area, pedestrian crossing points were also created.

The design work also included the installation of rain gardens for improved drainage, street furniture in the form of cycle stands, bollards, a litter bin and a bus shelter and incorporates high quality paving to complement the existing public realm around the war memorial on the Oldfield Road and Chapel Street junction.

Looplines

As part of Salford’s strategy and central government agendas to encourage cycling and walking as alternative options for commuters. Urban Vision, working as a delivery partner with Salford City Council, has designed and delivered various cycle looplines around Salford to encourage traffic-free activity throughout the city.

Our landscape architects provided design services to improve and extend Ellenbrook, Roe Green, Linnyshaw and Tyldesley looplines, creating high quality, striking traffic-free cycling and walking routes.

All looplines required extensive site clearance works, underpass refurbishments, footpath widening and landscaping. The landscape team also placed new signage on all routes to help people direct users to key destinations throughout the City.
Chapel Street East

In partnership with Salford City Council, Capita multidisciplinary team consisting of Landscape Architects and Highway Engineers have produced proposals that include continuous footways and cycle tracks making it safer and more attractive to walk and cycle in the city centre.

Chapel Street East is one of the first schemes to be funded through the Greater Manchester Cycling and Walking Challenge Fund and will form part of the ‘Beelines’ network for Greater Manchester which aims to create the largest joined up system of walking and cycling routes in the UK.

Our team is responsible for delivering the scheme, from the design work to supervising plans for Chapel Street East, as well as ensuring implementation of the scheme goes smoothly.

Did you know?

- Our design team have a detailed understanding of cycling policy, planning policy and working in a local authority environment.
- We can support local authorities with cycle facility funding applications
- We are experienced in organising, facilitating and managing community consultation exercises.
- We can work anywhere in the UK
- We work on projects of all sizes and complexities
- We have access to a wider pool specialised skills if required for bespoke projects

Our proposals for Chapel Street East won a Healthy Streets award for Proposal of the Year 2018
Contact us

If you want to find out more about our cycleway design services please contact:

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