PROJECT CENTRE part of Marston Holdings

H.

AFE · BAR · SOCIAL

MOES

CONTENTS

JCDecaux

•	Project Centre Overview and History	3-4
•	Our People	5-6
•	Highways	7-8
•	Section 278 & 38	9-10
•	HVM	11-12
•	Landscape and Urban Design	13-14
•	Transportation and Active Travel	15-16
•	Flood and Water Management	17-18
•	Lighting and Technology	19-20
•	Structures	21-22
•	Transport and Development Planning	23-24
•	Sustainability	25-26
•	Quality	27



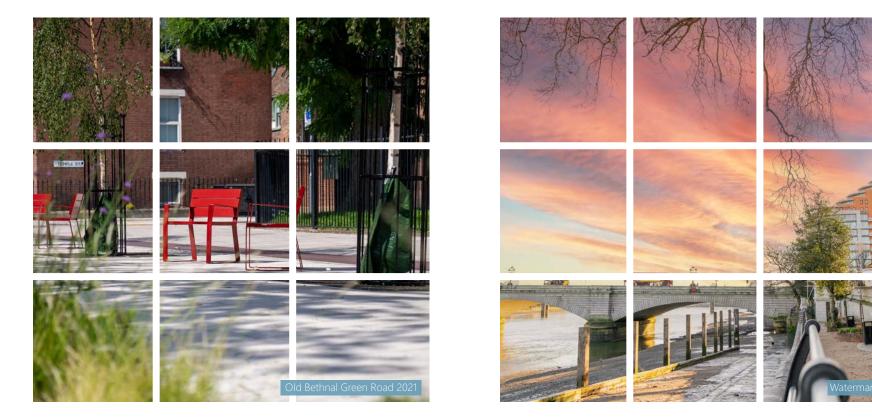
Eastcote Town Centre Rain Gardens 2019

PROJECT CENTRE OVERVIEW AND HISTORY

acorn

Project Centre is a leading consultancy that is passionate about designing functional and cost-effective transport solutions for the all people. Formed in 1991, we have been at the forefront of innovative and sustainable design, with pioneering schemes across various regions of the UK as well as over varying sectors. Working with developers, contractors, and local authorities we offer a range of services focused on providing our clients with the very best planning, design, and engineering solutions.

Our approach to integrated design produces award winning results that have won international recognition. What makes Project Centre exceptional is our people, our passion, and the quality of the visions we help design. We have a strong team of highly skilled professionals who work in multi-disciplinary teams that are tailored to our clients' requirements, so they provide excellent value for money as well as outstanding results.







PAUL ADAMS Business and Commercial Director

Paul joined Project Centre in 2012. He has 25 years' experience working in sales support and commercial management roles, across several industries including insurance, telecommunications, business advisory, security, and 15 years within civil engineering both at Mouchel and Project Centre.



ROB MARCHAND Associate Director Highways

Rob is an experienced, knowledgeable professional, qualified to a high standard within the traffic management, highways engineering, road safety and transport management sectors. Rob has vast experience working with NEC, PSC and various type contracts in the set up, tender, procurement and servicing of those contracts.



TIM MANTLE Technical Director Traffic

Tim has over thirty years' experience in the fields of traffic, transportation and highway engineering. He has designed and project managed a variety of highway related schemes from feasibility through to implementation for a range of local authorities and private clients including a number of award winning schemes.



GEOFF WALLER Technical Director - Design and Build

Geoff has significant experience in all aspects of Civil and Highway Engineering. He has successfully led multi-disciplinary teams through the delivery of Highway, Infrastructure and Public Realm improvement schemes. In addition, he has managed several major design and build construction contracts ensuring the successful delivery of his schemes with high quality and strong financial results.



AMBIKA CHOUHAN Associate Director Landscape and Urban Design

Ambika is a chartered landscape architect with 20 plus years of experience in the construction industry. She specializes in taking an integrated and holistic approach to projects, focusing on balancing people and nature. She provides expert advise in providing nature based solutions and building climate resilient places from design, planning through to construction.



CARLOS DA ROCHA Associate Traffic

Carlos is a pragmatic, efficient design manager who focusses on delivering high quality technical and practical schemes to dients' expectations. His skills in project and technical design management of highway schemes were developed over his 22 years in the private and public sector. His abilities range from confident design team leadership keeping designs within the brief managing design delivery programmes and keeping a tight rein on agreed budgets.



DAVID NEWMAN Associate Highways and S278/ S38 and HVM

David is an experienced professional in highway and traffic engineering, with 15 years of diverse experience in both public and private sectors. He specialises in streamlining highways agreement processes and managing s38 and s278 programmes, from concept design to adoption by the highway authority.



MELISSA VENTO Associate Transport Planning

Melissa is a principal transport planner with over 15 years' experience in project management delivering multidisciplinary transport planning projects across the public and private sector. As an experienced transport planner, Melissa manages a variety of transport projects including transport development management, active travel and policy/strategy. Melissa has specifically worked on site access feasibility studies, outline business cases and transport assessments.



BEN MEEKINGS Associate Director Transport Planning

Ben has 30 years experience in Transport Planning and Development, experienced in expert witness, project management, master planning, planning transport and engineering. With expertise in all stages from concept to implementation Ben has successfully delivered award winning schemes, providing new homes the positive future of towns and cities.



THOMAS LAMBERT Associate Structures

Tom is a chartered bridge engineer with a diverse portfolio of structural maintenance and renewal projects. He has specialist experience working with local authority clients, providing asset management services, and delivering structural design and maintenance schemes.

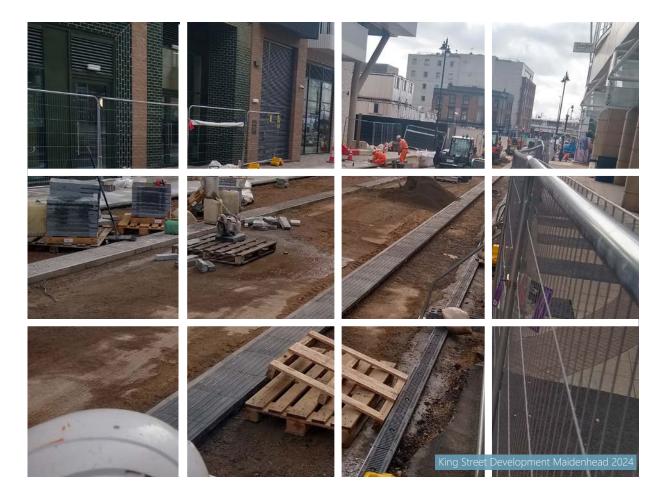


- Highways detailed design
- Vertical and horizontal highway
 alignment
- Drainage design
- Full s278 and s38 design and support
- Site supervision and project management
- Traffic management phasing
- Bills of quantities and cost
 estimates
- Health and safety documentation (including CDM 2015 principal designer)
- End to end design and build service

We have **extensive experience** in the design of highways and surrounding areas for tomorrow's needs to improve connectivity, capacity, sustainability and accessibility. Our highly qualified teams have delivered many successful highway schemes from initial concept through to construction. We also undertake **feasibility and detailed design studies** including the assessment and inspection of existing carriageway and footway assets for maintenance purposes.

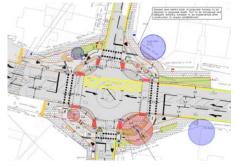
Our technical expertise covers all aspects of highways, **minor through to major projects** with our highways design packages generally including vertical and horizontal alignment, drainage, site clearance, earthworks, all types of paved area, and all supporting requirements to deliver a **fully packaged construction suite**. Our engineers are fully competent and expert users of software such as AutoCAD, Civils 3D, and key signs/lines.

On many projects, we have helped from the conception of the scheme and have advised on **feasibility and buildability** to ensure a fully packaged suite of detailed designs, bills of quantities, cost estimates, and specifications are produced. We can also provide contract documentation, tender analysis, and contract administration procurement services. As part of our integrated design approach, we work to involve all the contractors who will be working on the scheme at an early stage. This means that many construction issues will have already been resolved and a **close working relationship has been established with developers and contractors** before construction commences.



We also provide a full construction stage package which could include **site supervision**, **project management**, **cost analysis and review**, **and commercial support**.

At Project Centre, we have developed a methodology for highway engineering projects incorporating all of the above services which supports our clients through every stage, including its implementation.



Cyclops roundabout, Windsor detailed design



- Leading detail designs through highways technical approval
- Guiding contractors through their obligations to achieve certificates of partial or final completion in an efficient manner
- Our independent road safety audit team can provide a streamlined audit for stages 1 through 4 to GG119
- Liaison with statutory undertakers for installation of new assets or relocation of existing
- Obtain licenses for temporary works such as construction accesses

SECTION 278 AND 38





S278 Works Cross Section Kersfield Estate

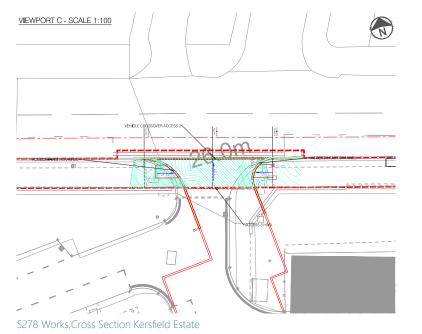


We have **significant experience** managing highways development control functions for several clients (in particular RB Windsor and Maidenhead, Medway BC) and helped them to streamline those processes, acting as their HDC arm and consultant so our knowledge of the internal processes around s278 and s38 is vast.

We also have **extensive knowledge** of the obligations of both contractors and developers as part of the s278 and s38 highways agreements process and have acted as principal designer and designer on a number of challenging projects, also in most cases, managing the s278 and s38 process on behalf of our clients from start through to legal seal. For Scotland we provide similar support in line with current legislation.

Our extensive knowledge of highways works approvals processes including technical approval, road safety audits, compliant traffic signs, traffic signals and traffic modelling, and can guide our clients or their principal designer through these sometimes-challenging approval stages.

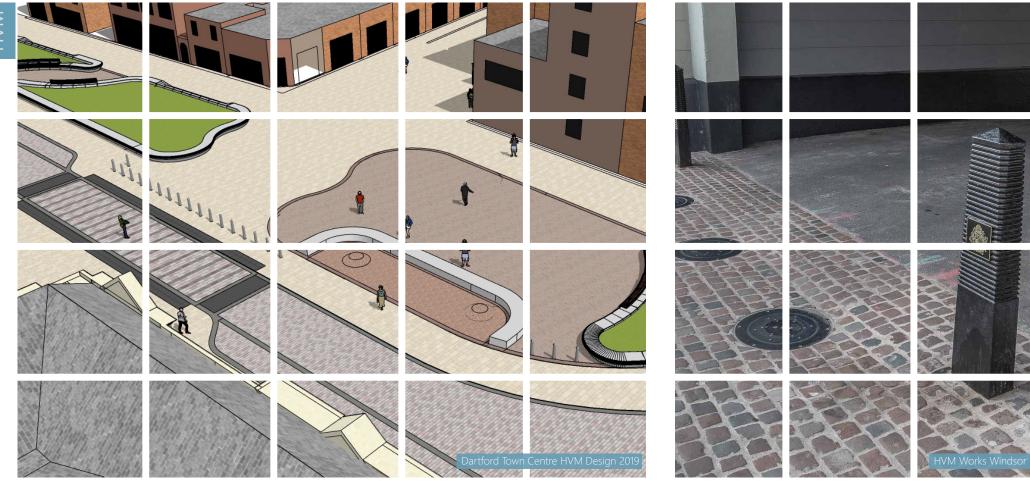
Project Centre has a history of delivering public realm and highways schemes on behalf of local authorities and developers on key infrastructure improvements and development schemes such as hospitals, schools, new housing estates, new road junctions, and public transport hubs and will deliver high-quality detail designs to the required standards to **successfully obtain technical approvals on these key agreements.**

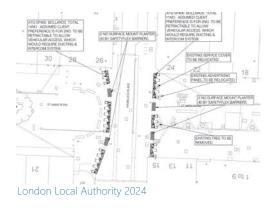






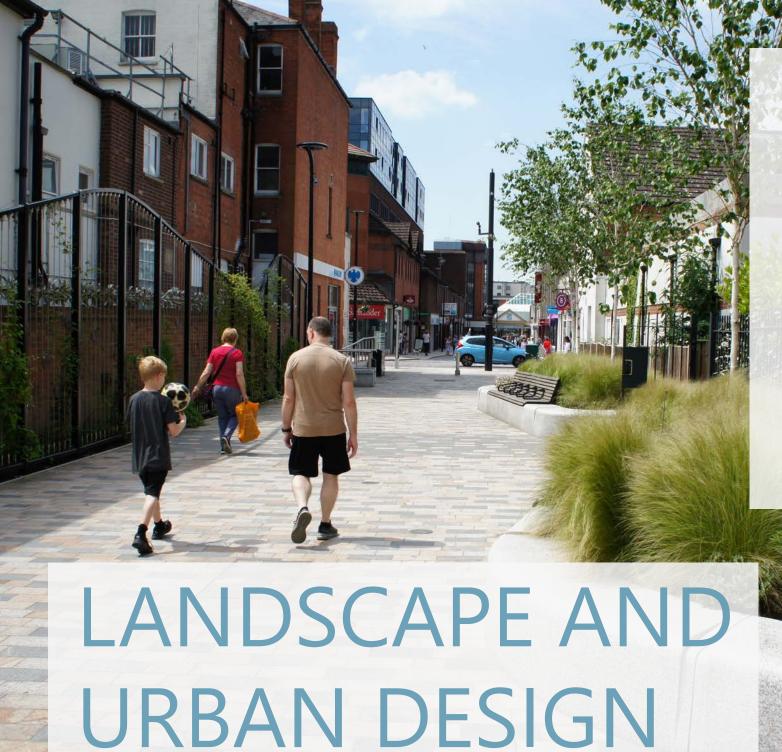
- Defining your organisation's operational requirements for vehicular access into secure areas
- Whole-market product specification to propose the best solution
 for operative's capabilities and
 - available resources
- Work with security specialists to create bespoke layouts and options
- Integrate security arrays seamlessly
 into the public realm
- Utilise our partner companies to provide remote operation, CCTV and enforcement around your secure areas





We have significant experience in delivering hostile vehicle mitigation projects in the public realm, most notably around Windsor Castle and several market spaces and historic centres.

With market-wide product knowledge across multiple suppliers, we are able to guide clients through the catalogue of crash-rated infrastructure, based on what is optimal for their available operational resources and capabilities. We can lead and develop your HVM project from threat identification, through design to construction and operation. Our partner companies within the Marstons Group can supplement our offerings with support for remote operation, intercoms, CCTV and other operational services.



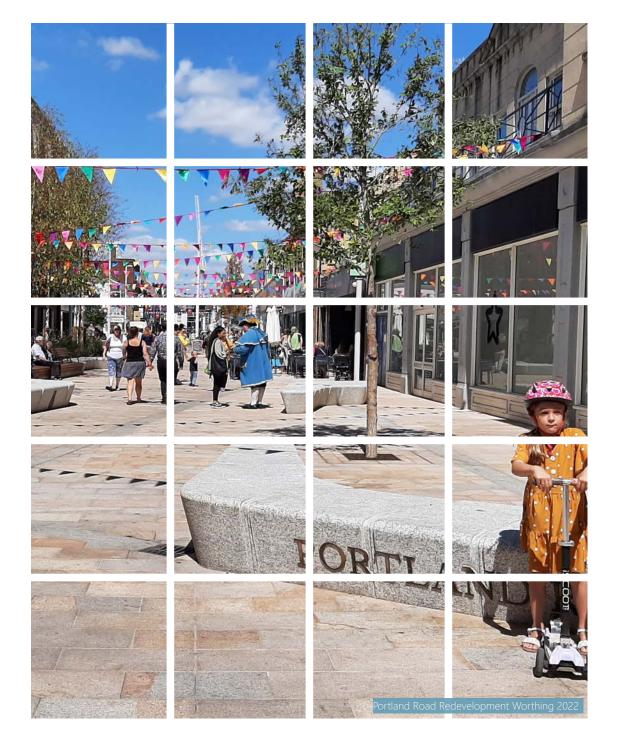
- Town centre and high street
 strategies
- Estate regeneration strategies
- Planning advice and planning application support and management
- Feasibility studies
- Design codes, public realm
- design guides and other design guidance
- Design and access statements
- CGIs and visualisation
- End to end design and build service

We are **a registered practice** with the Landscape Institute and have a large team of landscape architects and urban designers supported by engineers with a wealth of experience designing and delivering **soft and hard landscaping projects.** Our **diverse range of projects** includes work to support the regeneration and development of town centres, streets and spaces, transit-oriented public realm, parks, play areas and public squares.

We work in many different environments from **historic** settings and conservation areas with listed buildings and ancient scheduled monuments to large-scale modern redevelopments. When providing new core centres, we strive for excellence in landscape and urban design and promote walking, cycling, and clean spaces whilst strengthening communities through inclusive design. The use of high-quality visuals and graphics tools enables us to produce innovative concepts on an intimate or large scale.

From upscale landscapes to diverse native **habitats**, our designs span a spectrum of environments. We champion development goals aligned with **biodiversity net gain** and **sustainable urban drainage systems** (SuDS). Rooted in **sustainability** and innovation, our expertise lies in designing custom outdoor environments that harmonize beauty, practicality, and ecological mindfulness.

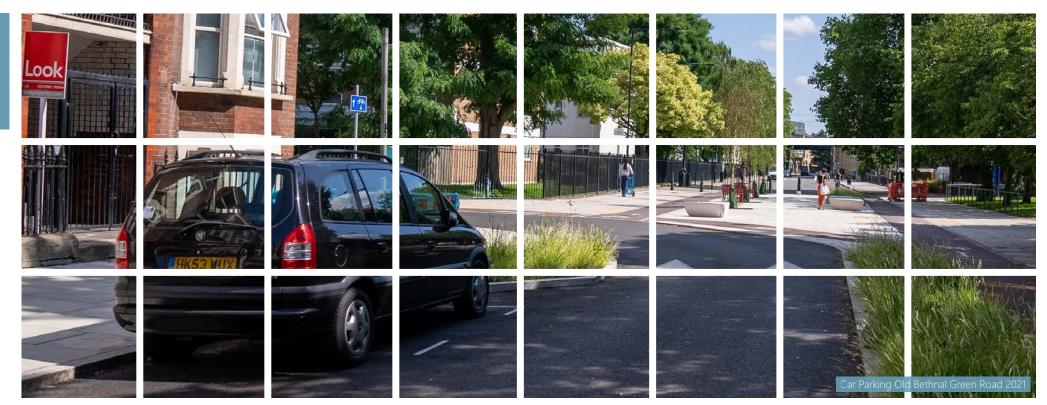
Projects can be delivered from initial conception through to construction and site supervision. Our proven capability and success give clients high levels of confidence from start to finish and have **significant experience** working with developers, architects, town planners, transport planners and development control officers.

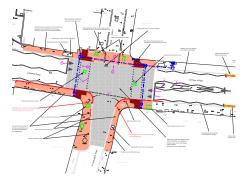




- Road safety including accident analysis and road safety audits
- Traffic signal modelling and design
- Cycle permeability and safety schemes
- Walking schemes
- Speed limit reviews and traffic calming
- Junction and link design
- Street inventory audits
- Bus priority infrastructure
 - Disability Discrimination Act audits

TRANSPORTATION AND ACTIVE TRAVEL





Pedestrian Crossing Technical Design St Leonards Road

The way that people view roads is changing and national initiatives support the need for improved safety and cleaner air with fewer pollutants. At Project Centre, we are rethinking the way that people travel. Our engineers are experts in the design and development of innovative, successful and safe cycle and pedestrian improvement schemes focused on improving road networks and encouraging sustainable travel.

Road safety is at the heart of every project design given the importance of risk reduction and safety for all road users. Project Centre's **accredited road safety audit team** assesses potential risks in line with road safety audit guidance GG119.

We work closely with **developers and contractors** to design proposals for improved and new junctions, roundabouts and link roads that improve safety and increase the capacity of existing highway networks. We use the latest software to provide clients with **cost-effective and practical designs** to link new housing, retail and mixed-use developments to the road network.

As part of the design process, we can undertake **traffic modelling** to predict the road network capacity, identify mitigation measures and optimise proposed designs to enhance network operations. This helps to predict the impact of alternative options and provides valuable data for cost and benefits analysis.



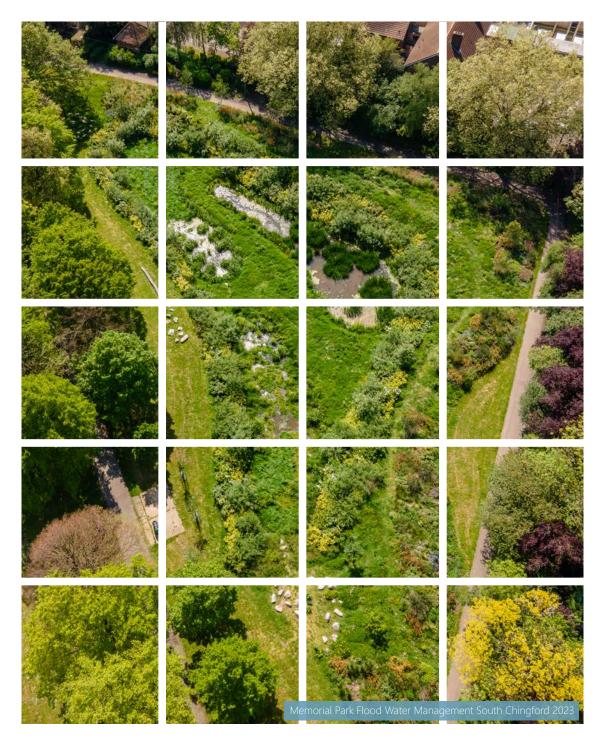
- Flood risk assessments
- Foul and surface water drainage strategies
- Sustainable drainage system design
- Developing flood evacuation plans
- 1D-2D hydraulic modelling
- Project management and site support



Our Flood and Water Management team have a successful track record of delivering drainage systems for all manner of **public and private infrastructure.** We have undertaken designs for both foul and surface water systems, gravity and pressure, in greenfield sites, and heavily constrained brownfield sites providing retrofit **SuDS solutions.**

The services our team can provide cover addressing flood risk beyond the installation of drainage infrastructure. Our team can provide **flood modelling services** for surface and fluvial sources of risk and has undertaken flood risk assessments to ensure our client's developments meet planning requirements.

We have utilised this experience for some to deliver innovative solutions such as a solar farm located on a site with significant flood risk. Working collaboratively with the client, contractor and other design disciplines we were able to model a **valueengineered solution** which met the requirements of the Internal Drainage Board, whilst keeping construction costs to a minimum.





- Highway lighting design for all types of road networks including pedestrian and cycle routes.
- Urban street lighting and regeneration schemes
- Architectural and public realm design landscape lighting design
- Consultation services covering RIBA
 stage 2 to stage 5
- Lighting assessments e.g. safetycritical and environmental impacts
- Business cases for lighting systems and strategies

- On-site lighting visual condition surveys and circuit and electrical supply identification.
- Night-time light-level surveys
- 3rd party design reviews
- Cost analysis and whole-life costing
- Low voltage network designs for lighting, traffic signs, traffic signals, CCTV and EV chargers.
- Working with the supply chain to design bespoke lighting materials
- EV (Electric Vehicle) strategies and designs

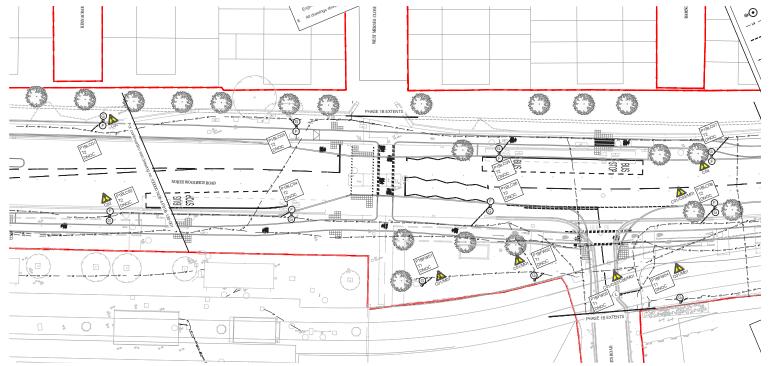
LIGHTING AND TECHNOLOGY

North Acton Square Lighting Design 2020









Lighting layout, Royal Docks Corridor

Our Lighting and Technology team are passionate about lighting and the valuable role it plays along highways and within the public realm. We take pride in delivering quality lighting proposals for our clients whilst respecting the environment and local ecologies.

We can "think outside of the box" to produce **bespoke lighting solutions** for numerous scenarios whilst respecting design standards and guidelines.

We provide a complete and comprehensive design and consultancy service in all aspects of exterior lighting and can provide support for planning applications and concept design through detailed details and site support. Using our **established relationships** with the supply chain, we use the latest equipment and technology to ensure our design meets and exceeds client expectations and is future-proofed to ensure longevity.

To further enhance our services, we provide several **sitebased services**, ranging from initial site and condition surveys for projects and site clearance to circuit identification and electrical testing and finally on-site project management.



• Asset management and life cycle planning

Philade and the Ye

- Inspection of highway structures and civil infrastructure
- Structural assessments
- Maintenance and new build projects - concept to detailed design services
- Site investigation and supply chain management
- Project management and site support
- CDM-2015 principal designer and client support
- Technical approval support

Our dedicated Structures team are specialists with decades of experience working on numerous highway bridges and structures. The team provide an **end-to-end structures management service** as well as providing **expertise in structural design and analysis.**

We have a diverse team of engineers, project managers and inspectors who have a track record in delivering **complex technical projects** and developing **robust engineering solutions.**

Our team is led by chartered structural engineers and other professionally qualified individuals, dedicated to providing the highest quality service for our clients.

Our Inspection team are experts working in high-risk environments, including rail and confined spaces. **Advanced planning and close co-ordination with stakeholders** support efficient delivery, prioritising safety and quality.

The team hold extensive experience in structural analysis and can model complex structures in both 2D and 3D. This allows us to accurately determine the effects experienced by load bearing elements and refine our design and optimise engineering solutions.

Health and Safety is at the forefront of every project and our NEBOSH certified engineer's carry out thorough reviews on all projects to ensure best Health and Safety practice, adopting innovation wherever possible to drive continuous improvements. As specialists in the construction, design and management (2015) regulations, the team support Client's in fulfilling their duties as well as collaborating with other



duty holders to provide additional value and protect those who may be harmed by construction works.

With NEC4 certified Project Managers,

the structures team have the ability to manage and supervise construction being carried out on Engineering Construction Contracts (ECC) on behalf of our clients.





UoB Moulsecoomb Campus

London Road Station

rightc Statio

KEY SERVICES

UoB-Varley

Park

University

- Providing initial site feasibility studies and assessments to unlock the development potential of sites. Station
- Preparing high-quality documents to support planning applications; detailed transport assessments, travel plans, input to BREEAM, construction management or logistics plans (CLP/CMPs), and delivery servicing plans (DSPs) throughout the country.
- Junction design
- Highway capacity modelling
- Dealing with Section 106 Agreements and discharging planning conditions in England as well as Section 75 in Scotland.

- Working collaboratively with the highways team, we optimise site layouts and servicing as well as ensure the required designs are catered for using the latest software and respond to highways development control queries.
- Preparation and presentation of proofs of evidence at appeals and public inquiries.
- Fulfil travel plan and travel plan • coordinator roles on behalf of site operators

TRANSPORT AND DEVELOPMENT PLANNING Campus

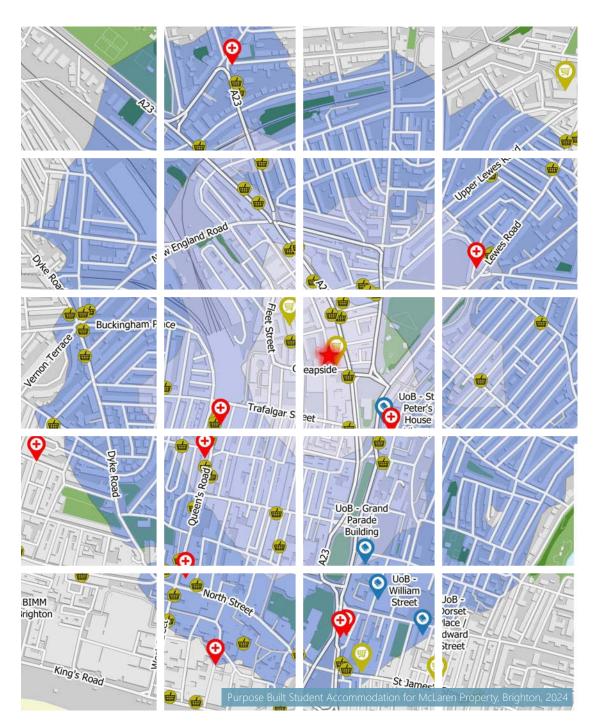
Project Centre has a proven track record providing transport planning expertise to help private sector clients **successfully deliver development sites** throughout the UK.

Project Centre has **in-depth knowledge of the planning process** and has worked as part of multi disciplinary teams to secure planning permission for numerous mixed-use, industrial, residential, and retail developments across the country.

We offer **innovative solutions** at every stage and can take projects from conception through to completion; integrating transport, parking and active travel facilities within the masterplan, helping to ensure the site operates successfully and sustainably, be it for individual sites or area wide masterplans.

We support applicants throughout the planning process and beyond, preparing supporting documents, **negotiating S106 and other related agreements.** We support many operators with **travel plans and travel plan coordinator** roles to meet planning obligations once sites are built out.

We represent applicants at **planning appeals and public inquiries** and have a great track record of success in securing planning permission.







As designers and engineers we continuously strive to focus on integrating eco-friendly principles throughout the project lifecycle to mitigate environmental impact and promote sustainable development.

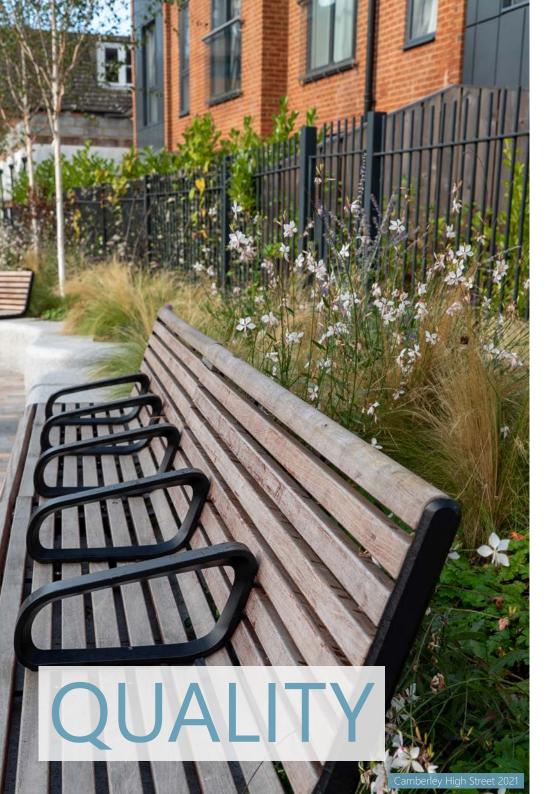
These objectives include prioritising the use of renewable energy sources, incorporating energy-efficient technologies, and selecting sustainable, low-impact materials.

As a company we emphasise the importance of designing for durability and adaptability, ensuring efficiently maintenance, repurposed, or reclaimed with minimal waste.

Additionally, the company is dedicated to achieving carbon net-zero and adhering to stringent environmental regulations.

By fostering innovation and collaboration among stakeholders, the company aims to create resilient, sustainable infrastructure that benefits both the environment and the community.





Award Winning













Certifications

JINNER





Accreditations



owards











Memberships







info@projectcentre.co.uk • www.marstonholdings.co.uk/projectcentre London • Slough • Kent • Brighton • Manchester • Edinburgh

PROJECT PROJECT CENTRE part of Marston Holdings

n

Ш