



Appendix B: References

Streetscape Design Guide 2025

Worcestershire County Council

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1. Active Travel England

Active Travel England is an executive agency, sponsored by the Department for Transport. Active travel makes people happier and healthier. That is why Active Travel England wants to increase the number of local journeys being walked, wheeled, or cycled by 2030.

For more information click on the link [Active Travel England](#)

2. ADEPT 2024: Commuted Sums for Highways Infrastructure Asset Management

This guidance published by the Association of Directors of Environment, Economy, Planning and Transport (ADEPT) is designed to allow Local Highway Authorities to continue to reflect local priorities in their commuted sums policies, whilst providing a nationally consistent framework and informed guidance in the development and implementation of these policies.

For more information click on the link [Commuted Sums for Highways Infrastructure Asset Management](#)

3. Biodiversity Net Gain

Biodiversity Net Gain is a development approach which ensures that habitats for wildlife are left in a measurably better state than prior to the development. This is a mandatory requirement under Schedule 7A of the Town Country Planning Act 1990, as introduced by the Environment Act 2021. Developers must deliver a 10% increase in biodiversity compared to the pre-development baseline.

For more information click on the link [Understanding Biodiversity Net Gain](#)

4. British Standard BS: 5837 2012 'Trees in relation to design, demolition, and construction – Recommendations

Current practice regarding planning for the management, protection, and planting of trees in the vicinity of structures, and for the protection of structures near trees.

For more information click on the link [British Standard Trees in relation to design, demolition, and construction](#)

5. Building for a Healthy Life 2015 principles for good residential design

This is a widely used design tool for creating places that are better for people and nature. The original 12-point structure and underlying principles within Building for Life 12 are at the heart of BHL.

For more information click on the link [Building for healthy life 2015](#)

6. Building Regulations 2010, (2021 edition) Infrastructure for the charging of electric vehicles (EV's) document

This document outlines the building regulations in England for the installation of electric vehicle charge points or cable routes.

For more information click on the link [Building Regulations for Infrastructure for charging EV's](#)

7. By Design – Urban Design in the Planning System: Towards Better Practice (Architecture & the Built Environment (ABE) guidance on policy tools and preparation of Masterplans, design guides and briefs)

This guide is intended as a companion to planning policy guidance and subsequent planning policy statements and aims to encourage better design.

For more information click on the link [urban design in planning system: towards better practice](#)

8. Bus Service Improvement Plans

In 2019, Worcestershire County Council launched the [Passenger Transport Strategy](#) following extensive public consultation. The Strategy focusses on road and rail passenger transport services within Worcestershire, including Home to School, bus, taxi, Community Transport and other community-based bespoke transport initiatives.

For more information click on the link [Bus Service Improvement Plans](#)

9. Code of Best Practice for Demolition and Construction Sites (2nd edition 2020)

This guidance is intended to provide contractors with a set of tools that allow them to plan, assess, and manage the disruption associated with demolition and construction work. The guide also provides a method of working responsibly outside of what would be considered standard working hours to facilitate complex and challenging projects with minimal impact.

For more information click on the link [Code of Best Practice for Demolition and Construction Sites \(2nd edition 2020\)](#)

10. Construction, Design and Management 2025 Regulations

Includes overview, how to notify a project (F10), construction and building work, legal requirements, frequently asked questions and roles and responsibilities.

For more information click on the link [Construction, Design and Management 2025 Regulations](#)

11. Design Manual for Roads and Bridges (DMRB)

The Design Manual for Roads and Bridges (DMRB) contains information about current standards, advice notes and other published documents relating to the design, assessment and operation of trunk roads, including motorways.

For more information click on the link [Design Manual for Roads and Bridges](#)

12. Equality Act (2010)

The Equality Act 2010 legally protects people from discrimination in the workplace and in wider society. It replaced previous anti-discrimination laws with a single Act, making the law easier to understand and strengthening protection in some situations.

For more information click on the link [Equality Act \(2010\)](#)

13. Good Practice for Design in the Historic Environment: Principles and Case Studies: Historic England

Here you can find information on good practice for design when making changes to the built historic environment through development: including our role, design codes basic principles and case studies.

For more information click on the link [Good Practice for Design in the Historic Environment: Principles and Case Studies | Historic England](#)

14. Green Infrastructure Framework 2: Environmental Character Areas

This document is used to support the Worcestershire Green Infrastructure (GI) Strategy. It focuses on identifying and analysing Environmental Character Areas (ECAs) across the county to guide strategic planning and conservation efforts.

For more information click on the link [Green Infrastructure Framework 2: Environmental Character Areas](#)

15. Health and Safety Executive (HSE) guidance for safe operation of refuse and recycling collection vehicles in a pedestrian environment

Guidance for safe operation of refuse and recycling collection vehicles in a pedestrian environment.

For more information click on the link [Safe operation of refuse and recycling collection vehicles in a pedestrian environment](#)

16. Hereford and Worcester Fire and Rescue Service guidance

Guidance for emergency access to roads, flooding, and buildings.

For more information click on the link [Hereford and Worcester Fire and Rescue Service guidance](#)

17. Highway Act 1980

The Highways Act 1980 is a UK law that manages and maintains roads, streets, and bridges in England and Wales. It also covers the rights of the public to use the highways. Under the Act, Highway authorities must keep the public highway network safe for users. This includes inspecting roads and footpaths. Highway authorities can build new roads, footways, cycle tracks, bridges, and tunnels and can improve roads, including widening footways and carriageways.

For more information click on the link [Highway Act 1980](#)

18. Highways Pre-Application Advice

Guidance for all applicants to engage with the Local Planning Authority to ensure they are fully aware of the local police context.

For more information click on the link [Highways Pre-Application Advice](#)

19. Inclusive Mobility- A Guide to Best Practice on Access to Pedestrian and Transport Infrastructure

The document is a guide to best practice on access to pedestrian and transport infrastructure. Creating and maintaining an accessible public realm is crucial for ensuring that disabled people are not excluded from playing a full role in society.

For more information click on the link [Inclusive Mobility](#)

20. Land Compensation Act 1973

An Act to confer a new right to compensation for depreciation of the value of interests in land caused by the use of highways, aerodromes and other public works; to confer powers for mitigating the injurious effect of such works on their surroundings; to make new provision for the benefit of persons displaced from land by public authorities; to amend the law relating to compulsory purchase and planning blight; to amend section 35 of the Roads (Scotland) Act 1970; and for purposes connected with those matters.

For more information click on the link [Land Compensation Act 1973](#)

21. Local Cycling and Walking Infrastructure Plans (LCWIPs)

LCWIPs set out the vision and key priorities for infrastructure improvements in each of the areas, to create attractive, joined-up priority cycling and walking networks, encouraging, and enabling people to travel more sustainably and safely. LCWIPs are also key plans in helping us to secure funding to

deliver these improvements to cycling, walking and wheeling routes, including via Government bidding opportunities and from developers

For more information click on the link [Local Cycling and Walking Infrastructure Plans \(LCWIPs\)](#)

22. LTN 1/07 – Traffic Calming Guidance

This LTN provides advice for local authorities on the use of traffic calming measures. It gives information about legislation and looks at the design, effectiveness, and installation of measures.

For more information click on the link [Traffic Calming Guidance](#)

23. LTN 1/20 Cycle Infrastructure design

Guidance for local authorities on designing high quality, safe cycle infrastructure published by the Department of Transport.

For more information click on the link [Cycle Infrastructure Design \(LTN1/20\)](#)

24. Manual for Streets (part 1) Guide to Planning and Design of Residential Streets

Manual for streets (MfS) explains how to design, construct, adopt and maintain new and existing residential streets. It provides guidance for those involved in the design, construction, adoption, and maintenance of residential streets, including planners, highway authorities, and developers.

For more information click on the link [manual for streets](#)

25. Manual for Streets (part 2)

Manual for streets 2' expands on the design advice in 'Manual for Streets 1' to include how to plan and improve busy high streets, urban and rural streets.

For more information click on the link [manual 2 for streets](#)

26. Modeshift STARS

Is the Centre of Excellence for the delivery of Effective Travel Plans in Education, Business and Residential settings. The scheme recognises schools, businesses and other organisations that have shown excellence in supporting cycling, walking and other forms of sustainable and active travel.

For more information click on the link [Modeshift STARS](#)

27. National Planning Policy Framework (NPPF) 2024

The National Planning Policy Framework (NPPF) sets out the government's planning policies for England and how these are expected to be applied. It was updated in 2024.

For more information click on the link [National Planning Police Framework \(NPPF\)](#)

28. Natural England Green Infrastructure (GI)

The GI Framework will help local planning authorities and developers meet requirements in the National Planning Policy Framework to consider GI in local plans and in new development. It can support better planning for excellent quality GI and help to target the creation or improvement of GI, particularly where existing provision is poorest.

For more information click on the link [Natural England Green Infrastructure \(GI\)](#)

29. Natural England Pre Submission Screening

A pre-submission screening service is to find out if a development proposal affects a protected species and needs a wildlife license.

For more information click on the link [Natural England Pre Submission Screening](#)

30. New Roads and Street Works Act 1991- Section 49

Under the New Roads & Street Works Act 1991 (NRSWA) Highways England is the Highways Authority for the strategic road network.

For more information click on the link [New Roads and Street Works Act 1991- Section 49](#)

31. Planning for Health South Worcestershire

The Planning for Health in South Worcestershire Supplementary Planning Document provides guidance to local authority planning officers, applicants, relevant organisations and the wider community on delivering healthier developments.

For more information click on the link [Planning for Health in South Worcestershire](#)

32. Protected species and development: advice for local planning authorities

DEFRA advice on how to assess a planning application when there are protected species on or near a proposed development site.

For more information click on the link [Protected species and development: advice for local planning authorities](#)

33. Public Sector Equality Duty (2011)

Was introduced by section 149 of the Equality Act (2010), which came into force on 5th April 2011. It replaced the existing duties in respect of race, disability, and gender equality.

For more information click on the link [Public Sector Equality Duty \(2011\)](#)

34. Secure Cycle Parking and Off- Street Car Parking

In planning for active places, cycle parking should account for future growth in cycling. Car parking should be balanced against the desirability of active modes for short journeys and the availability of public transport. Providing off-street car parking can avoid pavement parking or congested streets. Secure cycle parking for homes, workplaces and other destinations maximises opportunities for cycling for everyday journeys.

For more information click on the link [Secure cycle parking and off-street car parking](#)

35. Secure by Design (3D interactive guide) urban design principles to ensure safe places

Secured by Design (SBD) is the official police security initiative that is owned by the UK Police Service with the specific aim to reduce crime and helping people live more safely. This is conducted by collaborating closely with builders, developers, local authorities, and registered housing associations to incorporate our police crime prevention standards from initial concept and design through to construction and completion.

For more information click on the link [interactive 3D design guide](#)

36. Sewers for Adoption (SFA)

This Guide is for use by Developers when planning, designing and constructing foul and surface water drainage systems (including pumping stations and rising mains) intended for adoption under an Agreement made in accordance with Section 104 of the Water Industry Act 1991.

For more information click on the link [SFA 8 Master 2](#)

37. Shaping Worcestershire's Future- Our Plan for Worcestershire

Worcestershire County Council's Corporate Plan sets out our priorities for the County and the services we provide. It highlights how the Council will evolve its way of doing business to be able to deliver them and ensure their resources are used to maximum effect.

38. Streetworks

Street Works UK Ltd is the only cross-sector UK trade association representing utilities and their contractors. Street Works UK Ltd aims to improve street works through best practices, self-regulation, and strong engagement with government, local authorities, and highways bodies (HAU(UK)).

For more information click on the link [Streetworks](#)

39. Sustainability and Net Zero Design Guide 2024

Published by the Government Property Agency, this Sustainability and Net Zero Annex outlines the key actions we will take to maintain compliance and embed recent legislation and policy. We want to adopt best practice and innovative approaches in our aim to become a flagship agency in greening government.

For more information click on the link [Sustainability and Net Zero Design Guide 2024](#)

40. The National Design Guide 2021

This National Design Guide, and the National Model Design Code and Guidance Notes for these Design Codes illustrate how well-designed places that are beautiful, healthy, greener, enduring, and successful can be achieved in practice. It forms part of the Government's collection of planning practice guidance and should be read alongside the separate planning practice guidance on design process and tools.

For more information click on the link [national design guide](#)

41. The National Model Design Code 2021

The National Model Design Code provides detailed guidance on the production of design codes, guides, and policies to promote successful design.

For more information click on the link [national model design code](#)

42. The Planning for Health- Green Infrastructure- South Worcestershire

Further guidance on green infrastructure can be found in the supplementary planning document Planning for health- page 32.

For more information click on the link [The Planning for Health- Green Infrastructure](#)

43. The Planning for Health SPD- South Worcestershire

Health Impact Assessments are an important part of the planning process ensuring developers are aware of the necessity to complete a HIA to consider and mitigate against unintended impacts

For more information click on the link [The Planning for Health SPD](#)

44. The SuDS Manual (C753)

Sustainable Drainage Systems (SuDS) can provide a wide range of environmental benefits. The SuDS Manual published by CIRIA contains guidance based on evidence for professionals working with drainage, to help them use SuDS.

For more information click on the link [SuDS Manual](#)

45. Traffic Signs Regulations and General Directions (TSRGD) 2016

The Traffic Signs Regulations and General Directions (TSRGD) 2016 prescribe the designs and conditions of use for traffic signs, including road markings, traffic signals and pedestrian, cycle and equestrian crossings used on or near roads.

For more information click on the link [Traffic Signs Regulations and General Directions \(TSRGD\) 2016](#)

46. Traffic Management Act 2004

The Traffic Management Act 2004 (TMA) gives powers to local traffic highway authorities and traffic officers to reduce traffic congestion in towns and cities.

For more information click on the link [Traffic Management Act 2004 \(TMA\)](#)

47. Travel Plans, Transport Assessments and Statements

Provides advice on when Transport Assessments and Transport Statements are required, and what they should contain.

For more information click on the link [Travel plans, transport assessments and statements](#)

48. Trees in Hard Landscapes: A Guide for Delivery (TDAG, 2014)

This guide explores the practical challenges and solutions for integrating trees in 21st century streets, civic spaces, and surface car parks. These are the most challenging environments for growing trees but are also the areas that can derive great benefits from their inclusion.

For more information click on the link [Trees in hard landscapes a guide for delivery, TDAG 2014](#)

49. Tree Species Selection for Green Infrastructure: A Guide for Specifiers (TDAG, 2019)

This guide offers for the first time in the UK a comprehensive, research-based decision-making tool on selecting appropriate species for a range of contrasting planting scenarios. *The guide* includes information for over 280 species on their use-potential, size and crown characteristics, natural habitat, environmental tolerance, ornamental qualities, potential issues to be aware of, and notable varieties.

For more information click on the link [Tree Species Selection for Green Infrastructure: A Guide for Specifiers \(TDAG, 2019\)](#)

50. Trees in Townscape (Trees and Design Action Group, TDAG, 2021) Design principles supported by the Woodland Trust to encourage tree friendly spaces within developments

The Trees and Design Action Group (TDAG), brings together individuals, professionals, academics and organisations from wide ranges of disciplines in both the public and private sectors to improve knowledge and good practice to support the role of urban trees through better collaboration in the planning, design, construction and management and maintenance of our urban places.

For more information click on the link [Trees and design action group, TDAG 2021](#)

51. Worcestershire Green Infrastructure Strategy 2023-2028

This document sets out key principles and mechanisms by which we can make the most of Green Infrastructure in Worcestershire. It is a document of hope and one that must become a powerful tool in delivering a more sustainable future for our communities and county.

For more information click on the link [Worcestershire Green Infrastructure Strategy](#)

52. Worcestershire County Council Landscape Charter Assessment

Landscape Character Assessment (LCA) is a tool for identifying the patterns and individual combinations of features – such as hedgerows, field shapes, woodland, land use, patterns of settlements and dwellings – that make each type of landscape distinct and often special to those who live and work in it.

For more information click on the link [Landscape Character Assessment](#)

53. Worcestershire County Council Local Transport Plans

Worcestershire Local Transport Plan focuses on attracting and supporting economic investment and growth, by delivering transport infrastructure and services to tackle congestion and improve quality of life

For more information click on the link [The Local Transport Plan](#)

54. Worcestershire County Council Net Zero Carbon Plan

Reducing carbon emissions is key in the fight against climate change, and we acknowledge the Council has a significant role to play. We are committed to reducing our own emissions and using our influence to reduce countywide emissions with partners and stakeholders and supporting wider adaptation to future climatic changes. Our work on this is outlined in our Environmental Improvement Plan, of which this Net Zero Carbon plan is a key theme.

For more information click on the link [Net Zero Carbon Plan](#)

55. Worcestershire County Council Public Health Joint Strategic Needs Assessment (JSNA)

The JSNA summaries include the annual report of the latest public health work and data and information for Worcestershire.

For more information click on the link [Public Health Joint Strategic Needs Assessment](#)

56. Worcestershire County Council Regulatory Services (WRS) document ‘Code of Best Practice for Demolition and Construction Sites’ (2nd Edition 2020)

This document is intended to provide contractors with a set of tools that allow them to plan, assess, and manage the disruption associated with demolition and construction work. The guide also provides a method of working responsibly outside of what would be considered standard working hours to facilitate complex and challenging projects with minimal impact.

For more information click on the link [Worcestershire Regulatory Services \(WRS\)](#)

57. Worcestershire County Council Sustainable Drainage Design Evaluation Guide (SuDS)

In 2010, the Flood and Water Management Act proposed that SuDS should be used in most development and this was confirmed in a ministerial statement on 23 March 2015 introducing the ‘non statutory technical standards for SuDS. The responsibility for ensuring that SuDS are designed and implemented to a satisfactory standard lies with the Local Planning Authority (LPA)

For more information click on the link [Worcestershire Sustainable Drainage Design Evaluation Guide \(SuDS\)](#)

58. Worcestershire County Council Transport Asset Management Plan: March 2022

The Transportation Asset Management Plan (TAMP) has been developed by Worcestershire County Council in response to several major initiatives that have been introduced in recent years.

The TAMP covers Worcestershire County Council's entire highway network, including the primary asset types of carriageways, footway, street lighting, bridges and traffic signals, and the secondary asset types such as signs and drainage.

For more information click on the link [Transport Asset Management Plan](#)