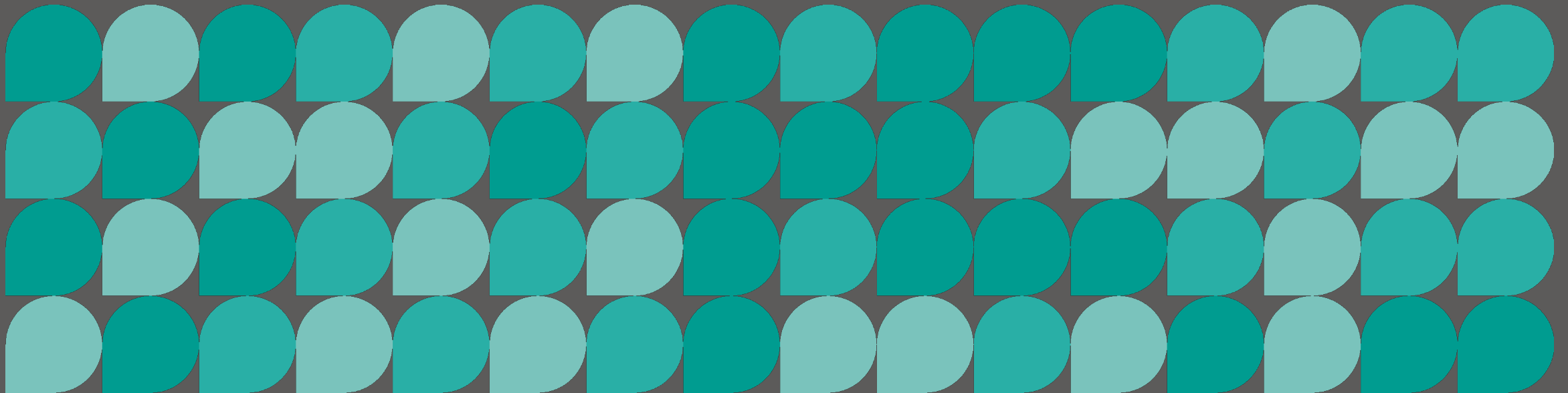


Schedule 3

Jill Holden

Greater Manchester Flood and Water Management Programme Manager



Flood and Water Management Act 2010

Schedule 3

- January 202 DEFRA announced the government's decision to implement Schedule 3 of the Flood and Water Management Act 2010 in England.
- Schedule 3 was excluded from the Act's ratification 13 years ago.
- Expected to be implemented in 2024 and will provide a framework for the approval and adoption of sustainable drainage systems (SuDS) to regulate rainfall, decrease the volume of water flowing into sewers and storm overflow discharges.
- Wales commenced the schedule into law in January 2019.

Sustainable Drainage Systems (SuDS)

- SuDS are designed to:
 - Manage stormwater locally, to mimic natural drainage and encourage its infiltration, attenuation and passive treatment.
 - Manage the flood and pollution risks resulting from urban runoff and to contribute wherever possible to environmental enhancement and place making.
- The multi-functionality and multiple benefits of SuDS should always be considered.

Moston Brook, Manchester. Enlarged swales to slow flow of contaminated water to brook.



Dales Brow, Swinton. Neglected green space used to slow flow of road runoff.





Current challenges to SuDS delivery in new development

- Viability challenges make it difficult to negotiate the funding of SuDS through the planning application process
- Maintenance funding is a factor in non adoption of SuDS
 - Local Authorities are unlikely to adopt SuDS due to increased pressure on resource and budgets
 - Maintenance plans are provided by the developers with management companies assigned to manage the site which will include SuDS
- UU will adopt part of the SuDS system if built to the correct standards, this leaves areas of land that still need to be managed within the development
 - Very few SuDS systems meet the sewers for adoption standards

DEFRA Review - Schedule 3

- Review carried out to identify the benefits of making SuDS mandatory for new development.
- The report published in January 2023 found the Planning led approach alone is not working and in general no specific checking regimes in place to ensure that SuDS had been constructed as agreed.
- Wales has already implemented Schedule 3.
- The review recommended that Schedule 3 to be implemented In England in 2024.



Recommendations

Implement schedule 3 to Flood and Water Management Act 2010 as written in legislation.

Enactment of Schedule 3 provides a framework for approval and adoption, SAB's, national standards on design, construction, operation and maintenance of SuDS.

SAB will be either unitary authority or county council.

Non-statutory technical standards become statutory.

Right to connect surface water runoff to public sewers conditional up on the drainage system being approved before construction can start.

Fees chargeable, non-performance bonds to be introduced.



SuDS Approval Body (SAB)

- One of the most notable proposals is for the introduction of SuDS approval bodies (SAB) whose duty it will be to adopt new drainage systems on the basis that they meet certain conditions.
- The SAB will:
 - Decide if the application meets the SuDS mandatory standards.
 - Approve any construction work that has drainage implications before it is commenced and adopt drainage systems (drainage for single properties is exempt).
 - Approve a development if they have, where appropriate consulted with - sewerage undertaker, Environment Agency, The Canal and River Trust, internal drainage board, highways authority
 - Notify the applicant, the planning authority and any consultees once an application has been approved.

SuDS Adoption

- SAB's will adopt new drainage systems on the basis that they meet certain conditions. To hit the criteria, developers and other property professionals must ensure they do the following:
 - Build the drainage system in line with an approved drainage plan that complies with national standards
 - Certify that the drainage system functions in line with the approved plan or non-performance bond if a certificate has been issued
 - Ensure the system is a sustainable drainage system as defined by the Secretary's regulations

Next steps

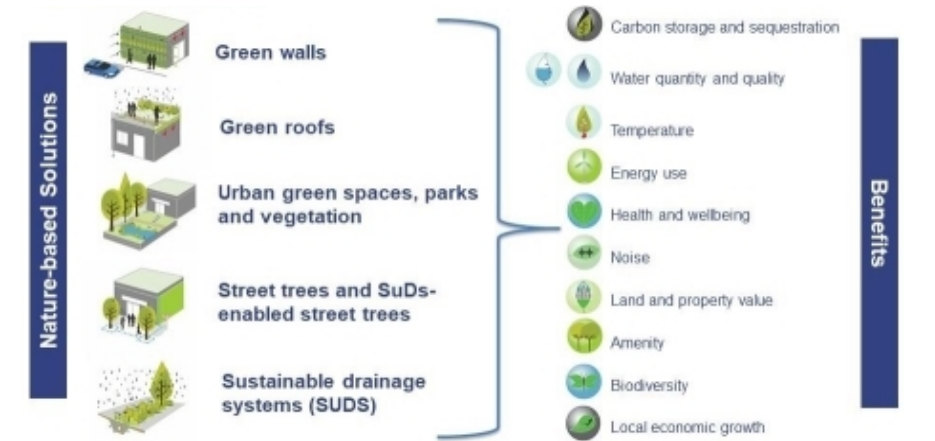
- Schedule 3 commencement is subject to final decisions on scope, threshold and process once a full regulatory impact assessment has been consulted on and the net additional cost of all new burdens placed on local authorities is assessed and funded.
- The assessment will summarise the options considered and the expected costs and benefits.
 - Surveys have been circulated to gather evidence to feed into the assessment.
- An analysis of the costs and benefits in full will inform the best decision on funding including the running costs of the SAB and the SuDS operation and maintenance costs.



Glebe Farm, Steyning

Streets for All

SuDS Design Guide for Streets and Highways



Carpino Place, Salford



SuDS tree pit installation, Salford



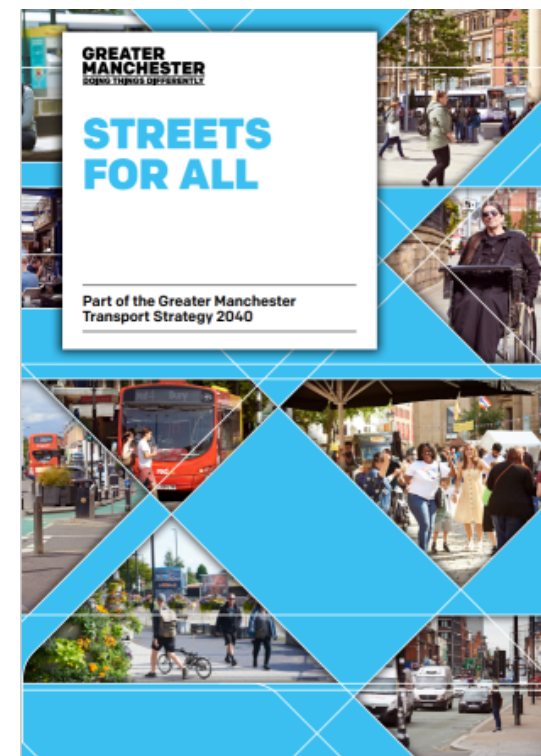
Streets for All Strategy

- **Streets for All Strategy** adopted by GMCA in December 2021
- Levelling-up across modes and promote integrated, universally accessible street design

Our Streets for All vision:

We will ensure that our streets are welcoming, green, and safe spaces for all people, enabling more travel by walking, cycling and using public transport while creating thriving places that support local communities and businesses.

(Policy 20 – Greater Manchester Transport Strategy 2040)



- Deliver the **Streets for All Essentials** in partnership



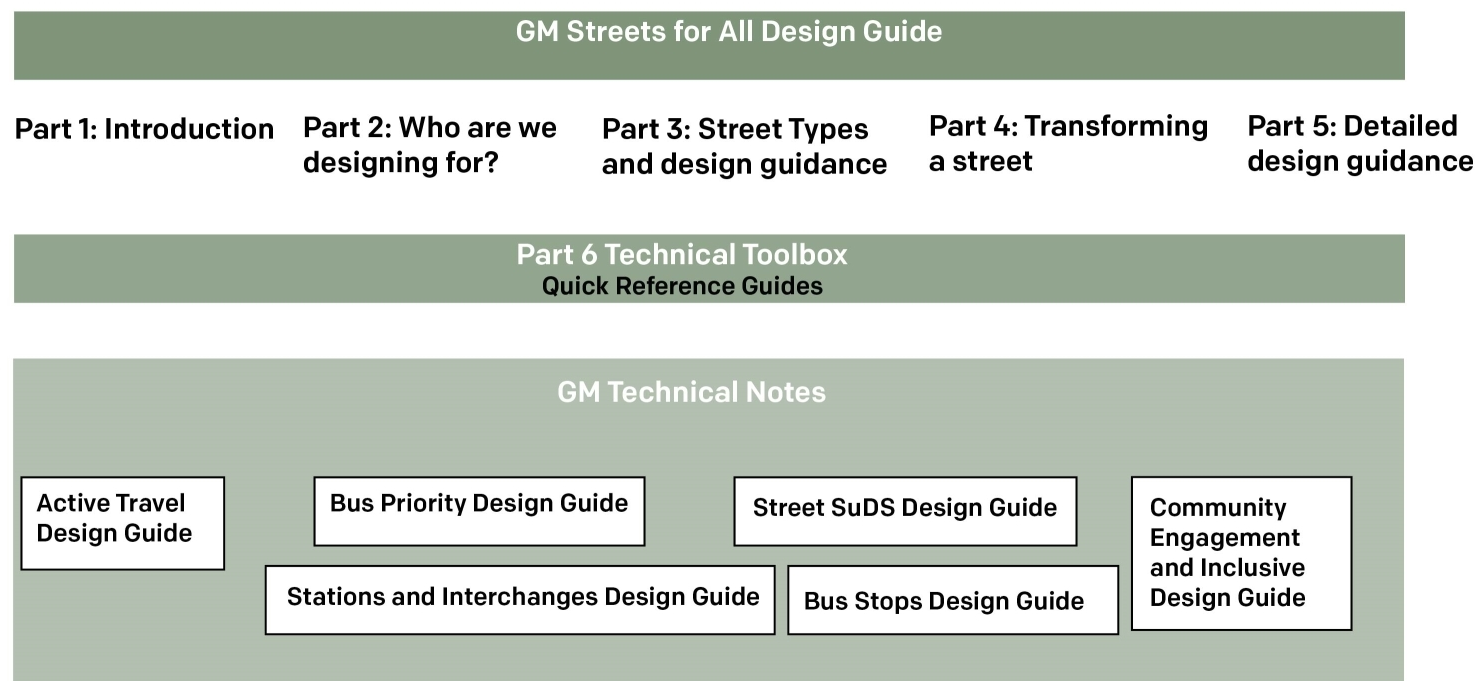
Streets for All Design Guide

Infrastructure design guide for **everyone involved in the design of streets and places** in GM

Highlights infrastructure **design options, standards** and **details best practice**

Provides a **toolkit for local authorities, TfGM, and third parties** (i.e. developers) that can be used to assess and deliver streets schemes that meet Streets for All objectives.

Support application of consistent quality standards for streets and places across GM



Introduction

The **Greater Manchester SuDS Design Guide for Streets and Highways** will form supporting design guidance for projects across the region, including schemes within the **£1bn City Region Sustainable Transport Settlement (CRSTS)** programme.

Through this programme, and other streets and highways projects, there is the opportunity to increase the resilience of our ageing infrastructure and maximise the opportunity to deliver multi-functional benefits through SuDS.

The Guide will provide guidance on the design, delivery and maintenance of SuDS. Work is ongoing with 10 GM Local Authorities to embed the guide within districts.

How is the development of the SuDS Design Guide being funded?

Through TfGM and United Utilities, and seeking funding through the Natural Course EU Life Project, and the Regional Flood and Coastal Committee

Adoption

The SuDS guide will relate specifically to the retrofit of SuDS in streets and highways. The principles will be transferable to new developments. Options being identified for Local Authorities to adopt locally or collectively.



Policy Context

The GM 5-year Environment Plan:

‘Commits to embedding climate change resilience adaptation in all our policies and increasing the resilience of our critical infrastructure’

GM 2040 Infrastructure Framework:

‘Provision of infrastructure that maintains and/or reduces flood risk across Greater Manchester whilst accommodating developmental growth and climate change’.

GM 2040 Transport Strategy

‘Policy 10: We will work with partners to reduce transport carbon emissions to support Greater Manchester's ambition to be net zero carbon by 2038; and to implement measures to ensure our transport system is resilient to climate change’

Streets for All Strategy:

‘We will create streets that are resilient to future climate change impacts by implementing green Sustainable Drainage Systems (SuDS) in Streets for All proposals, helping to reduce the current and future risk of flooding in a sustainable and cost effective way’



Delivering SuDS

The Guide will provide information on a range of options for capital and maintenance funding.

There are already a number of funding options to support the delivery of SuDS, including:

- Local Highways projects
- Local levy – applications through the North West Regional Flood and Coastal Committee
- Section 106 contributions
- United Utilities Green Recovery Fund
- Green Spaces Fund - for community projects
- Example in Salford where a private business (land owner) has installed SuDS as part of the regeneration of their property

The Guide will include local case studies detailing delivery and maintenance of SuDS to share knowledge and lessons learned.



Development of SuDS Guide

Consultation sessions undertaken during June 2022, engaged 93 people across the 10 districts and close partners.

SuDS Reference Group formed; multi-disciplinary representation from all 10 districts and key external partners.

Key feedback:

- Broad agreement that a GM SuDS design guide would aid in delivery of SuDS in Highways Schemes (and to an extent new developments)
- Guide should be a practical simple visual toolkit which shows how to introduce SuDS alongside common highways features in a simple, affordable way
- Information on benefits and costs of SuDS and funding options
- Mythbusting – the guide should address common issues and constraints with SuDS and show practical routes to installation in a range of common GM street types
- Requests for separate resources to engage citizens on why these features are being installed



Scope of the SuDS Design Guide

The guide provides the opportunity to:

- Set out design standards and guidance for retrofitting SuDS in complex urban environments across the region that is complementary to existing Local Authority guidance, where available.
- Provide an agreed consistent approach to designing and delivering SuDS across Greater Manchester
- Become a platform for engagement with developers
- Increase officer knowledge, skills, and confidence to promote and deliver SuDS
- Promote the delivery of SuDS across different scales, e.g. opportunistic SuDS at bus stops and junctions to town centre redevelopment or highways corridor projects
- Links to Streets for All Design Check



Status of the SuDS Design Guide

- The Guide will relate specifically to SuDS in streets and highways, primarily aimed at retrofit of SuDS in complex urban environments.
- However, the principles will be transferable for highways/streets in new developments and how SuDS should be implemented within proposals, including where S278, S106/CIL (Community Infrastructure Levy) is expected to contribute to delivery.
- There is currently little consistency in terms of local guidance across the ten authorities, it is hoped that this guidance can be adopted as a GM wide standard.
- During the consultation phase there was discussion around the possibility of the guide becoming a Supplementary Planning Document – feedback on this option would be welcomed.



Next steps

- Content brief for the guide finalised by Feb '23
- Sign-off the content brief by the GM SuDS Reference group Feb '23
- In house drafting of the Design Guide commencing Feb - March '23
- Procurement of designs for the Guide Feb - March '23
 - Focus of the procurement on technical support for the example designs, street cross-sections, costings and maintenance regimes
- Draft guide circulate for feedback – May '23
- Aiming for publication of the guide summer '23

