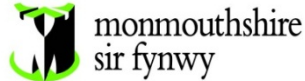


# Public Document Pack



Neuadd y Sir  
Y Rhadyr  
Brynbuga  
NP15 1GA

County Hall  
Rhadyr  
Usk  
NP15 1GA

Monday, 30 April 2018

Dear Councillor

## INDIVIDUAL CABINET MEMBER DECISIONS

Notice is hereby given that the following decisions made by a member of the cabinet will be made on Wednesday, 9 May 2018.

1. **ADOPTION OF HIGHWAY MANAGEMENT PLAN** 1 - 206

**Division/Wards Affected:** All Wards  
**CABINET MEMBER:** County Councillor S B Jones

**AUTHOR:** *Paul Keeble*  
Group Engineer (Highway & Flood Management)

**CONTACT DETAILS:**

**Tel:** 01633 64733  
**E-mail:** [paulkeeble@monmouthshire.gov.uk](mailto:paulkeeble@monmouthshire.gov.uk)

2. **CIVIL PARKING ENFORCEMENT** 207 - 220

**Division/Wards Affected:** All Wards  
**CABINET MEMBER:** County Councillor S B Jones

**AUTHOR:** Paul Keeble, Group Engineer, Highways and Flooding  
**CONTACT DETAILS:**

**Tel:** 01633 644733  
**E-mail:** [paulkeeble@monmouthshire.gov.uk](mailto:paulkeeble@monmouthshire.gov.uk)

3. **PROHIBITION OF WAITING AT ANY TIME (CHAPEL ROAD, STANHOPE STREET, CANTREF ROAD, AVENUE ROAD, HAROLD ROAD) ABERGAVENNY** 221 - 246

**Division/Wards Affected:** Cantref  
**CABINET MEMBER:** County Councillor SB Jones

**AUTHOR:** Paul Keeble Traffic & Network Manager

**CONTACT DETAILS:**

**Tel:** 01633 64733

**E-mail:** [paulkeeble@monmouthshire.gov.uk](mailto:paulkeeble@monmouthshire.gov.uk)

4. **POST RE EVALUATION OF LEAD COMMUNITY IMPROVEMENT SUPERVISOR (WORKING WITH PRISONERS)** 247 - 258

**Division/Wards Affected:** All Wards

**CABINET MEMBER:** County Councillor P Murphy

**AUTHOR:** Nigel Leaworthy

**CONTACT DETAILS:** Mr Nigel Leaworthy Operations Manager

Contact Tel: 01633 644151 –

[nigelleaworthy@monmouthshire.gov.uk](mailto:nigelleaworthy@monmouthshire.gov.uk)

5. **PROPOSED 20 MPH, 30 MPH AND 40 MPH SPEED LIMITS, TRELLECH** 259 - 276

**Division/Wards Affected:** Trellech United

**CABINET MEMBER:** County Councillor S B Jones

**AUTHOR:** Paul Keeble Traffic & Network Manager

**CONTACT DETAILS:**

E-mail: [Paulkeeble@monmouthshire.gov.uk](mailto:Paulkeeble@monmouthshire.gov.uk)

Telephone: 01633 644733

6. **DELETION OF VACANT 0.5FTE PLANNING POLICY MANAGER POST AND CREATION OF FIXED TERM 1.0FTE SENIOR PLANNING POLICY OFFICER POST FOR 3.5 YEARS** 277 - 298

**Division/Wards Affected:** All Wards

**CABINET MEMBER:** County Councillor Greenland

**AUTHOR & CONTACT DETAILS:**

Mark Hand (Head of Planning, Housing and Place-Shaping)

**Tel:** 01633 644803 / 07773 478579.

**E Mail:** [markhand@monmouthshire.gov.uk](mailto:markhand@monmouthshire.gov.uk)

7. **AMENDMENTS TO SENIOR URBAN DESIGN AND LANDSCAPE OFFICE POST INCLUDING MAKING THE POST PERMANENT** 299 - 320

**Division/Wards Affected:** All Wards  
**CABINET MEMBER:** County Councillor Greenland

**AUTHOR & CONTACT DETAILS:**

Mark Hand (Head of Planning, Housing and Place-Shaping)

**Tel:** 01633 644803 / 07773 478579.

**E Mail:** [markhand@monmouthshire.gov.uk](mailto:markhand@monmouthshire.gov.uk)

8. **CREATION OF FIXED TERM STUDENT/GRADUATE PLANNER POST WITHIN THE DEVELOPMENT MANAGEMENT TEAM** 321 - 338

**Division/Wards Affected:** All Wards  
**CABINET MEMBER:** County Councillor Greenland

**AUTHOR & CONTACT DETAILS:**

Mark Hand (Head of Planning, Housing and Place-Shaping)

**Tel:** 01633 644803 / 07773 478579.

**E Mail:** [markhand@monmouthshire.gov.uk](mailto:markhand@monmouthshire.gov.uk)

9. **GENERAL DATA PROTECTION REGULATION POLICY GDPR** 339 - 362

**Division/Wards Affected:** All Wards  
**CABINET MEMBER:** County Councillor P Jordan

**AUTHOR:** Annette Evans Customer Relations Manager and Acting Data Protection Officer,

Rachel Trusler Freedom of Information and Data Protection Support Officer in consultation with Tracey Harry Head of People and Senior Information Risk Officer (SIRO) and Internal Audit.

**CONTACT DETAILS:**

**Tel: Ext. 4946**

**E-mail:** [racheltrusler@monmouthshire.gov.uk](mailto:racheltrusler@monmouthshire.gov.uk)

10. **RURAL PROGRAMMES TEAM - ICT AND FINANCE APPRENTICE POST** 363 - 380

**Division/Wards Affected:** All Wards  
**CABINET MEMBER:** County Councillor Greenland

**AUTHOR:**

Michael Powell

**CONTACT DETAILS:**

**Tel:** 01633 644870

**E-mail:** [michaelpowell@monmouthshire.gov.uk](mailto:michaelpowell@monmouthshire.gov.uk)

Yours sincerely,

**Paul Matthews**  
**Chief Executive**

### CABINET PORTFOLIOS

County Councillor	Area of Responsibility	Partnership and External Working	Ward
P.A. Fox (Leader)	<b>Whole Authority Strategy &amp; Direction</b> CCR Joint Cabinet & Regional Development; Organisation review; Regional working; Government relations; Public Service Board; WLGA.	WLGA Council WLGA Coordinating Board Public Service Board	Portskewett
R.J.W. Greenland (Deputy Leader)	<b>Enterprise</b> Land use planning; Economic development; Tourism; Development control; Building control; Housing & homeless; Leisure; Youth; Adult education; Outdoor education; Community Hubs; Cultural services.	WLGA Council Capital Region Tourism	Devauden
R.P. Jordan	<b>Governance</b> Council & Executive decision support; Scrutiny; Regulatory Committee standards; Member support; Community governance; Elections; Democracy promotion & engagement; Law; Ethics & standards; Whole authority performance; Whole authority service planning & evaluation		Cantref
R. John	<b>Children &amp; Young People</b> School standards; School improvement; School governance; EAS overview; Early Years; Additional Learning Needs; Inclusion; Extended curriculum; Admissions; Catchment areas; Post 16 offer; Coleg Gwent liaison	Joint Education Group (EAS) WJEC	Mitchel Troy
P. Jones	<b>Social Care, Safeguarding &amp; Health</b> Children; Adult; Fostering & Adoption; Youth offending service; Supporting people; Whole authority safeguarding; Disabilities; Mental health; Health liaison		Raglan
P. Murphy	<b>Resources</b> Finance; Information technology (SRS); Human Resources; Training; Health & Safety; Emergency planning; Procurement; Audit; Land & buildings (inc. Estate, Cemeteries, Allotments, Farms); Property maintenance; Digital office; Commercial office.	Prosiect Gwrydd Wales Purchasing Consortium	Caerwent
S.B. Jones	<b>County Operations</b> Highways maintenance, Transport, Traffic & Network Management; Fleet management; Waste including recycling; Public conveniences; Car parks; Parks & open spaces; Cleansing; Countryside; Landscapes &	SEWTA Prosiect Gwrydd	Goytre Fawr

	biodiversity; Flood Risk.		
S. L. Jones	<b>Social Justice &amp; Community Development</b> Community engagement; Deprivation & Isolation; Community safety; Social cohesion; Poverty; Equalities; Diversity; Welsh language; Public relations; Trading standards; Environmental Health; Licensing; Communications		Llanover

# Aims and Values of Monmouthshire County Council

## Our purpose

Building Sustainable and Resilient Communities

### Objectives we are working towards

- Giving people the best possible start in life
- A thriving and connected county
- Maximise the Potential of the natural and built environment
- Lifelong well-being
- A future focused council

## Our Values

**Openness.** We are open and honest. People have the chance to get involved in decisions that affect them, tell us what matters and do things for themselves/their communities. If we cannot do something to help, we'll say so; if it will take a while to get the answer we'll explain why; if we can't answer immediately we'll try to connect you to the people who can help – building trust and engagement is a key foundation.

**Fairness.** We provide fair chances, to help people and communities thrive. If something does not seem fair, we will listen and help explain why. We will always try to treat everyone fairly and consistently. We cannot always make everyone happy, but will commit to listening and explaining why we did what we did.

**Flexibility.** We will continue to change and be flexible to enable delivery of the most effective and efficient services. This means a genuine commitment to working with everyone to embrace new ways of working.

**Teamwork.** We will work with you and our partners to support and inspire everyone to get involved so we can achieve great things together. We don't see ourselves as the 'fixers' or problem-solvers, but we will make the best of the ideas, assets and resources available to make sure we do the things that most positively impact our people and places.







**SUBJECT: Adoption of Highway Management Plan**

**MEETING: INDIVIDUAL CABINET MEMBER DECISION**

**DATE: 9<sup>TH</sup> MAY 2018**

**DIVISION/WARDS AFFECTED: All**

**1. PURPOSE:**

- 1.1 This report seeks member approval to adopt the Monmouthshire County Council Highway Management Plan in line with the requirement of the new national code of practice “Well Maintained Highway Infrastructure”. The Highway Management Plan adopts a new asset and risk base approach for the management of county highways and a move away from the existing ad hoc approach to assessing risk and methods of preparing work schedules. The plan is a fit with the Corporate Improvement Plan and ensures that MCC complies with the national government requirements and statutory responsibilities as the Highway & Transport Authority.

**2. RECOMMENDATIONS:**

- 2.1 That Monmouthshire County Council adopt the Highway Management Plan in line with the requirement of the new national code of practice “Well Maintained Highway Infrastructure” and as shown in appendix A.
- 2.2 That approval should be given to create an additional Highway Asset Inspector post in order to meet the obligations set out within the code of practice and funded from the anticipated savings of adopting the Highway Management Plan. However if post monitoring and assessment highlights that these savings are not realised then a review of the highway budget will be carried out to seek alternative funding from within the highways budget. The proposed job description for this new post is shown in appendix B.

**3. KEY ISSUES:**

- 3.1 The highway network is a key and highly visible community asset, supporting the national and local economy and contributing to the character, and environment of the areas that it serves. National legislation requires highway authorities to establish highway policies and guidance in order to effectively manage their statutory duties and the new code of practice titled “Well Maintained Highway Infrastructure” is a key document for all highway authorities to adopt in moving to a new asset and risk management base approach for the county highways.

- 3.2 The key principles set out within the new Code are addressed within the MCC Highway Management Plan and are crucially important in order for the authority to deliver and improve this important service to meet MCCs legal obligations and address the objectives set out in both the national guidance and MCC's own corporate plan.
- 3.3 In recent years the growth of traffic and backlog in funding to adequately maintain the highway infrastructure, against a backdrop of a number of embankment failures and deterioration of Monmouthshire's highway bridges and county lanes, has brought increasingly widespread recognition of the importance of highway maintenance, and the high value placed on it both by users and the wider community. There is also an increasing understanding of the serious consequences of failure to invest adequately and effectively in maintaining the local highway network, in particular the progressive deterioration of safety, reliability, and quality, eventually requiring even greater levels of investment in the future.
- 3.3 The adoption of the MCC Highway Management Plan will enable the authority to manage these broader transport objectives, as well as the more detailed financial and technical aspects of highway maintenance planning. The plan addresses the importance that the new Code places on asset and risk management and also seeks to address the implications of the Traffic Management Act 2004.
- 3.4 Effective management and stewardship of the local road network has the potential to aid regeneration, social inclusion, community safety, health and the environment, but this will need a planned long-term programme of investment, efficiently managed and supported by effective technical and management systems. The MCC Management Plan sets out these wider objectives and covers the development of improvements of such matters as providing for disabled people, addressing the particular needs of motorcyclists, integrated public space and townscape management, as well as planning for severe weather events and other emergencies. The Plan also incorporates a section on performance management and provides an important link to both the MCC Corporate Plan and more specifically the Highway Service Plan.

**4. REASONS:**

- 4.1 The Highway Management Plan, in addition to the appointment of a new position of Highway Asset Inspector, will allow the authority to adopt a risk and asset management based approach set out within the new code 'Well-managed highway infrastructure'. Highway Authorities are required to adopt the recommendations of this new code by October 2018.

**3. RESOURCE IMPLICATIONS:**

- 3.1 The adoption of the new Code will offer MCC a robust and higher level of defence against 3<sup>rd</sup> Party Insurance Claims and thereby reduced future public liability insurance premiums and the risk of service failure.

- 3.2 The Highway Management Plan has already been prepared by Highways. This plan sets out MCC's key actions required to meet the recommendations of the new code and the next stage will be to confirm a longer term action plan based upon the principles of asset and risk management. The resources to deliver this next stage, other than that set out under 3.3, will be reviewed and aligned to meet the objectives set out within the plan and the requirements of the new code of practice.
- 3.3 The funding of the additional Highway Asset Inspector will be met from the existing Highway Revenue Budget and offset against the reduced costs of insurance premiums and claims as stated under 3.1. The post monitoring and evaluation of the plan will provide evidence to confirm whether the anticipated savings outlined above have been realised and if not review how the additional costs can be funded from within the highways budget.

**4. CONSULTEES:**

- 4.1 Senior Leadership Team

**5. BACKGROUND PAPERS:**

- 5.1 Well Maintained Highway Infrastructure

**6. Equality Impact Assessment**

- 6.1 The equality impacts identified in the assessment (Appendix C) are summarised below for members' consideration:
- 6.2 The Highway Management Plan demonstrates is in compliance with the well-being five ways of working, supports the well-being goals and identifies that moving to a risk and asset management approach is expected to have a positive impact on the planning and resources required to develop and deliver a well maintained and efficient local highway network with Monmouthshire.

**7. AUTHOR:**

Paul Keeble  
Group Engineer (Highway & Flood Management)

**8. CONTACT DETAILS:**

Tel: 01633 64733  
E-mail: [paulkeeble@monmouthshire.gov.uk](mailto:paulkeeble@monmouthshire.gov.uk)

**Appendix A – MCC Highway Management Plan**

**Appendix B – Highway Asset Inspector Job Description**

# Appendix A



## Monmouthshire County Council Highway Management Plan

## **Appendix B**

**MONMOUTHSHIRE COUNTY COUNCIL**  
**CYNGOR SIR FYNWY**  
**REGENERATION, ENVIRONMENT & RESOURCES DIRECTORATE**

JOB DESCRIPTION

<b>Job Title:</b>	Highway Asset Inspector
<b>Post Ids:</b>	ROHI08
<b>Hours:</b>	37 per week
<b>Grade:</b>	SCP 22 – 28 subject to job evaluation
<b>Location:</b>	County Hall
<b>Division:</b>	Highways & Waste
<b>Accountable to:</b>	Project Manager Strategy Project Engineer (Structures) for operational issues relating to structures inspections

**Job Purpose:**

To be responsible for and to arrange day-to-day safety & condition inspections of an area of Monmouthshire's highways, and keep them in a safe condition. To ensure safety defects are recorded and reported for urgent responses. To collect and record asset information, its precise location, its dimensions, the condition of that asset and its relation to recorded information. To maintain an awareness and appreciation of all highway related works within the area and to work closely with the Area Superintendent. To carry out general inspections of the Council's Highway structures, maintaining records of all structures and the inspections undertaken and to assist in carrying out survey work in association with bridge assessments and carrying out assessments on simple structures.

**Key Tasks:**

- 1 To inspect highways, highway structures associated signs and street furniture on a planned and programmed basis and in response to stakeholder complaints, identifying defects, hazards and accelerated deterioration, urgent or safety defects and to record such data and arrange its input into a highway management system for later retrieval in relation to insurance claims and future work planning. Where safety issues are identified that require urgent action to report such rapidly to the Area Engineer for action.
- 2 To liaise with the One Stop Shops in respect of highway referrals and to use the Mayrise Highway Management system to maintain records of responses,
- 3 To assist with prioritisation of repairs and elimination of hazards on the highways and to use local knowledge and experience in providing that assistance.
4. To assist with the day-to-day management of the Pavement Management System and to assist with the preparation, review and updating of the Directorate's Highway and Transport Asset Management Plan

- 5 To ensure a proper programme of highway inspections is maintained and sound recording methods are used to meet the Council's statutory duty, and to collect physical asset data from insurance claim details and undertake condition assessments, CVI surveys or similar surveys in order to maintain the Asset Inventory and to provide a forward plan of prioritised works in the network.
- 6 To record and identify highway flooding issues related to highway drainage or land drainage problems affecting the highway, liaising with the Land Drainage Officer as necessary.
- 7 To carry out work measurement for performance management and billing Purposes as required.
- 8 To respond, when required to calls for emergency work and winter maintenance, participating in an out-of-hours duty rota. To follow up on RTA's and other incidents to ensure the highway is maintained in a safe condition and any damage is recorded together with those responsible for future recharge, liaising with the Area Superintendents.
- 9 To investigate insurance claims from road users when requested, and assist with their timely administration.
10. To comply with the Council's policies, and with all legislation applicable to the unit.
11. To abide by the principles and practice of equal opportunity in line with the Council's Equal Opportunities Policy.
12. To deal expeditiously with all verbal and written enquiries from the public, elected Members, landowners and their agents and solicitors, consultants and other parties affected by works. To represent the Authority, or to support officers and elected Members at public meetings and at Community and Town Council meetings
13. To ensure that all services are customer focused and of high quality always working and observing proper levels of professional conduct.
18. To undertake planned and non-routine inspection, as well as on occasions to supervise, the works and performed of Statutory Undertakers in accordance with the requirements of the New Roads & Street Works Act 1991.
19. To assist the Project Engineer with general office and site duties.
21. To carry out minor maintenance work at the time of inspection that is judged necessary to carry out the inspection.(eg emergency pothole repair or provide cone and sign dangerous incidents)
23. To be aware of the special requirements of Health and Safety Legislation relating to the work carried out and have due regard for own responsibilities. To carry out the work in accordance with the Council's policies



24. To participate in the Departments system for career development, undertaking training and development relevant to the post and the department's work.
25. To assist in the training and development of other staff including Trainees / Work Experience personnel.
26. Such other reasonable duties, as may be delegated from time to time to assist in the Team's range of services to the public, commensurate with the post.
27. The post holder will be expected to work outside normal working hours, on occasion, in order to ensure the proper and effective discharge of the Councils responsibilities, and to provide the appropriate levels of service.
28. You will be expected to work through inclement weather where practical and will be provided with appropriate safety and protective clothing
29. The post holder will be based at Raglan Depot and will be required to undertake duties throughout the county of Monmouthshire.



<p><b>Name of the Officer - Paul Keeble</b>  <b>Phone no: 01633 644873</b>  <b>E-mail: paulkeeble@monmouthshire.gov.uk</b></p>	<p><b>Please give a brief description of the aims of the proposal:</b></p> <p>To seek member approval of the Highway Management Plan and appointment of a new Highway Asset Inspector in order to meet with the requirements of the new Code of Practice “Well Maintained Highway Infrastructure”.</p>
<p><b>Name of Service – Highways and Flood Management</b></p>	<p><b>Date Future Generations Evaluation – 11/04/2018</b></p>

***NB. Key strategies and documents that may help you identify your contribution to the wellbeing goals and sustainable development principles include: Single Integrated Plan, Continuance Agreement, Improvement Plan, Local Development Plan, People Strategy, Asset Management Plan, Green Infrastructure SPG, Welsh Language Standards, etc***



**1. Does your proposal deliver any of the well-being goals below?** Please explain the impact (positive and negative) you expect, together with suggestions of how to mitigate negative impacts or better contribute to the goal.




Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
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<b>Well Being Goal</b>	<b>Does the proposal contribute to this goal? Describe the positive and negative impacts.</b>	<b>What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?</b>
<b>A prosperous Wales</b> Efficient use of resources, skilled, educated people, generates wealth, provides jobs	Positive	The adoption of the Highway Management Plan promotes the efficient and effective management of the highway and transport network and thereby contributes to supporting a strong and sustainable economy.
<b>A resilient Wales</b> Maintain and enhance biodiversity and ecosystems that support resilience and can adapt to change (e.g. climate change)	Neutral	
<b>A healthier Wales</b> People's physical and mental wellbeing is maximized and health impacts are understood	Neutral	
<b>A Wales of cohesive communities</b> Communities are attractive, viable, safe and well connected	Positive	The adoption of the Highway Management Plan will contribute to improving access and highway safety.
<b>A globally responsible Wales</b> Taking account of impact on global well-being when considering local social, economic and environmental wellbeing	Neutral	
<b>A Wales of vibrant culture and thriving Welsh language</b> Culture, heritage and Welsh language are promoted and protected. People are encouraged to do sport, art and recreation	Neutral	

Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<b>A more equal Wales</b> People can fulfil their potential no matter what their background or circumstances	Neutral	

**2. How has your proposal embedded and prioritised the sustainable governance principles in its development?**

Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
 <p><b>Long Term</b></p> <p>Balancing short term need with long term and planning for the future</p>	Yes	As shown within the draft plan.
 <p><b>Collaboration</b></p> <p>Working together with other partners to deliver objectives</p>	Yes	As shown within the draft plan.

Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
 <p><b>Involvement</b></p> <p>Involving those with an interest and seeking their views</p>	<p>Yes</p>	<p>The plan has been developed in conjunction with other welsh highway authorities and the county surveyors society wales.</p>
 <p><b>Prevention</b></p> <p>Putting resources into preventing problems occurring or getting worse</p>	<p>Yes</p>	<p>The plan sets out a risk assessment approach to ensure that resources are best utilised and that investment is based upon sound and data led information.</p>
 <p><b>Integration</b></p> <p>Considering impact on all wellbeing goals together and on other bodies</p>	<p>N/A</p>	

**3. Are your proposals going to affect any people or groups of people with protected characteristics?** Please explain the impact, the evidence you have used and any action you are taking below. For more detailed information on the protected characteristics, the

Equality Act 2010 and the Welsh Language Standards that apply to Monmouthshire Council please follow this link:<http://hub/corporatedocs/Equalities/Forms/AllItems.aspx> or contact Alan Burkitt on 01633 644010 or [alanburkitt@monmouthshire.gov.uk](mailto:alanburkitt@monmouthshire.gov.uk)

<b>Protected Characteristics</b>	<b>Describe any positive impacts your proposal has on the protected characteristic</b>	<b>Describe any negative impacts your proposal has on the protected characteristic</b>	<b>What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?</b>
Age	Increase accessibility		
Disability	Increase accessibility		
Gender reassignment	N/A		
Marriage or civil partnership	N/A		
Pregnancy or maternity	N/A		
Race	N/A		
Religion or Belief	N/A		
Sex	N/A		
Sexual Orientation	N/A		
Welsh Language	HMP compliments the current Welsh Language Act		

**4. Council has agreed the need to consider the impact its decisions has on important responsibilities of Corporate Parenting and safeguarding. Are your proposals going to affect either of these responsibilities?** For more information please see the guidance <http://hub/corporatedocs/Democratic%20Services/Safeguarding%20Guidance.docx> and for more on Monmouthshire's Corporate Parenting Strategy see <http://hub/corporatedocs/SitePages/Corporate%20Parenting%20Strategy.aspx>

	<b>Describe any positive impacts your proposal has on safeguarding and corporate parenting</b>	<b>Describe any negative impacts your proposal has on safeguarding and corporate parenting</b>	<b>What will you do/ have you done to mitigate any negative impacts or better contribute to positive impacts?</b>
Safeguarding	N/A	N/A	
Corporate Parenting	N/A	N/A	

**5. What evidence and data has informed the development of your proposal?**

The HMP has been developed in accordance with the requirements of the new code and the county surveyors society wales asset management methodology.

**6. SUMMARY: As a result of completing this form, what are the main positive and negative impacts of your proposal, how have they informed/changed the development of the proposal so far and what will you be doing in future?**

The proposals offer positive change and will be monitored and reviewed to help identify future schemes and works programme as well as fulfilling MCCs corporate improvement plan and meet its highway statutory duties as the highway authority.

**7. ACTIONS: As a result of completing this form are there any further actions you will be undertaking? Please detail them below, if applicable.**

What are you going to do	When are you going to do it?	Who is responsible	Progress
Implement the actions set out within the HMP	A schedule of actions will be developed to support the HMP and the appointment and amendment to the posts will support MCC in achieving the Code's requirements and time frame of October 2018. The schedule will set out responsible officers for each element of the plan and will monitored through the Service Plan.	Group Engineer	On-going

**8. MONITORING: The impacts of this proposal will need to be monitored and reviewed. Please specify the date at which you will evaluate the impact, and where you will report the results of the review.**

The impacts of this proposal will be evaluated on:	The Plan will be evaluated against the original objectives and as set out within the schedule of delivery.
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**9. VERSION CONTROL:** The Future Generations Evaluation should be used at the earliest stages of decision making, and then honed and refined throughout the decision making process. It is important to keep a record of this process so that we can demonstrate how we have considered and built in sustainable development wherever possible.

Version No.	Decision making stage	Date considered	Brief description of any amendments made following consideration
			<i>This will demonstrate how we have considered and built in sustainable development throughout the evolution of a proposal.</i>

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The new Well-Managed Highway  
Infrastructure Code of Practice:

Monmouthshire CC Highway  
Management Plan

Page 19

Presentation to Members  
March 2018

Highways, Operations  
Monmouthshire CC

# Agenda:

- ▶ The New Code: what is it?
- ▶ The headlines: what are the key issues?
- ▶ Risk Management Approach: what is this?
- ▶ Status: what is the legal position of the new code?
- ▶ Importance of safety inspections: why the need and what is the appropriate frequency?
- ▶ Look over boundaries?
- ▶ Summary: a look at what has been done and what next: **MCC Highway Management Plan**

# Background: well-managed highway infrastructure code of practice?

- ▶ Supercedes & brings together the previous Codes 'Well-maintained Highways', 'Well-lit Highways' and 'Management of Highway Structures'
- ▶ New code adopt a risk based approach to the management of the highway infrastructure
- ▶ Published on 28 October 2016
- ▶ The new Code needs to be adopted by highway authorities before October 2018

## The New Code

- ▶ The highway: biggest and most expensive asset which MCC is responsible for as the local Highway & Transport Authority: MCC's Highway Asset Est. @ £40bn

▶ MCC's biggest Asset needs to be well managed!

- ▶ The final version of the Well-Managed Highway Infrastructure Code of Practice was published on 28 October 2016.
- ▶ Local authorities have until 28 October 2018 to implement it.
- ▶ The new Code replaces the Well-Maintained Highways Code of Practice of July 2005

## What's the headlines?

- ▶ The new Code based on a principle that highway authorities will adopt a risk-based approach to asset management (more next slide)
- ▶ Taking account of local needs, priorities and affordability ( but be careful on that one!)

# Risk Management: what is a risk based assessment approach?

- ▶ A risk based approach is using data and other information to review how best to target resources to achieve improved efficiencies and effectiveness.

## ▶ Page 24 Examples:

- ▶ Using survey & inspection records to help to prioritise future planned maintenance as well as best direct reactive and planned maintenance work
- ▶ Street lighting - burning lights to extinction and switching on/ off during peak demand times
- ▶ gully cleansing schedule should be targeted to address prone flooding areas etc. and not simply follow a schedule



# What is a risk based assessment approach? (cont.)

- ▶ A risk based approach requires setting the levels of service, inspection frequencies, response to service requests, resilience to adverse weather, priorities and setting of programmes. The risk approach also requires regular monitoring and review for all aspects of the highway infrastructure with follow up action.
- ▶ All above taking in to consideration the needs of the local service users and the objectives of the MCC Corporate Plan

# Status of New Code

- ▶ The new code is mandatory
- ▶ Highway Authority - same as the old code - 'used in evidence'
- ▶ Non-compliance will put the authority at **high risk**: not able to successfully mounting a section 58 Highways Act 1980 defence.
- ▶ Failure to follow code will result in considerable cost to the authority (both increased claims and potential future funding)

# What issues need to be considered?

## Benefits of Civil Parking Enforcement

- ▶ Highway Safety
- ▶ Targeted Enforcement
- ▶ Addressing long standing parking problem areas
- ▶ Improved environmental Conditions
- ▶ Improved accessibility
- ▶ Provides a dedicated resource
- ▶ Local accountability.

# Resourcing the change?

- ▶ As it is risk based a need to review your highways within your area?
- ▶ Resourcing this upfront.. But and will this approach save you money in the longer term?
- ▶ Will it make statutory defences to claims more robust ( long term cost savings)

# Frequency of safety inspections

- ▶ If a risk matrix is used to assess and analyse the frequency at which roads are to be inspected:
- ▶ Will it lead to a reduction in inspection frequency?
- ▶ Will it increase ‘investigatory levels’?
- ▶ The Code provides detailed guidance on what should be applied when authorities carry out their risk based approach
- ▶ Note section 58(2) of the 1980 Act. Any review should include accident claims and accident reports data.
- ▶ Keep your evidence trail - record keeping essential! You will need to justify a change in inspection frequencies

## Look over boundaries?

- ▶ Recommendation 5 - highway authorities are strongly encouraged to collaborate.
- ▶ Sharing policies and adopting similar approaches should minimise risk of challenge (CSS Wales Highway Asset Management Group)
- ▶ Claimant would have a more difficult task in challenging if a group of authorities have a similar view on risk

# Sum up and where next?

- ▶ MCC Highway Infrastructure is Important:
  - ▶ Supports Corporate Plan - all users; business and residents rely the highway in many ways
  - ▶ Biggest MCC Asset Est @ £40 Billion
- ▶ New Code, New Approach
- ▶ Well-Managed Highway Infrastructure:
  - ▶ Risk Management Approach
  - ▶ Need for MCC to have a plan & implement actions
- ▶ Don't panic! Highways have prepared draft **Highway Management Plan**
- ▶ Adoption will allow key actions to progressed and other recommendations considered and developed

# What next?

- ▶ Don't panic! Highways have prepared a draft **Highway Management Plan** - **completed**
- ▶ **The Highway Management Plan** needs Member support and approval - **today**
- ▶ Adoption will allow key actions to be progressed and further consideration on the development of other recommendations within the new code - **next stage**



# What next? (cont.)

## ▶ Next stages:

- ▶ Adopt Asset Management & Risk Management Approach
- ▶ Review all how we manage our Highway Infrastructure

## ▶ Initial key or specific actions:

- ▶ Confirm revised Inspection regime - mirror new hierarchy  
**(additional resource required)**
- ▶ look for consistency with neighbours - **works with CSS**
- ▶ Look at MCC Highways claims processes? **Partly comp.**
- ▶ Review use ICT and recording of data to improved efficiency, effectiveness and evidence 'pathway' - **fits with wider re-design of services**

Thank you

Over to you: Any questions?



## Monmouthshire County Council Highway Asset Management Policy

### Our Vision: Sustainable & Resilient Communities

Monmouthshire County Council believes effective asset management to be one of the key tools in enabling the delivery of its corporate themes namely:

- *Theme 1: Nobody is Left Behind: we want to be a place of cohesive communities where everybody is treated with dignity and respect and has the same opportunity to achieve what they wish.*
- *Theme 2: People are Confident, Capable and Involved: we want Monmouthshire to feel safe and people to be confident. We want to create a place where people want to be involved; they are confident in themselves and their abilities and what they contribute to their own community.*
- *Theme 3: Our County Thrives: we want our county to thrive which includes the economy that supports our communities and families to live a good life. It also means that our environment, its range of habitats and biodiversity thrives.*

It is acknowledged that a good transport network is essential for the provision of a successful economy and society within Monmouthshire. Our roads provide access to jobs, services, schools, distribute goods to stores and allow us to make the most of our leisure time. Our local roads lie at the heart of the transport network and have a key role to play in ensuring that transport in Monmouthshire delivers the services our residents both want or need. Monmouthshire's policy on Asset Management will help to support the Authorities vision of enabling 'Sustainable and Resilient Communities'.

The Asset Management Plan will support these themes as follows:

#### Theme 1

- Ensure rural communities have effective transport links giving good access to services
- Ensure that opportunities are taken where possible to improve accessibility on highway projects
- Provide better public information on what services and activities are available
- Improve access to a range of affordable transport opportunities through improved infrastructure arrangement such as bus bay platforms etc.

*Our adoption of an asset management approach will seek to integrate wider social considerations within the role of highway maintenance*

#### Theme 2

- Improve public protection particularly at night time through well maintained lighting systems.
- Reduce the fear of crime through safer by design initiatives where possible
- Develop safer road systems and educate drivers
- Highways are safe, well maintained and resilient. Our first priority will be to provide a safe, well managed, maintained and more resilient highway network for all who use it.

*Our adoption of an asset management approach will take a long term view in making informed maintenance and investment decisions.*

#### Theme 3

- To consider the environment, the biodiversity and habitats within Monmouthshire in its approach to highway maintenance
- To build resilience within its highway infrastructure to combat the impact of climate change
- To produce less waste and recycle more through its Highway activities
- To reduce CO2 emissions associated with the management of the highway network and promote a green economy

*Our adoption of asset management will place sustainable solutions that minimise waste and landfill at the centre of our approach to highway maintenance.*



# Monmouthshire County Council Highway Asset Management Strategy

Our Vision: Sustainable & Resilient Communities

## Background

This document forms our Highway Asset Management Strategy (HAMS) which will set out how Monmouthshire County Council will manage its highway infrastructure assets and network taking into consideration customer needs, local priorities, asset condition and best use of available resources.

This strategy will then be used to inform the highway maintenance schemes that are to be implemented within Monmouthshires Highway Asset Management Plan (HAMP).

This strategy will be used to support the continuous improvement of our management of highway asset by capturing the outcomes of using the optimum treatments or interventions over the whole life cycle of the different asset groups.

## Monmouthshire

The County of Monmouthshire covers an area of 330 square miles and supports a population of 91 thousand.

Monmouthshire has four major urban centres Abergavenny, Caldicot, Chepstow and Monmouth, but is essentially very rural in nature. The County is recognised for the wide range of species and habitats it contains with many areas designated as Sites of Special Scientific Interest

The County's highway infrastructure assets have a total value of around £xx with around 1,600km of adopted highway networks.

Monmouthshire, as the Highway Authority, has a statutory duty to maintain the highway network in a condition to enable the safe passage of the travelling public.

The County's highway network comprises a wide range of assets and this strategy describes how the principles of asset management are applied to all highway infrastructure assets that are the responsibility of the Council. These assets are summarised in Appendix A.

## Implementing Effective Asset Management

Monmouthshire County Council recognises the importance of its highway infrastructure in the context of the well-being of all who use it. The Council is committed to the good management of its highway assets, not only for now but also for future generations and recognises that effective asset management provides the required approach for efficient management of the highway infrastructure to deliver required levels of service.

The Authority has been developing and implementing asset management principles over a number of years. The Council has been focusing on the implementation of an asset management approach with priority given to the management of asset information and its effective use, as well as the development of processes that deliver required outcomes, through the use of appropriate data analysis or predictive condition profiling tools which support budget and lifecycle management planning.

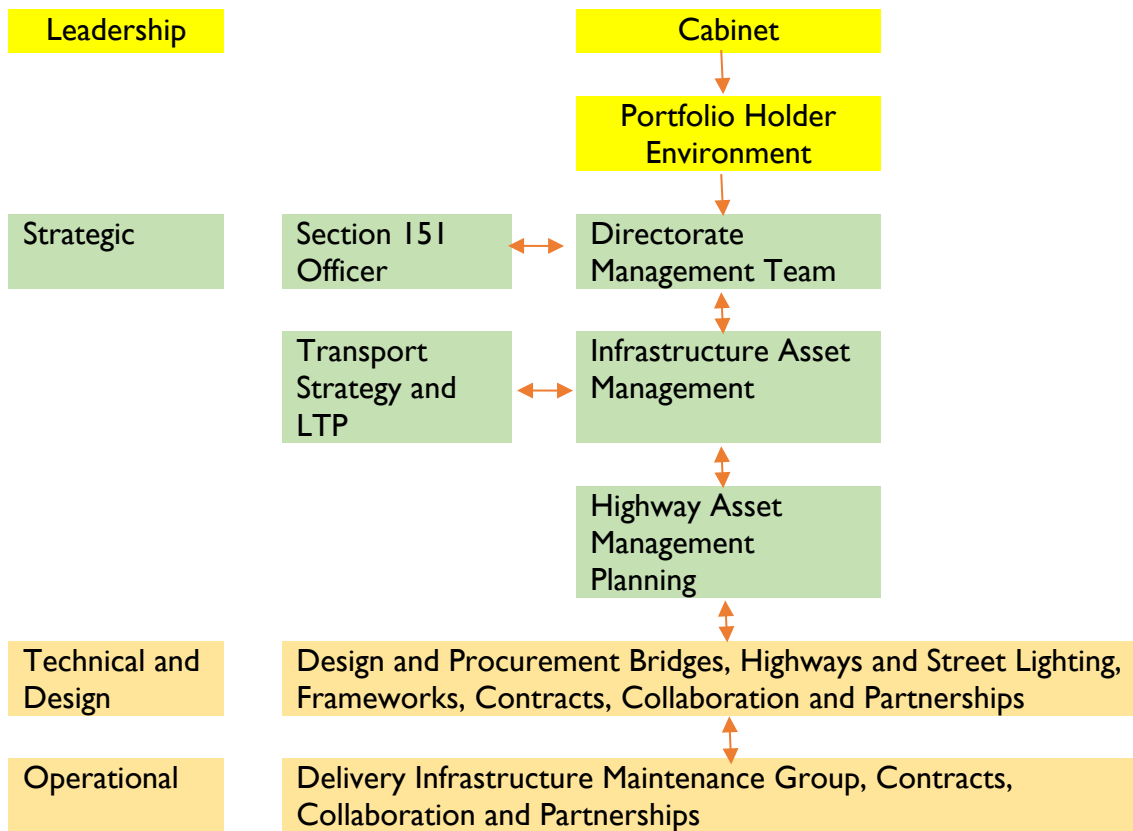
## Monmouthshire's Highway Asset Management Framework

This Highway Asset Management Strategy sits within the wider Highway Asset Management Framework and is one of the key strategic documents related to the delivery of the Council's highways services.

Encompassed within the framework are two key documents; the Council's Highway **Asset Management Plan (HAMP)** and the Transport Strategy. Both contain the approved and adopted policies and policy guidance in respect to the Council's legal requirements and its service provision. These documents reflect the guidance laid down in Well Managed Highway Infrastructure Code of Practice.

The Council has established an organisational structure (Figure 1) that reflects the importance that asset management plays in the delivery of its highways and transport services. This structure enables the development, continual review and embedment of strategic documents and promotes asset management practices.

Figure 1: Organisational Structure



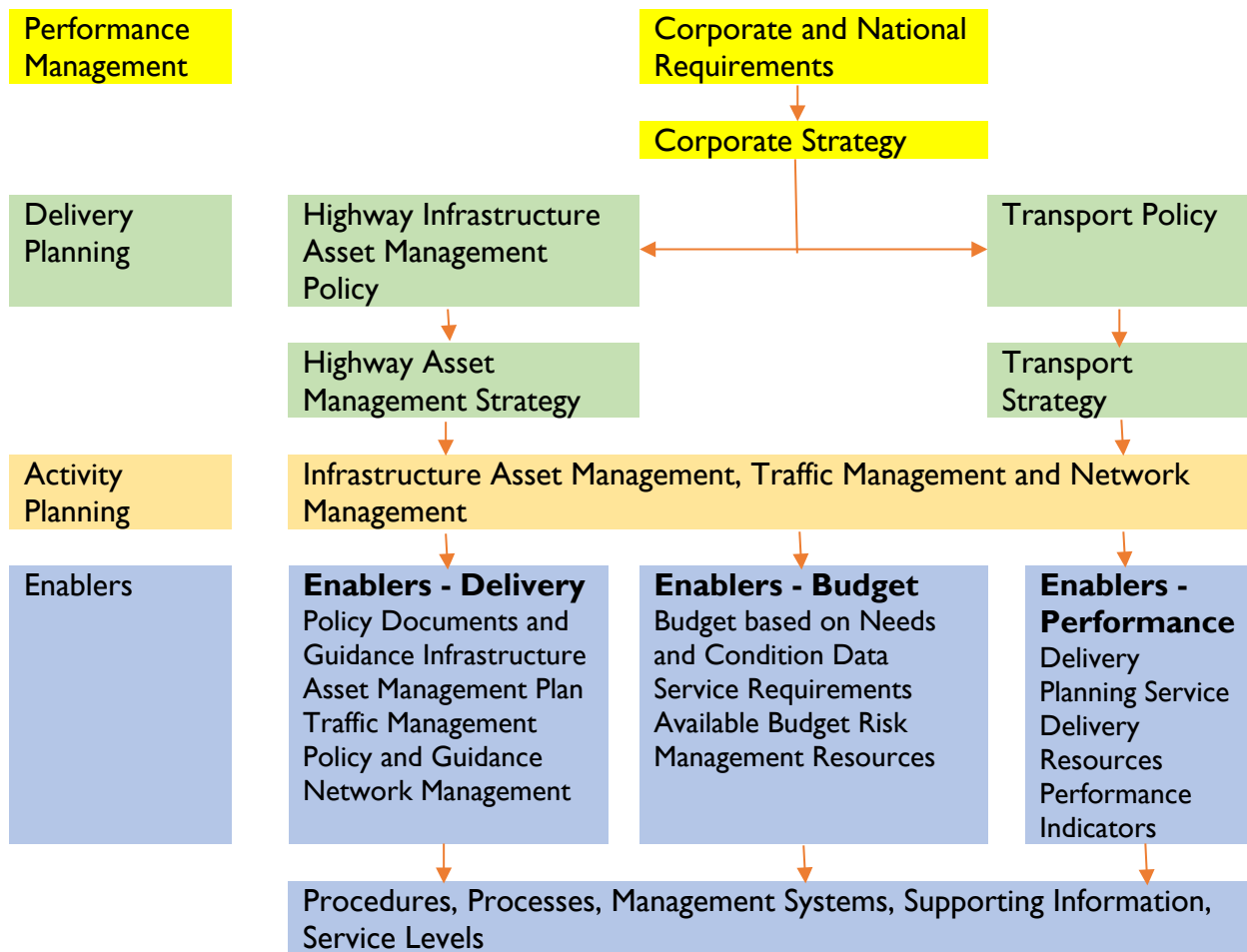
This strategy sets out how the Council’s Highway Infrastructure Asset Management Policy will be achieved. In particular, it describes how the Directorate continues to work towards implementing an asset management approach to the management of the Authority’s highway infrastructure and network. It provides the framework for delivering our corporate priorities through effective, informed and defensible decision making.

This strategy serves as a basis for the development of a detailed HAMP and its implementation, including enabling the organisation, its technology and its processes to adapt to change.

This strategy is based on the framework shown schematically in Figure 2, and outlined in the following sections. This framework clearly identifies the relationships between asset management, the influences of corporate and national drivers and internally the Directorate’s Environment Strategy and Transport Strategy.

The HAMS will inform priorities in the planning and delivery process and therefore support continual improvement in the management of the highway asset.

Figure 2: Asset Management Framework



This strategy covers all maintenance led activities including activities funded by capital and revenue streams.

This strategy explains how individual asset groups and components fit into the framework, describes how the asset management planning process is implemented within the Directorate and refers to tools currently employed, as well as links to other key documents.

Finally, the strategy describes how the Directorate will embed a continuous improvement approach to highway infrastructure asset management, including how national developments and good practice are taken into consideration.

### Strategy for Individual Assets

As part of the highway asset management framework, and in accordance with other national guidance, the highway infrastructure assets have been divided into individual asset groups. Each group is then broken down into asset components and maintenance activities. The asset groups and components are described in the following sections.



A key function of an asset management process is to understand the spending needs of each asset group, component and maintenance activity against performance, aims and objectives. This means understanding funding needs to meet:

Monmouthshires LTP objectives  
Service Delivery and Planning  
Performance Targets

Inherent to this process is a need to understand the influence of budget decisions on customer satisfaction and delivery of the corporate priorities. Furthermore, the impact that investing on one asset component may have on the overall performance of other asset components, as well as the whole asset should be considered. For the delivery of its highway services, It is clear that there is a need to develop closer working between officers tasked with the delivery of technical management and operational works for all the reactive and planned routine operational functions, including the structural maintenance and street lighting replacement and improvement programmes.

In line with national guidance and good practice, Monmouthshire is developing a lifecycle approach to managing its highway maintenance activities. Understanding the individual asset's condition, how long specific maintenance treatments last, the relative cost of these treatments and the Levels of Service (LoS) provided are essential pre-requisites to good asset management. Monmouthshire's goal is to improve public satisfaction with its highway services, whilst maintaining value for money and continuing to provide a safe highway network, in line with corporate priorities.

Monmouthshire plans to adopt a budgeting approach which will deliver the principles of lifecycle management planning and employs a risk management approach in assessing the influences across the following criteria; Legislative, Safety, Environmental, Economy and Customer.

This approach will allow for the available budgets to be split at a strategic level based on a common set of criteria. Successful implementation of this approach relies on a good understanding of the asset, its current and future performance, expenditure and customer feedback; as well as an understanding of the various service levels that may be achieved for the different funding options.

## Asset Groups and Components

Monmouthshires highway infrastructure has been divided into key assets groups and components, as described in Table I.

Table I: Asset Groups and Components

Asset Group	Asset Components
All Classification of Roads	Carriageway, footways and cycle-ways, drainage
Structures	Bridges, Retaining Walls, Culverts
Street Lighting	Street Lights, Illuminated Traffic Signs and Traffic Bollards
Traffic signs and street furniture	Non-Illuminated Traffic Signs and Traffic Bollards, Street Name Plates
Traffic signals and information systems	Traffic Signals, Information Signs and Control Equipment
Fences walls and safety barriers	Fences, Walls and Safety Barriers
Road markings	Road Markings
Environment	Highway Verges, Trees, Weeds
Weather emergencies	Depots, Pumps and Salt Storage Barns

A number of activities are included under each component, as described in Appendix B.

This approach has been adopted to allow a clear understanding of budget allocation across the different asset components and facilitating the recording of where money is invested linked to expenditure to activities.

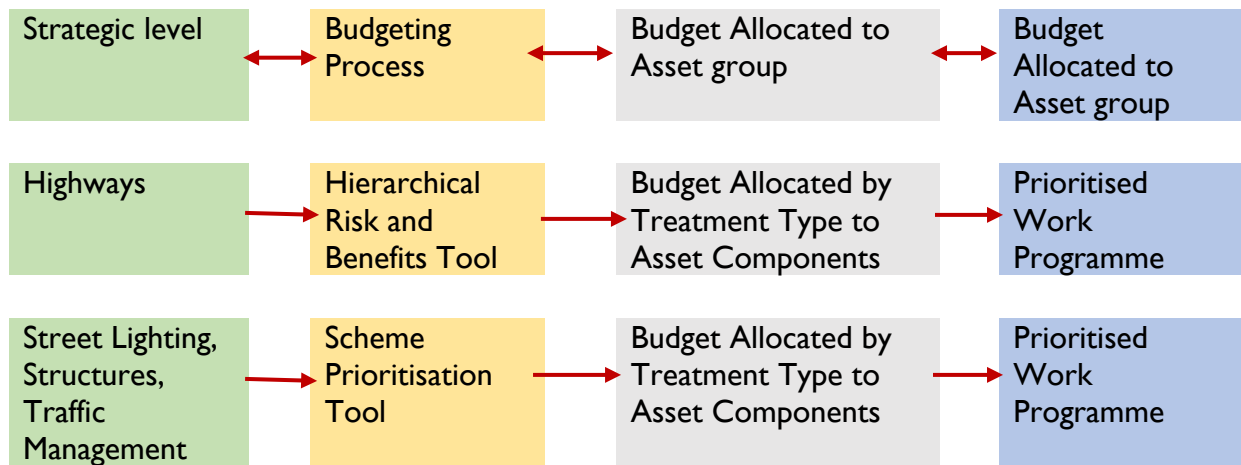
Identifying where money is invested, allows the Council to monitor performance against service delivery and the implementation of a continuous improvement process, within the constraints of available funds.

Dividing the highway infrastructure into component parts and identifying the relative costs and demand for planned, routine and reactive maintenance activities is seen as an essential process upon which a robust budgeting system can be developed.

## Asset Management Planning

The asset management strategy supports continual review and improvement of its processes and procedures, ensuring, as far as possible, that the standards identified in relevant legislation and codes of practice are adopted and that our customers receive a good and efficient service that reflects the resources available. At the asset group level the forward looking work programmes are developed

Figure 3: Budget Allocation Process



This budget allocation approach allows a consistent process and relates high level aspirations to scheme level decisions.

At the Strategic Level processes and tools have been developed which allow informed budget allocation decisions to be measured across a range of criteria. This approach considers the risks and benefits of funding individual activities and to achieve this, five risk criteria, with four sub-criteria for each, have been developed, as described below.

#### Safety

Accessibility, Claims received, Killed and seriously injured records, Safe use of the highway.

#### Environmental

Ecology, Carbon footprint, Climate change, Congestion, Recycling/ Waste minimisation.

#### Economic

Supporting local business, Contractual, Whole life cost, Value for money.

#### Qualitative & Legislative

Targets and performance indicators, Corporate objectives, Council policies, Equalities, legal requirements.

#### Customer Focus

Community need, Public perception, Member perception, Reputation.

These criteria are assessed against each activity to determine impact on the service for different budget scenarios. Through this approach, funding is linked to Asset Groups.

In broad terms, three treatments sets have been developed for our Asset Groups;

Planned Maintenance – replace or enhance;  
Preventative Maintenance – arrest deterioration pro-long life cycle; and  
Reactive Maintenance – maintain public safety.

Targeted investment and informed decisions are therefore encouraged, to deliver the ‘right treatment, at the right time, in the right place’, by identifying the level of service that can be achieved for a given budget allocation.

There are a number of tools available at the Highways service level, for carriageways and footways which allow lifecycle aspirations to be considered and compared with condition targets and budget constraints offering options for route and treatment strategies, with ‘preventative’ treatments having higher priority weightings.

Where suitable data is available and where appropriate this concept will be extended to encompass other asset groups, such as Street Lighting, Structures and Traffic Management. This will allow decisions to be made that consider criteria other than condition and determine programmes that are not necessarily ‘worst condition first’. Unless the asset condition would pose a risk to public safety.

## Maintainability

One of the aims of good asset management is to improve co-ordination between highway improvement and highway maintenance schemes. Taking into account the cost and implications of maintaining the asset at the design stage will ensure that whole life costs of schemes are optimised. The Highway Asset Management Strategy aims to raise awareness of this issue, in accordance with national guidance, by ensuring that any new infrastructure has adopted the most appropriate design option and the most appropriate materials.

Monmouthshire has developed and is implementing a process for incorporating new works into the existing highway network. The process advocates lifecycle management values and introduces early communication between developers or clients and the Council to ensure that asset management principles have been considered and agreed as part of the scheme implementation.

This process aims to ensure that all capital and revenue investment options have been considered fully, where new works should only require maintenance in line with expected lifecycles.

## Review Process

This strategy will be updated annually with minor amendments and fully reviewed on a six yearly basis. This process will be managed by the Infrastructure Asset Manager with inputs from the respective officers tasked with the management of the various elements of the Highway Network.

## Benefits of our Asset Management Strategy

The benefits of implementing the Highway Asset Management Strategy are set out below:

Encourages engagement with other stakeholders, including Elected Members, Senior Officers and the public

Readiness to respond to changes resulting from climate change, weather emergencies, contractors, resilience and finance;

Close working and integration of efforts with other parts of the Council, including Corporate aims and objectives;

Improved delivery within budget constraints – including procurement;

Efficiencies and Collaboration – better ways of doing things, or improved service, enhancing performance in a challenging environment;

Improved understanding of customer aspirations and expectations;

Aids our understanding of what we do by identifying, explaining and providing outcomes to key stakeholders

To influence and focus on the better use of resources.

## Appendices

### Appendix A – Summary of highway Infrastructure Assets

Key Assets	Asset Information			
Asset group	Quantity (approx.)	Unit	Value(approx.)	Average lifespan if maintained
Carriageways		Km		40 years
Footways flags		M2		30 years
Footways bitmac		M2		30 years
Bridges		Nr		120 years
Lighting columns		Nr		Concrete 30 years Galvanised steel 40 years Non galvanised steel 30years Stainless 50 years
Illuminated Signs		Nr		Sign 12 years Pole 25 years
Illuminated bollards		Nr		12 years
Non illuminated signs		Nr		Sign 12 years Pole 25 years
Non illuminated bollards		Nr		12 years
Road marking		Nr		5 years
Highway gullies		Nr		50 years
Highway drains		Km		100 years
Safety barriers and fences		Km		25 years
Trees		Nr		Urban 30 years Rural 120 years
Verges		Ha		50 years

## Appendix B - Asset Groups, Components and Activities

Asset Group	Asset Component	Activity	Works
All Classification Roads	Carriageway, Footway and Cycleways	Reactive Routine Repairs	Reactive repairs carried out from highway safety inspections and customer enquiries that fit the Council's policy criteria for repair
		Preventative maintenance processes	Include carriageway surface dressing & micro asphalts. Includes footway slurry seal. All preparation patching included.
		Cyclical Cleansing	Planned Hot Rolled Asphalt/ SMA carriageway resurfacing/ structural patching.
	Drainage	Planned Repairs	Scheduled cyclic gully cleansing and reactive cleans from customer enquiries.
			Planned repairs of faults from customer enquiries and reports identified on cyclic cleaning routes.

Asset Group	Asset Component	Activity	Works
Highway Structures	Bridges, Retaining Walls, Culverts etc	Asset Creation	Design and site supervision of construction of new highway structures
		Routine Maintenance	Inspections – general, principal special. Structural reviews and assessments. Cleaning of graffiti and routine maintenance. Monitoring of sub-standard bridges for weight and height restrictions.
		Planned Maintenance	Preventative maintenance minor repairs – waterproofing-painting and reforming. Component renewal – renewal of bearings and expansion joints. Upgrading – strengthening parapet replacements – waterproofing. Replacement of structure nearing end of life or becoming unmaintainable.
		Reactive	Painting of structural steel, mainly footbridges over railways. Urgent repairs for safety. Repairs following RTA's Vandalism Essential major repairs due to scour and linked to other parties works.
		Asset Disposal	Transfer; extinguish highway rights – ownership transfer. Demolition – complete removal or infill.



Asset Group	Asset Component	Activity	Works
Street Lighting	Street Lights, Illuminated Traffic Signs and Traffic Bollards	Reactive Routine Repairs	Includes all unplanned reactive repairs to lights not working as planned.
		Structural and Electrical Testing and Inspection	Includes planned structural, visual and electrical testing and inspection.
		Structural Routine repairs, including Reactive repairs	Routine and High Priority from inspections, emergency and accident/vandal damage.
		Lighting Column and Pole Renewals	Replacement of lighting columns and poles nearing end of life or becoming structurally unsound.
		Painting	Painting of structural steel lighting columns and poles.
		Graffiti / Refurbishment	Cleaning of graffiti and routine maintenance
		Cleaning	All traffic sign and bollard faces.
		Energy	All energy consumed associated with street lighting, traffic signs and illuminated traffic bollards.
Traffic Signs and Street Furniture	Non-Illuminated Traffic Signs and Traffic Bollards, Street Name Plates	Reactive Routine Repairs	Includes all unplanned reactive repairs to lights not working as planned.
		Planned Routine Maintenance	Includes all planned maintenance.
		Structural Testing and Inspection	Includes planned structural and visual inspection.
		Structural Routine repairs, including Reactive repairs	Routine and High Priority from inspections, emergency and accident/vandal damage.
		Pole and Sign Plate Renewals	Replacement of poles and signs plates nearing end of life or becoming structurally unsound.
		Painting	Painting of structural steel poles.

		Graffiti / Refurbishment	Cleaning of graffiti and routine maintenance.
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Asset Group	Asset Component	Activity	Works
Fences, Walls and Safety Barriers	Fences, Walls and Safety Barriers	Reactive Routine Repairs	Includes all unplanned reactive repairs.
		Planned Routine Maintenance	Includes all planned maintenance.
		Structural Testing and Inspection	Includes planned structural and visual inspection.
		Structural Routine repairs, including Reactive repairs	Routine and High Priority from inspections, emergency and accident/vandal damage.
		Fence, Walls and Safety Barrier Renewals	Replacement of Fence, Walls and Safety Barrier nearing end of life or becoming structurally unsound.
Road Markings	Road Markings	Reactive Routine Repairs	Includes all unplanned reactive repairs.
		Planned Routine Maintenance	Replacement of road markings becoming faded or worn.
		Special Surfacing	All anti-skid and coloured textureflex surfacings.
Environment	Grass	Visibility Splays	All defined visibility splays
		Urban Cutting	All defined urban areas
		Rural Cutting	All defined rural areas
	Trees	Routine Inspections / Reactive Repairs	Routine Inspections and reactive repairs, pruning and cutting.
		Planned Replacement or Planting	Planned replacement of existing trees / shrubs or planting of new trees / shrubs.
	Weeds	Routine Spray	Routine spray of footways, edgings and channels.
Pulling		All injurious or hazardous weeds.	
Weather Emergencies	Depots	Maintenance Plant, pumps and Salt Barn	
	Facilities	Service and Materials/ Winter Maintenance	

Other	Other	Technical surveys	
		Management systems	
		other	
		Fees	
		Reserves	





# Monmouthshire County Council Highway Management Plan

PART I

# Index

## Part A Overarching Principles

- Introduction
- Policy Framework
- Legal Framework
- Strategy and Hierarchy
- Risk Based Approach
- Network Resilience
- Performance Management
- Financial Management Priorities and Programmig
- Sustainability
- Procurement

## Part B Highways

- Introduction
- Legal Framework Highways
- Asset Management Information Highways
- Asset Condition and Investigatory Levels Highways
- Inspection Assessment and Recording Highways
- Programming and Priorities Highways
- Winter Service

## Part C Structures

- Introduction
- Legal Framework Structures
- Asset Management Information Structures
- Asset Condition and Investigatory Levels Structures
- Inspection Assessment and Recording Structures
- Programming and Priorities Structures

## Part D Lighting

- Introduction
- Legal Framework Lighting
- Asset Management Information Lighting
- Asset Condition and Investigatory Levels Lighting
- Inspection Assessment and Recording Lighting
- Programming and Priorities Lighting
- Service Agreements

## Appendices

Appendix A Monmouthshire County Council Highway Asset Maintenance Policy

Appendix B Monmouthshire County Council Highway Asset Maintenance Strategy

DRAFT

## Part A Overarching Principles



- Principles and Context of This Code
- Terminology
- Guidance Hierarchy
- Maintenance Practice

#### Policy Framework

- Using the Code In The Development Of Asset Management Policy
- Stakeholders And Communication
- Other Authorities
- Integrated Network Management
- Risk Based Approach
- Security Minded Approach
- Information Management

#### Legal Framework

- General and specific requirements
- General requirements

#### Strategy and Hierarchy

- Highway Infrastructure asset management strategy
- Network inventory
- Functional hierarchy
- Resilient network and minimum winter network
- Critical infrastructure
- Lifecycle/designing for maintenance
- Road/rail incursion
- Abnormal loads
- Future maintenance considerations

#### Risk Based Approach

- Principles and considerations
- Development of a risk based approach
- Competencies and training
- Inspections and surveys
- Categories of inspection and survey
- Management systems, recording and monitoring of information
- Safety inspections
- Defect recording and repair
- Reporting by the public
- Works programmes

#### Network Resilience

- Overview

- Resilient network
- Climate change and adaptation
- Planning for responding to network disruption
- Collaboration

Communications  
Learning from events

Performance Management  
Performance management

Financial Management Priorities and Programming  
Financing of highway maintenance  
Budgeting principles

Priorities and programming

Sustainability  
Sustainability and highway maintenance  
Materials products and treatments  
Environmental management  
Materials utilisation  
Waste management and recycling  
Air quality and pollution control  
Nature conservation and biodiversity  
Plants and injurious weeds  
Environmental intrusion  
Environmental consultation and assessment  
Factors to consider for sustainability  
Procurement

# Introduction

## Principles and Context

This document reflects the principles and recommendations set out in the document Well Managed Highway Infrastructure a Code of Practice published by the UK Roads Liaison Group in October 2016

Well Managed Highway Infrastructure a Code of Practice replaces Well Maintained Highways, Management of Highway Structures and Well-Lit Highways.

The introduction of the new Code of Practice sees a move towards a more risk based approach to Highway Maintenance

The introduction of those Risk based management systems based on Local Levels of Service will be introduced to the Authority progressively with the intention that all systems will be in place by October 2018 as recommended by the new Code of Practice

## Terminology

Within this document the following terms are used

- Highway which includes road or street
- Authority meaning Monmouthshire County Council
- Footway that part of the highway over which the public have a right of way on foot only
- Housing Act footway
- Footpath used to describe a Public Right of Way (PROW)
- Cycle Route

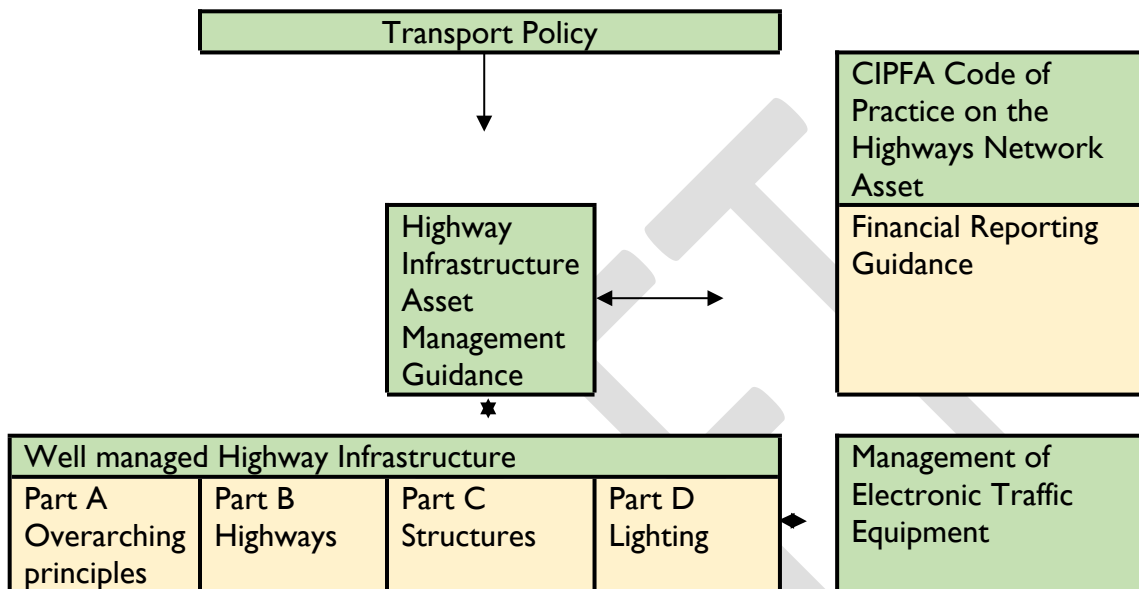
## Maintenance Practice

The main types of maintenance are as follows

- reactive – responding to inspections, complaints or emergencies;
- routine – regular schedule, generally for lamp replacement, patching, cleaning, grass cutting and landscape maintenance, cleaning bridge drainage;
- programmed – flexibly planned schemes primarily of reconditioning or structural renewal;
- regulatory – inspecting and regulating the activities of others;
- Winter Service; and
- resilience and emergencies

## Guidance Hierarchy

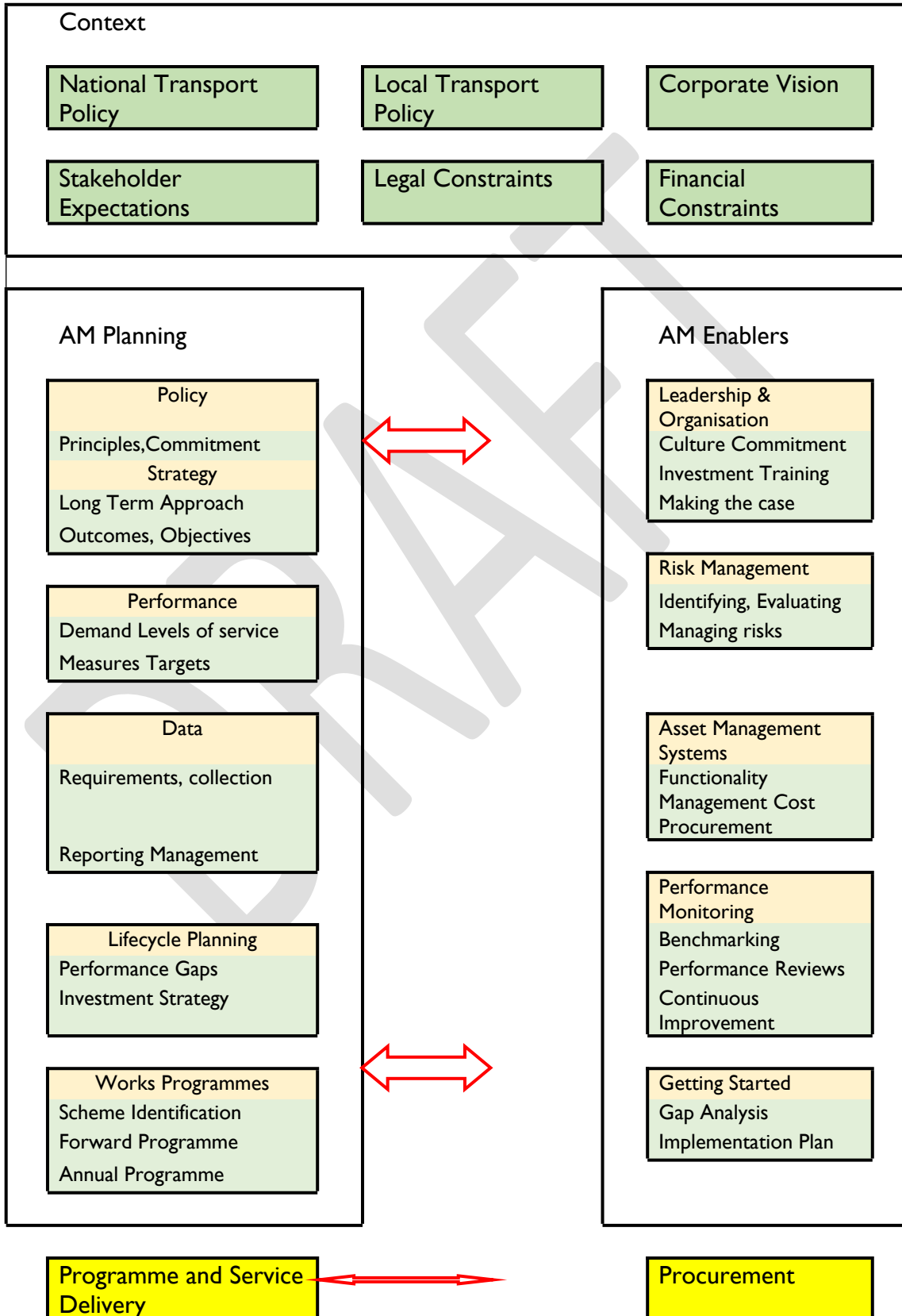
### Hierarchy of Guidance Documents



The above figure sets out the relationship of the suite of documents produced by the United Kingdom Roads Liaison Group.

# Policy Framework

## Asset Management Framework



The Asset Management Framework comprises activities and processes that are necessary to develop, document, implement and continually improve asset management within the Authority.

Monmouthshire adopts many of those elements but there are still areas where improvements can be made. In addition it is considered that opportunity exists to streamline and better document practices. An outline framework is set out above which will assist in making those improvements.

## Asset Management Policy

Monmouthshire County Councils Asset Management Policy is set out in Appendix A of this document. That Policy demonstrates how Asset Management contributes to the Authorities Strategic Objectives.

## Asset Management Strategy

The Authority has developed an Asset Management Strategy which is aligned with the corporate vision and sets out how asset management contributes towards achieving that vision

## Stakeholders and Communication

Effective communication with stakeholders is considered to be essential element in the delivery of a Highway Maintenance Plan which is based on Asset Management principles.

The Authority currently consults with various community led groups, County, Town and Community Councillors, Statutory Undertakers, National bodies such as National Resources Wales adjacent Authorities and Welsh Government itself but this is done in a relatively ad-hoc manner.

In order to improve its consultation practices it is proposed that the Authority will link with the National Highways & Transport (NHT) Public Opinion Survey. The NHT survey is a collaborative venture by a significant number of Local Highway Authorities which provides an opportunity for residents to comment on the services provided by their Highway Authority.

The survey results are publicly available on the survey website. The repeatability of the surveys will allow the Authority to monitor the impact of service improvements. Results are gathered under the themes of Accessibility, Public Transport, Walking and Cycling, congestion, Road Safety Highways Maintenance and Enforcement.

## Other Authorities

Monmouthshire is bounded by the following Authorities

- Herefordshire
- Gloucestershire
- Powys
- Newport
- Torfaen
- Blaenau Gwent

The responsibility for the management of assets on those boundaries e.g river bridges is recorded but there is no formal documentation in place which sets out the detail of how those maintenance arrangements will be managed.

It is therefore proposed to set out a management agreement which will formalise arrangements in those areas.

Monmouthshire also has agreements in place for aspects of service to be carried out by certain adjacent Authorities e.g. winter maintenance.

Monmouthshire will also give consideration to the needs of adjacent Authorities within the development of its own network hierarchy. For instance routes which are of a relatively minor importance within Monmouthshire County Councils network may be of major significance to its sister Authorities i.e. the A 4136 Staunton Road which is used by Quarries within Gloucestershire to access the Trunk Road network.

## Integrated Network Management

Within its Highway network and maintenance planning Monmouthshire will seek to make improvements to the overall network where those opportunities exist.

Within the planning and programming of maintenance schemes any opportunities that exist to add value to the safety priority integrity or quality of the following areas will be considered.

- Crossing facilities
- Cycle routes
- Public transport facilities
- Signage

## Risk Based Approach

Monmouthshire intends to adopt a risk based approach and a risk management regime for all aspects of its Highway Maintenance activities using the HMEP as a framework

This approach will include

- Operational maintenance activities
- Safety Inspections
- Condition Inspections
- Levels of service
- Repair prioritisation
- Replacement programmes

## Information Management

It is recognised that the management of information plays a vital role in the management of Highway Infrastructure

This information can come from a wide range of sources and it is essential that systems are put in place not only to manage that information but also to enable the information to be used to inform management decisions. Monmouthshire makes extensive use of the information available to it, i.e. records of construction and maintenance treatments, safety inspection and direct reports from customers, but it is clear that opportunities exist to formalise and improve on the processes currently being used.

It therefore intends to review its management and use of that information, linking with corporate initiatives in order to improve its practices in that area.

The Authority has been proactive in providing data protection training to its staff to ensure that they are aware of the need to identify and protect information which could impact on the safety and security of individuals.

## The Well-Being of Future Generations Act

The Well-being of Future Generations Act requires us to improve social, economic, environmental and cultural wellbeing, in accordance with the sustainable development principle. This should ensure that present needs are met without compromising future generations in meeting their own needs.

In planning our services we must consider, but also demonstrate that we have applied the following sustainable governance principles in our decision making:

Balancing short term needs with long term needs.

Using an integrated approach, balancing social, economic and environmental needs.

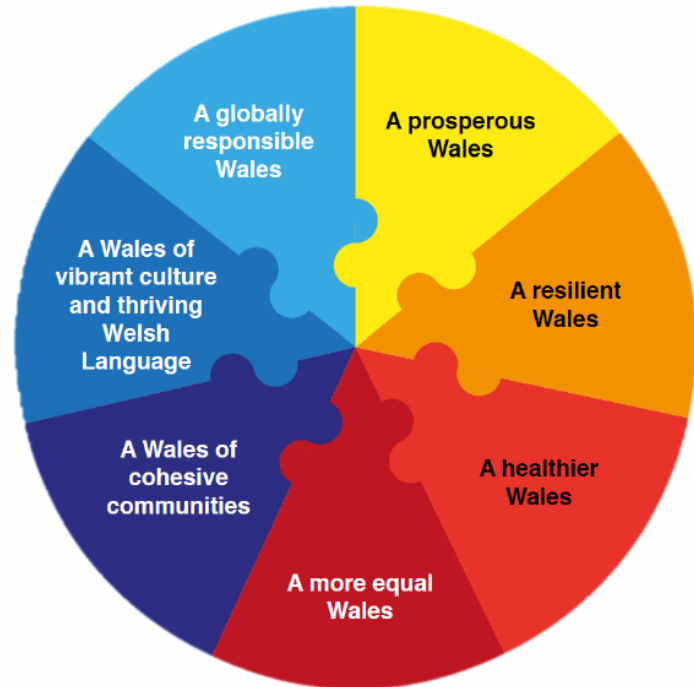
Involving others and taking their views into account.

Working in collaboration with others.

Putting resources into preventing problems



The Act defines seven well-being goals to which public bodies should maximise their contribution by setting and publishing well-being objectives and in taking all reasonable steps to meet those objectives. They are shown in the diagram below.



## Legal Framework

### General and specific requirements

General duties and powers are dealt with in this part of the document. Duties and powers related to specific assets, e.g. highways, structures and lighting, are dealt with in sections B, C, and D of this document.

Much of highway infrastructure maintenance activity is based upon statutory powers and duties contained in legislation and precedents developed over time as a result of claims and legal proceedings. Some important aspects of these statutory powers and duties are noted in this section. The UK Highway Liability Joint Task Group has developed guidance on Highway Risk and Liability Claims.

## General requirements

### Duty of Care

There are many specific duties and powers, but even in the absence of specific duties and powers, authorities have a general duty of care to users and the community to maintain the highway in a condition fit for its purpose.

### Health and Safety

The Health and Safety at Work Act 1974, or equivalent, together with the Construction (Design and Management) Regulations 2015, or equivalent, provide for a requirement for highway, traffic and street authorities to carry out work in a safe manner and establish arrangements for the management of construction works.

All those involved in the planning, management and delivery of highway infrastructure maintenance services receive training and regular updating, as necessary, in health and safety requirements of the service.

### Localism

The Localism Act 2011 predominantly applies to England and to lesser degree Wales. Within Wales the following sections of the Act apply.

- Planning and Enforcement
- Local referendums on levels of Council Tax
- Housing Revenue Account HRA and HRA subsidy

None of those areas apply to Highways.

### Best Value

The Local Government Act 2000, or equivalent, provides for the general duty of best value and aims to improve local services in terms of both cost and quality.

## Duties and Powers for Highway Maintenance

There are a number of specific pieces of legislation that provide the basis for duties and powers relating to highway maintenance.

### Main Highways Provisions

The Highways Act 1980, sets out the main duties and powers of Highway Authorities. In particular it imposes a duty to maintain highways maintainable at public expense under Section 41

The Act provides a defence against action relating to alleged failure to maintain on grounds that the authority has taken such care as in all the circumstances was reasonably required to secure that the part of the highway in question was not dangerous for traffic.

Where an authority exercises a power to install new infrastructure, e.g. lighting, safety barriers, etc, it will become responsible for its maintenance.

## Winter Service

The Highways Act 1980, set out duties for Winter Service.

## Traffic Management

The Traffic Management Act 2004, sets out a number of provisions including local authority duty for network management, permits for work on the highway, and increased control of utility works.

The Act establishes a duty for local traffic authorities 'to manage their road network with a view to achieving, so far as may be reasonably practicable having regard to their other obligations and policies, to secure the expeditious movement of traffic on the authority's road network, and to facilitate the expeditious movement of traffic on road networks for which another authority is the traffic authority'. The term 'traffic' specifically includes pedestrians, so the duty requires the authority to consider all road users.

## Utility Companies

Various companies and agencies have statutory powers and obligations to work in the highway. Their activity in the highway is regulated by the New Roads and Streetworks Act 1991, and by the Traffic Management Act 2004.

## Public Rights Of Way

Responsibilities for Public Rights of Way (PROW), authorities are required to maintain records and ensure that ways are adequately signposted, maintained and free from obstruction.

## Related Powers and Duties

Duties and powers contained in the Highways Act, or equivalent, sit within a much broader legislative framework specifying a wider range of duties and powers. These include:

- New Roads and Street Works Act 1991;
- Road Traffic Regulation Act 1984;

- Traffic Signs Regulations and General Directions 2016;
- Road Traffic Act 1988 – provides a duty for Highway Authorities to promote road safety, including a requirement to undertake accident studies and take such measures as appear appropriate to prevent such accidents occurring;
- Road Traffic Reduction Act 1997;
- Flood and Water Management Act 2012 – aims to reduce the flood risk associated with extreme weather. Provides for better, more comprehensive management of flood risk for people, homes and businesses;
- Transport Act 2000 – designation of quiet lanes or a home zones;
- Active Travel Act (Wales) 2013 – legislates for the provision of routes designed for cycling and walking;
- Wildlife and Countryside Act 1981 – environmental and countryside issues with which highways operations must comply;
- Environmental Protection Act 1990 – provides the statutory basis for other environmental issues, in particular waste management, with which highway maintenance operations must comply
- Clean Neighbourhoods and Environment Act 2005.

There is also a framework of legislation not specifically related to highways functions, but dealing with wider community issues with which the services are involved. These include, or equivalents:

- Equality Act 2010;
- Criminal Justice and Public Order Act 1994;
- Human Rights Act 1998;
- Freedom of Information Act 2000;
- Local Government Acts
- Civil Contingencies Act 2004

## Strategy and Hierarchy

### Highway Infrastructure Asset Management Strategy

Monmouthshire's Highway Infrastructure Asset Management Strategy is based around the UKRLG Highway Infrastructure Asset Management Guidance (HIAMG) Part B

The Asset Management Strategy sets out how the asset management policy is to be achieved, how long term objectives for managing the highway are to be met and how the strategy is to be implemented, including setting targets and measuring performance as well a setting out the benefits of investing in the highway infrastructure.

The core objectives for the maintenance strategy are

## Network Safety

Complying with statutory obligations  
Meeting user's needs for safety

## Customer Service

User experience/satisfaction  
Communication  
Information  
Levels of service

## Network Serviceability

Ensuring availability  
Achieving integrity  
Maintaining reliability  
Resilience  
Managing condition

## Network Sustainability

Minimising cost over time  
Maximising value to the community  
Maximising environmental contribution

The Customer Service objective will apply to the highway service overall, as users may not be able easily to distinguish between maintenance and improvement works. Management of highway infrastructure assets affects Customer Service through a variety of factors within each of Network Safety, Network Serviceability and Network Sustainability.

Each of the Network objectives can be affected to a different extent by several different highway maintenance operations. For example:

- network availability can be affected by weight restricted structures, resilience of improvement and maintenance works, Winter Service, regulatory activity, deficiency of drainage systems and by planning and programming of maintenance schemes;
- network integrity can be assisted by consistent, joined up and effective permanent and temporary signing, by ensuring consistent standards of maintenance on cycle routes between segregated and non-segregated sections, and providing consistent accessibility standards, for example through the use of dropped kerbs on key pedestrian routes, especially those used by disabled people, older people, or those using prams; and
- environmental contributions can be made through verge management plans, maintaining local distinctiveness through use of local materials, reducing sign clutter, use of recycled products, noise-reducing surfacing, energy efficient light sources, and profiled street lighting levels.

Every aspect of maintenance for each element of the highway infrastructure has the potential to contribute to some extent to a number of the above objectives. For example, the contribution to the safety objective is affected by:

- the condition of the asset;
- the resilience of the asset;
- the time for attending to defects recorded in inspections and reported by users;
- the quality of management and service delivery;
- the effectiveness of materials and treatments used; and
- the effective co-ordination of programmes with works affecting the highway by utilities, developers or other local authorities.

## Components of a highway maintenance strategy

The principle components of a highway maintenance strategy are

- A detailed inventory of all elements to be maintained
- A defined hierarchy for all elements of the network
- A clear framework of levels of service

## Network inventory

Highway Authorities have a legal duty to maintain a register of roads that are maintainable at public expense.

There is also a requirement to maintain information for the purpose of

- Identifying streets which are considered to be traffic sensitive, where work should be avoided at certain times of the day.
- Identifying structures and other assets which have special engineering difficulties associated with them and where special consideration needs to be given when work is planned
- Identifying reinstatement categories to be used by Statutory Undertakers in the reinstatement of street works.

Accurate inventory information on road lengths is also required annually by Welsh Government and is also used for valuation purposes in the Annual CIPFA returns.

The Authority has well developed inventories of Highway Assets particularly relating to Highways, Structures and Street Lighting. Work is ongoing in relation to other asset groupings but due to the extensive nature of these asset groups particularly highway drainage assets, assembly of a complete listing is likely to take many years.

## Functional hierarchy

A network hierarchy based on asset function is the foundation of a risk based maintenance strategy.

It is acknowledged that a series of related hierarchies should be defined which includes all elements of the highway network, including carriageways, footways, cycle-routes, structures, lighting and rights of way. The hierarchy will take into account current and expected use, resilience, local economic and social factors such as industry, schools and hospitals.

These hierarchies will be based on the actual use of each infrastructure asset. For example carriageway hierarchies based on A B R and unclassified designations may not now truly reflect the current importance of those routes within the overall network, this underscores the need for these hierarchies to be reviewed regularly.

The hierarchy of structures is inevitably linked to the hierarchy of the route that the structure serves.

There will also be a need to develop hierarchies for resilience and for winter service. These may be based on the hierarchies used for general maintenance purposes but are likely to require modification in order to take into account operational and topographical factors.

## Carriageways

Carriageway Hierarchy has not been determined by road classification, but by functionality and scale of use. Table one below sets out the carriageway hierarchy which has been adopted.

Table 1 – Carriageways

Category	Type of Road General Description	Description
Strategic Route	Trunk and some Principal 'A' class roads between Primary Destinations	Routes for fast moving long distance traffic with little frontage access or pedestrian traffic. Speed limits are usually in excess of 40mph and there are few junctions. Pedestrian crossings are either segregated or controlled and parked vehicles are generally prohibited.
Main Distributor	Main Urban Network and Inter-Primary Links. Short – medium distance traffic	Routes between Strategic Routes and linking urban centres to the strategic network with limited frontage access. In urban areas speed limits are usually 40mph or less, parking is restricted at peak times and there are positive measures for pedestrian safety
Secondary Distributor	B and C class roads and some unclassified urban routes carrying buys, HGV and local traffic with	In residential and other built up areas these roads have 20 or 30 mph speed limits and very high level of pedestrian activity with some crossing facilities including zebra

Category	Type of Road General Description	Description
	frontage access and frequent junctions	crossings. On street parking is generally unrestricted except for safety reasons. In rural areas these roads link the larger villages, bus routes and HGV generators to the Strategic and Main Distributor Network.
Link Road	Roads linking between the Main and Secondary Distributor Network with frontage access and frequent junctions	In urban areas these are residential or industrial interconnecting roads with 20 or 30 mph speed limits, random pedestrian movements and uncontrolled parking. In rural areas these roads link the smaller villages to the distributor roads. They are of varying width and not always capable of carrying two-way traffic.
Local Access Road	Roads serving limited numbers or properties carrying only access traffic	In rural areas these roads serve small settlements and provide access to individual properties and land. They are often only single lane width and unsuitable for HGVs. In urban areas these roads typically form a loop road around an estate with cul-de-sacs and no through road streets branching off them.
Minor Road	Little used roads serving very limited numbers of properties	Locally defined roads In urban areas - these are typically estate roads with no through access.
Green Lane	Little used roads – typically serving no properties	An un-metalled rural Route serving field access

The local hierarchy has been developed with reference to the following factors.

- Character and volume of traffic
- Current and proposed usage
- Routes to important local facilities and the strategic network
- Designation as a traffic sensitive route
- Accident history
- Regular use as a diversion route e.g. flood route
- Special characteristics of certain assets on the route e.g. historic structures
- Vulnerable users or people with special needs e.g. elderly peoples homes
- Ceremonial routes

## Footways

Footway hierarchy will not necessarily be determined by classification, but by functionality and scale of use. The table set out below has been established using Officers direct knowledge of the footway network.

Category	Category Name	Description
1	Primary Walking	Major Town and city centres +30 number shops.
2	Secondary Walking	Small retail shopping outlets +5 shops, large schools and Industrial outlets +500 pupils or



Category	Category Name	Description
		equivalent pedestrian movements.
3	Link Footways	Urban access, busy rural, all other schools.
4	Local Access	Rural footways, non-feeder footways in housing

In a similar manner to carriageways the Local footway hierarchy has been developed with reference to the following factors

- Pedestrian volume
- Designation as a traffic sensitive route
- Current and proposed usage
- Contribution to the quality of public space and street-scene
- Age and distribution of the population, proximity of schools or other establishments attracting higher than normal numbers of pedestrians
- Accident and other risk assessments
- Character and traffic use of adjoining carriageway

It is planned to undertake footfall surveys, particularly on minor routes using electronic counting the result of which will enable more accurate categorisation of the footway routes.

## Cycle Routes

Monmouthshire's Cycle Route hierarchy has been loosely based on the recommendations given in Well Managed Highway Infrastructure where categorisation is based around location which reflects the differing risks associated with shared, partially segregated and fully segregated cycle routes.

Category	Description
A	Cycle lane forming part of the carriageway typically a designated strip adjacent to kerb.
B	Cycle track a highway route for cyclists not contiguous with the public footway or carriageway. Shared cycle/pedestrian paths, either segregated by a white line or other physical segregation or un-segregated

Well managed Highway Infrastructure also recognised the need to establish categories based on use and although routes in Monmouthshire are low usage Monmouthshire has become a venue for cycle road racing.

Further guidance relating to the carriageway hierarchy can be found in **Part 2 Highway**

With this activity in mind close co-operation with event organisers has been fostered in order to ensure that selected routes are adequately prepared prior to these events.

## Bridges and Structures

The hierarchy applied to Bridges and Structures is clearly linked to the Carriageway Hierarchy as these structures form part of those routes forming the Highway network as a whole.

However where those structures fit within the overall Bridges and Structures Hierarchy can be influenced by factors outside of the carriageway hierarchy such as whether the structure has an intrinsic historic significance or is of major strategic significance to a neighbouring Authority where the structure is in shared ownership.

Other factors considered include

- position on the carriageway, footway, cycle route or PROW hierarchy;
- type of asset, e.g. bridge, tunnel, retaining wall, earth structure, etc.
- obstacle crossed, bridge span, retained earth height;
- critical asset, historic structure, permanent weight, height, width or swept path restriction;
- construction material, e.g. concrete or steel bridge, arch, slab or beam/girder bridge, concrete or stone walls, etc;
- other local factors

## Street Lighting

Factors to consider include:

- position on the carriageway, footway, cycle route or PROW hierarchy;
- type of asset, e.g. street light, subway light, illuminated traffic sign or bollard, cable system, etc;
- construction material, e.g. aluminum, concrete or steel lamp columns;
- lamp and control type;
- highway use, casualty and crime statistics during hours of darkness; and other local factors.

## Public Rights of Way

Factors to consider include:

- byways open to all traffic (BOAT);
- long distance trails and designated recreational routes;
- rights of way;
- strategic link path;
- recreational path;

surface type; and  
other access rights.

Some PROW may be metalled and within or on the fringe of urban areas. To recognise users' requirements for consistency, these will be considered for maintenance consistent with a similar footway and be incorporated in the footway hierarchy, irrespective of their designation

## Resilient network and minimum winter network

Monmouthshire intends to define a 'Resilient Network' which will receive priority through maintenance and other measures in order to maintain economic activity and access to key services during disruptive events. Monmouthshire is currently reviewing its network management plan which will identify regular diversion routes, these routes will be identified within the resilient network.

The process for identifying the Resilient Network will consider which routes are absolutely essential and which can be done without for a time. In defining this network it is implicit that these decisions will not simply follow road classification or categorisation. The process will engage key business and interest groups and involve the community. See also Section Network Resilience of this document.

The Resilient Network is likely to include:

- those routes crucial to the economic and social life of the local or wider area;
- take account of repeat events, e.g. flooding; and local factors.

A minimum Winter Service network has already been defined, and is set out in the winter service plan. This will provide a minimum essential service to the public, including links to the strategic network, access to key facilities and local communities, and other transport needs.

Where practicable the Authority will seek to maintain public and school bus routes if only on the basis of a minimum service.

Issues that will be considered when defining resilient and minimum Winter Service networks are:

Identification of all key infrastructure including private asset infrastructure. For example, water treatment works may require chemical deliveries to ensure continuity of water supply but may not be on the primary treated road network.

Prioritisation of carriageways, cycle routes and footways across the Authorities network in a robust manner

Route links to adjacent Authorities networks, will there be continuity across boundaries.

## Critical Infrastructure

Critical infrastructure are those assets where failure would result in significant impact on the local and possibly national economy.

Although the Authority is aware of those assets that fit this category it intends to catalogue those assets and undertake a risk analysis identifying the factors that could impact on their performance. Some of the potential threats to the function of critical infrastructure include climate change, flooding high winds drought and rising sea levels.

Those assets identified as critical assets may well be elevated to a higher category, than similar non critical assets.

## Lifecycle/designing for maintenance

The Authority will take lifecycle costs into consideration when assessing options for maintenance, on new and improved highway schemes.

The future maintenance costs of such new infrastructure will be an important consideration in the design of future schemes.

However where wider regeneration objectives are sought, for example in improving the quality of public space and streetscape high quality materials may provide appropriate, low maintenance and cost effective treatments in terms of their contribution to those objectives.

Unusual maintenance requirements and costs associated with schemes or materials brought forward for approval should be identified so that they can be taken into account at the time. This is particularly important where new highways are being assessed for adoption and may be reflected in commuted sums for any higher than usual future maintenance costs sought from developers. The Association of Directors of Environment, Economy, Planning and Transport (ADEPT) has published guidance that aims to provide advice on the commuted sums mechanism through which developers are required to contribute to future maintenance of areas adopted by local authorities.

## Road/rail incursion

Work has taken place with Network Rail to identify areas where there is the potential for road/rail incursions to take place.

This exercise identified a number of potential sites where works may be required to mitigate the potential risk.

The sites identified were subsequently risk ranked but only one of those sites met the criteria where mitigation works were required.

That structure was to be replaced as part of the Network Rail South Wales electrification project so the new works will address the issues relating to road/rail incursions.

## Abnormal loads

An abnormal load is considered to be a vehicle that is outside the classification of normal permitted traffic by virtue of its gross weight, length, width or axle configuration according to current road vehicles regulations.

Monmouthshire has powers to direct movement of abnormal loads and submission of a notification by a haulier enables the movement to take place legally.

The movement of abnormal loads is managed to ensure that the load effects induced by the abnormal loads do not exceed the load bearing capacity of the structures on the route

Where structural considerations show that the abnormal load may only marginally exceed the capacity of the structure on the route it may be possible to put in place mitigation measures to allow the load to be safely accommodated.

The suitability of an abnormal load to travel along the proposed route should be checked by the haulier in relation to any height restrictions from overbridges and restrictions on manoeuvrability along narrow roads and sharp bends etc.

In certain cases e.g. vehicles wider than the traffic lane, abnormal loads should be escorted to provide appropriate warning to other traffic.

Escorting may be undertaken by the police or by the haulier as allowed for in the code of practice Self Escorting of Abnormal Loads and Abnormal Vehicles

The management of abnormal loads is co-ordinated between the

1. **Abnormal Loads Officer:** the person responsible for receiving notifications of movements from Hauliers, ensuring that such notifications are assessed and that the Haulier is advised if there is any reason why a proposed movement should not take place.
2. **Structures Advisor:** The Engineer who will assess or arrange an assessment of the impact of the abnormal load on the network
3. **The Traffic Manager:** who is responsible for co-ordination of all traffic management on the highway

In order to efficiently manage the movement of abnormal loads across its network the Abnormal Loads Officer uses the Electronic Service Delivery for Abnormal Loads (ESDAL) software package.

### Future maintenance considerations

It is clear that the manner in which highway works are designed, specified or undertaken can have a significant impact on the long term performance of the network with regard to serviceability and whole life costing. Where highway works are to be designed and implemented the following factors shall be given due consideration.

Issue	Check	Action
<b>Scope and Scale</b>		
Intended life of Scheme	Is the scheme long life or temporary and likely to be affected by future development	Choose materials and products relevant to the life of the scheme
Nature of Scheme	Is the scheme a unique prestige project or a routine standard one	Choose materials and products relevant to the type of the scheme
Scope of Scheme	Has the scheme been value managed to consider all possible marginal benefits	All significant schemes to be value managed
Use of Scheme	Is the scheme likely to be subjected to particularly heavy duty traffic use with high rates of wear	Select design and materials to mitigate these affects as far as possible
Cost of Scheme	Have the costs of future maintenance been calculated and included in future budgets	Identify any extraordinary maintenance costs and report these alongside construction costs
<b>Design Aspects</b>		
Pedestrians and cyclists	Do footways and cycle routes fit desire lines	Design to reflect desire lines
Heavy Goods Vehicles	Is footway paving likely to be overridden by HGV or other parked vehicles	Design to resist applied loads of design out overruns or parking.
Grassed and planted areas	Are grassed and planted areas of a size and position to be effectively maintained	Redesign or remove as necessary
Trees	Have trees been selected and positioned to avoid future problems with	Reselect or reposition as required

	roots obstruction of leaf/fruit fall	
Traffic Signs	Are traffic signs required to be illuminated or can they be reflectorized	Maximise use of reflective signs to reduce energy cost

<b>Maintenance Operations</b>		
Maintenance Regime	Does the scheme require a specialist maintenance regime	Identify costs of specialist regime and where appropriate consider cheaper alternatives
Cleansing	Does the scheme require a specialist cleansing regime	Identify costs of specialist regime and where appropriate consider cheaper alternatives
Traffic Management	Will maintenance require specialist traffic management	Identify traffic management costs and minimise wherever possible possibly through co-ordination with other works
Maintenance Access	Is there a safe and convenient access for plant and personnel	Redesign scheme to ensure that access is both safe and convenient
<b>Materials and Products</b>		
Specialist Materials	Are the materials used of standard or specialist in nature	If specialist materials are to be used ensure availability for future maintenance
Durability of Materials	Does the durability of the materials provide substandard sufficient or excessive life.	Select materials relevant to the intended life and nature of the scheme.
Failure mechanism	How will the material/product approach the failure condition slowly/quickly	Programme safety and service inspections on basis of risk assessment.
Life extension	Are there any processes which could be used to extend useful service life at economic cost.	Investigate cost benefit of using life extension products.
Replacement practicability	Are there likely to be any difficulties in replacing failed sections	Undertake risk assessment and plan for likely difficulties
Replacement cost	Is the cost of replacement likely to be disproportionately high	Consider alternative materials or products
<ul style="list-style-type: none"> <li>• <b>Reuse and Recycling</b></li> </ul>		

Practicability of reuse	If the scheme is a short life scheme what is the scope of reusing materials and products	Choose reusable materials and products wherever possible.
Practicability of recycling	What is the scope for recycling materials and products	Where reusable materials and products are not appropriate use recyclable wherever possible.

## Risk Based Approach

### Principles and considerations

Within Monmouthshire risk will be managed in line with the recommendations of UKRLG Highway Infrastructure Asset Management Guidance (HIAMG) Part C

Management of highway infrastructure maintenance, including setting policy, strategy and levels of service, establishment of inspection and condition assessment regimes, determining priorities and programme, procuring the service and the management of all associated data and information should all be undertaken against a clear and comprehensive understanding and assessment of the risks and consequences involved.

In line with the Code of Practice Well-managed Highway Infrastructure Monmouthshire County Council will adopt a risk based approach in accordance with local needs (including safety) priorities and affordability.

### Development of a risk based approach

Monmouthshire intends to develop a risk based approach to the maintenance of its highway infrastructure. The analysis of the risks will be documented and a Risk Action Plan prepared which will consolidate the risk register evaluation, mitigation to be undertaken, resources timeframes and responsibilities.

The Risk Action Plan will be reviewed on a bi annual basis with the review being documented.

### Risk Management Approach



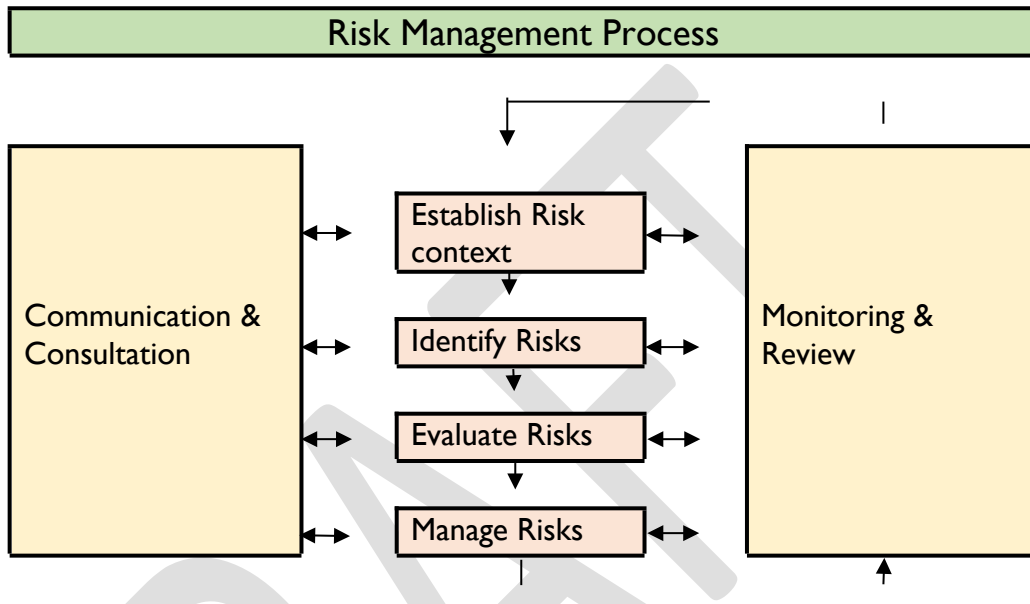


Figure 2

Risk Management Process
The figure shows that two parts of the process, Communications & Consultation and Monitoring & Review, persist throughout the risk management process and can impact on all stages.
These could be internal discussions that lead to a new risk being identified, or customer engagement reporting issues on the network which may require a review of inspection frequency.
The risk management process will have regular reviews but should also be agile enough to respond as a part of day-to-day management, embedding the risk-based approach in an authority's operations.
The explanations below of the various elements of the process give generic examples of actors, actions, activities and roles which could be involved at each part of the process.
At each stage in the process actions may be required to ensure that risks remain at tolerable levels, or are exploited to an organisation's advantage.
This will only occur where clear responsibility and accountability is defined and understood, and acted upon for each and every individual risk.

### Establish Risk Context

The authority's corporate risk management approach, appetite and framework/process will all need to be clearly understood.
Risk will be managed at many different levels within each Highway Authority, but when implementing a truly risk-based approach the wider risk context must form the start of the process.
Risk management should support the delivery of organisational objectives and as a result, the risk management approach and risk appetite will be owned by the executive and senior management – this will set the context within which risk-based highway management can be developed.
The wider context may include the influence of partners, suppliers, customer groups, Local Enterprise Partnerships, Local Resilience Forums, Government Departments and other issues such as economic circumstances, climate change or political aspirations.
Whilst part of the context, these issues should always be viewed through the filter of the organisation's risk management approach.
The authority's designated corporate risk manager will be a key point of contact, as will departmental and team risk management leads
Government departments, stakeholders, partners and customers may all form part of the groups relevant to the risk context, whilst not setting it directly.
The monitoring and review; and communication and consultation aspects of the process can be used to manage these interactions.

### Risk Assessment

Risk assessment comprises three stages, these may be recorded on a risk register as a tool to provide a statement of risk management at any particular time, but each aspect is a separate consideration.

### Competencies and training

All staff engaged in asset management activities within Monmouthshire possess the appropriate competencies. However where staff new staff join or existing staff are deployed into this area an audit of their skill sets will be undertaken any training required provided.

Consultants will also be required to provide evidence of the appropriate competencies of their staff.

### Inspections and surveys

Monmouthshire recognises that the establishment of an effective regime of inspection, survey and recording is an important component of highway infrastructure maintenance. The types and frequency of inspection, items to be recorded and nature of response, are defined in line with the relative risks associated with potential circumstances of location,.

The inspection, survey and recording regime provides the basic information for addressing the core objectives of highway maintenance namely:

network safety;  
network serviceability; and  
network sustainability.

It also provide the basic condition data for the development of maintenance programmes.

All elements of the inspection and survey regime are applied systematically and consistently, which is particularly important in the case of network safety, where information may be crucial in respect of legal proceedings.

## Categories of inspection and survey

The Authority undertakes the following inspections:

- Safety inspections which are designed to identify all defects likely to create danger or serious inconvenience to users of the network or the wider community.
- Bridge inspections comprise detailed inspections tailored to the requirements of particular highway assets and elements to ensure that they meet requirements for serviceability.
- NRSWA inspections, intended to maintain network availability and reliability.
- Footway condition surveys
- Annual SCANNER surveys to determine the condition of routes and to supply reporting data to Welsh Government.
- Assessment of structures is to determine the ability or capacity of the structure to carry the loads which are imposed upon it, and those which may reasonably be expected to be imposed upon it in the foreseeable future.
- Annual Scrim Surveys to determine the skidding resistance of surfaces
- Ad hoc surveys in response to specific events for example, where flooding has been identified as a risk in a specific area.

## Management systems, recording and monitoring of information

Monmouthshire's Asset Register is constantly under review, some asset groups are well defined e.g. street lighting, structures etc. Others are less well documented and in the case of drainage assets are likely to take many years before a complete register is in place.

The register takes the form of a number asset management systems which together form the complete register.

The Authorities Mayrise system also provides for recording service requests, complaints, reports or information from users and other third parties.

All inspections are recorded with relevant data such as : time, weather conditions, and the person conducting the inspection.

The efficiency, accuracy and quality of information and records maintained by authorities is crucial both to the effective management of the service and to the defence of claims against the authority for alleged failure to maintain.

### Safety inspections

Safety inspections are designed to identify all defects likely to create danger or serious inconvenience to users of the network or the wider community. Defects identified will include those that are considered to require urgent attention as well as those where the locations and sizes are such that longer periods of response would be acceptable.

Monmouthshire has determined frequencies of inspection through a risk-based approach that reflects the characteristics of the particular asset or asset group, e.g. carriageway, footway, structures, lighting, etc, and their position in the hierarchy.

The safety inspection regime forms a key aspect of an authority's approach to managing liabilities and risks. The parameters which are considered for a safety inspection regime are:

- frequency of inspection;
- items for inspection;
- type of traffic and intensity;
- method of inspection; and
- nature of response.

Frequencies for safety inspections of individual network sections or individual assets should be based upon consideration of:

- category within the network hierarchy;
- type of asset, e.g. carriageway, footway, embankment, cutting, structure, electrical apparatus, etc;
- critical assets;

- consequence of failure,
- network resilience;
- incident and inspection history;

Where asset condition has deteriorated significantly, consideration for increasing the inspection frequencies for those assets.

## Defect recording and repair

All defects observed during safety inspections that provide a risk to users are recorded and the level of response determined on the basis of risk assessment.

The methodology behind the assessment of risk is set out in its safety inspection guidance.

Defects which are considered to require urgent attention are corrected or made safe at the time of the inspection, if reasonably practicable.

Defects that do not represent an immediate or imminent hazard or risk of short term structural deterioration will be undertaken as part of a planned programme of works with their priority determined by risk assessment.

## Reporting by the public

Feedback from members of the public is an important source of data on the condition of all aspects of the highway network. Monmouthshire has been particularly proactive in this regard introducing the 'Appy Ap' for smartphones which enable users to more readily connect with the Authority.

This source of data can be used to complement dedicated inspection and survey techniques outlined above, however further work is needed to ensure that processes and systems in place are robust to ensure:

- an efficient system for logging and managing such reports should be used;
- appropriate quality assurance measures are in place to check reports by the public and maintain auditability of data; and
- suitable communication is provided to contributors to both acknowledge receipt of any submitted information, and also feedback on how it has been used (for example, any resulting maintenance activity).

Further guidance relating to the Safety Inspections can be found in **Part 2 Highways**

## Works programme

Within Monmouthshire works programming will follow the guidance given in the UKRLG Highway Infrastructure Asset Management Guidance, Part B section 10

## Network Resilience

### Overview

Monmouthshire's road network is an important part of the County's infrastructure enabling the successful operation of many social and economic activities

Resilience is defined as the 'ability of the community, services, area or infrastructure to detect, prevent and, if necessary to withstand, handle and recover from disruptive challenges.

There are four components to resilience

- Resistance- preventing damage (e.g. flood wall)
- Reliability- operations under a range of conditions ( e.g. earthworks stabilisation)
- Redundancy- availability of backups or spare capacity (e.g. a suitable diversion route)
- Recovery- enabling a fast response and recovery (e.g. temporary bridges)

### Resilient network

It is recognised that it is not practicable to either assess or build resilience across all elements of the highway network.

It is therefore planned to define a 'resilient network' which will be developed based on the following considerations

- Connectivity between major communities
- Links to the strategic highway network
- Connectivity across Authority boundaries where appropriate
- Links to transport interchanges

- Access to emergency facilities including fire and rescue, Police, Ambulance Services and hospitals
- Links to critical infrastructure (water treatment works)
- Principal public transport routes, access to rail and bus stations.
- Other locally important sites

In defining this 'resilient network' the following factors will be considered

- The risk of specific asset failure which would lead to closure or restriction on the operation of the resilient network.
- The likelihood of such failure due to the assets physical attributes and its location (e.g. design capability / capacity. Condition, geology, catchment characteristics).
- The socio economic consequences of failure
- The potential for community severance.
- The suitability and length of any diversion route.
- Potential for damage to statutory utility plant.
- Magnitude of repair costs
- Route usage including traffic types and volumes.
- Repair timescales

## Climate change and adaptation

The key climate changes for the UK as set out in the UK climate projections 09 are

All areas of the UK get warmer and the warming is greater in the summer than in winter

Annual precipitation remains unchanged but more of it will fall in the winter with drier summers for much of the UK

Sea levels rise

Monmouthshire will take into account how the various climate change variables such as intense or prolonged rainfall, hotter temperatures, and higher wind speed will impact on the highway assets being managed and the likelihood of the events occurring. The greatest generic risks to closure or restriction are likely to be

Flooding (pluvial, fluvial, groundwater or coastal)

Landslips

Bridge scour

Widespread tree fall

Carriageway heat damage

Falling power or communications lines

The locations of where these events are likely to occur on the resilient network will be identified. Likely sources of information to conduct this exercise will be historic records of flooding and landslips, flood risk management plans and records of past incidents of weather related damage.

Analysis of the data will show where some risks can be mitigated either through capital investment increased maintenance levels or improved routine inspection.

All identified mitigation actions will be prioritised on the basis of the greatest return on the investment in terms of reduced risk.

## Planning for responding to network disruption

Monmouthshire Emergency Management Plan was updated in 2017, the aim of this plan is to set out the Council's approach to the management of emergencies and to provide information to guide and support the Council's Emergency Response Teams.

The Emergency Management Plan is one of a set of integrated plans used by the Council to ensure that staff, managers and officers from the emergency services and other organisations meet their responsibilities within a co-ordinated overall response.

As part of these integrated plans Monmouthshire has produced a plan detailing its Adverse Weather Arrangements (2017) and for the purposes of this plan a severe weather event in the Monmouthshire area will include storms and gales, low temperatures and heavy snow, heat wave, drought and flooding.

This plan also links with the following plans

- Gwent LRF Severe Weather Arrangements
- Gwent LRF Gwent Flood Arrangements
- Gwent Major Incident Response Arrangements
- Monmouthshire County Council Emergency Management Plan
- Monmouthshire County Council Directorate Emergency Plans
- Monmouthshire County Council Emergency Contacts Directory



Monmouthshire recently experienced very severe and prolonged periods of rainfall. These weather events tested the Authorities drainage infrastructure resulting in flooding of highways and in some cases properties. As part of its flood management role the Authority prioritised and reviewed those events and put in place remedial works and improved monitoring arrangements. In some areas real time CCTV monitoring was deployed which has enabled the Authority to review those sites and take any necessary action in advance of forecasted severe weather.

The Authority works closely with other agencies such as National Resources Wales in order to co-ordinate its response and is considering how catchment management measures could be deployed in concert with the NRW, who are also responsible for extensive forestry holdings, and other landowners to better manage run-off from those areas and the consequent effects on the downstream highway infrastructure.

The Authority also has powers available to it through the Land Drainage Act 1991 and the 1994 amendment in relation to the functions of internal drainage boards and local authorities and the Flood and Water Management Act 2010 to ensure that owners of private drainage assets adequately maintain those assets.

The Authority contributes to dealing with flood events as follows:

- signing and maintaining diversions;
- inspection, clearance and maintenance of drainage systems, including outfalls.
- encouraging property owners to protect their own property;
- provision and installation of sandbags and other protection in certain cases;
- general support to emergency services; and
- liaising with energy and communications suppliers.

The risk posed to the network during periods of high winds are more difficult to establish, however the Authority as part of its safety inspection arrangements and in co-ordination with arboricultural advice identifies any trees that due to their condition may present a risk of obstruction to the network during such events. Appropriate action is taken following the identification of such risk.

Monmouthshire contributes to dealing with the consequences of high winds as follows:

- signing and maintaining temporary closures and diversions;
- clearance of fallen and potentially dangerous trees;
- clearance and removal of debris;
- assistance with temporary support and repair of buildings;
- general support to emergency services; and
- liaison with energy and communication suppliers.

## Collaboration

Monmouthshire adopts an integrated approach to the management of severe weather and civil emergencies

It works with the community, partner organisations and all parts of the Highway Authority at planning, response and recovery stages, including across boundaries, this approach has been shown to enhance resilience and help to mitigate the impact of threats to network operation. Examples of this approach are agreement of diversion routes, and provision of mutual aid between authorities. Lines of communication with other asset owners situated across, over or under the highway are also in place.

Monmouthshire is a member of the Gwent Local Resilience Forum (GLRF), and as a category 1 responder plays a key role in the establishment of risk management planning. The GLRF is responsible for the production of the community risk register and associated risk management plans. The GLRF is made up of the following bodies

### GLRF Membership (Cat 1)

#### Emergency Services

- Heddlu Gwent Police (GLRF Co-ordinator)
- South Wales Fire & Rescue Service
- Wales Ambulance Service (NHS) Trust
- British Transport Police
- Maritime & Coastguard Agency

#### Local Authorities

- Blaenau Gwent County Borough Council
- Caerphilly County Borough Council
- Monmouthshire County Borough Council
- Newport City Council
- Torfaen County Borough Council

#### Health Sector

- Aneurin Bevan University Health Board
- Public Health Wales

#### Government Agencies

- Natural Resources Wales (NRW)

#### GLRF Membership (Cat 2)

##### Utilities

- British Waterways
- British Gas
- Dwr Cymru Welsh Water
- National Grid
- SWALEC
- Scottish Power Energy Systems
- Wales & West Utilities

##### Transport

- Network Rail
- Arriva Trains Wales
- First Great Western

##### Telecoms

- British Telecommunications (BT)
- O2
- T Mobile
- Orange
- Vodafone

##### Others

- Army
- Navy
- Royal Air Force
- Volunteer Groups

#### Government Agencies

- Welsh Government (WG)

Further details of the GLRF and its activities are set out in the following documents

- GLRF Constitution and business plan 2016/18
- GLRF Gwent Major incidents response arrangements 2016
- GLRF Severe Weather Arrangements 2017

Trees from neighbouring land blown over in high winds are a frequent cause of blocked roads and associated disruption. Trees adjacent to the highway form part of the regular round of safety inspections and any trees that are identified as posing a potential problem are referred to the Authorities Hedge Officer for onward referral and action by the Neighbouring property owner.

Similarly, poorly maintained neighbouring drains or surface water run-off from adjacent fields are a common cause of road flooding. Contact is made with the owners where the network is vulnerable to disruption emanating from their property to advise them of their responsibilities and liability.

## Communications

The Authority has produced the Corporate Communications Severe Weather Protocol document which sets out its approach to how communications are to be managed in advance of and during such events.

The protocol requires each front line service to have designated an officer to act as a communications lead for that service.

Within the Highways Department this role is undertaken by Paul Keeble, Group Engineer, Highways Flood Management.

The Highway Service is responsible for updating its own web page which is dated and time stamped to ensure that viewers are confident about the currency of the information and information regarding gritting routes are posted on the severe weather dashboard.

In addition Service updates are posted on social media twitter and Facebook

The Authority receives forecasts of extreme weather from the Meteorological Office, National Resources Wales and also monitors weather conditions locally through the Vaisala weather monitoring stations.

These forecasts help to ensure that the Authority is prepared for potential disruption.

Details of severe weather events on elements of the network are published on the Authorities website so that road users are aware of potential impacts

Although the Authority currently disseminates this information available to it, it is clear that with an ever changing communications landscape that opportunity exists to review current practices and improve them.

The review would see the development of a communications plan which would set out how information including weather and flood forecasting

would be received into the Authority and how that information is passed to highway users through a range of media.

### Learning from events

The Authority will review its response to severe weather following actual events in order to continually improve its response planning to these events.

## Performance Management

### Performance management

The Authority intends to collect the performance management data as defined by APSE. The collection of this 'common' data will assist in improving its services via benchmarking with other Local Authorities throughout England and Wales.

This framework will support the Asset Management Strategy, and will set out performance measures and targets to enable monitoring of the strategy and of performance.

## Financial Management Priorities and Programming

Financial plans should be linked to asset management strategy and prepared both for short term activities, such as routine maintenance, and for medium and long term activities, such as preventative maintenance and asset replacement.

### Budgeting principles

Budgeting principles should provide the necessary level of flexibility to deliver value for money. They should be set out based on the following considerations and principles:

- the differing life expectancies of various treatments and the future implications of these for the balance of capital and revenue funding;
- the seasonal and weather sensitive nature of many treatments and the service as a whole;
- the uncertainties in prediction of out-turn costs for Winter Service and the need for financial year-end flexibility;
- the need for resilience against the increasing trend in weather related incidents; and the need to make provision for emergencies.

## Priorities and programming

Monmouthshire actively shares information and coordinates its short and long term programmes of work with adjacent Authorities and Statutory Undertakers. This co-ordination is administered through the Network Manager whose role it is to minimise the impacts of those bodies operations on the network and each other.

The Authority develops a four year rolling programme of works both for its carriageway, footway and bridge maintenance programmes.

This programme is reviewed annually so that current asset conditions are used to best reflect immediate need and to give a more accurate representation of future requirements.

## Sustainability

### Sustainability and highway maintenance

Highway maintenance has a significant role to play in achieving sustainable development.

The Authority is to develop a policy for developing sustainability within highway maintenance in collaboration with the Authorities Sustainability Officer. This policy will link the strategic objectives of the Authority with the materials practices and processes used in the maintenance of the highway network.

### Materials products and treatments

In specifying materials or treatments for highway maintenance Monmouthshire will consider the suitability of those materials and treatments in terms of their durability, appropriateness within the built environment, sustainability and the requirements of industry specifications.

Highway maintenance works will seek to utilise materials and treatments which are in keeping with their setting and in particular the contribution that those works can make within conservation areas.

A palette of materials has been agreed for use in the Monmouth Conservation Area with Monmouthshire's Planning Department and this approach is to be applied to the remaining main urban centres.

## Environmental management

In pursuing the objective of network sustainability Monmouthshire County Council will seek to maximise the environmental contribution made by highway maintenance.

The Authority will seek to manage in an environmentally sensitive way the following areas

- carbon costs and energy reduction
- noise;
- materials utilisation;
- waste management and recycling
- air quality and pollution control;
- nature conservation and biodiversity; and
- environmental intrusion.

## Materials utilisation

Wherever practicable and cost effective Monmouthshire will seek to utilise

Local materials in order to reduce transport costs, support the local economy, and to maintain local character. This approach is of particular importance for visible materials in conservation areas.

Products made from recycled materials

It is recognised that sustainable purchasing may have cost implications and these costs will need to be carefully considered against the environmental benefits.

## Waste management and recycling

Within its highway maintenance activities Monmouthshire will seek to

Retain and re-use materials on site to avoid the environmental implications of transport and disposal.

Maximise the 'value' of re-used materials rather than use for low grade purposes wherever possible.

Make use of recycle in place processes in appropriate situations

Ensure that the quantity of material that cannot be re-used or recycled is minimised and disposed of appropriately

## Air quality and pollution control

Monmouthshire recognises that its operations have the potential to cause noise, air or water pollution. It addresses these risks through its suite of risk assessments and method statements.

Where necessary the authority seeks advice from National Resources Wales NRW and its own Environmental Health Department.

Where its operations cause environmental unavoidable inconvenience to the community, it seeks to mitigate this wherever practicable, for example by phasing and scheduling of works to avoid sensitive periods.

## Nature conservation and biodiversity

Monmouthshire is widely recognised as having a rich range of species and habitats and the contribution that highway verges makes to biodiversity should not be underestimated.

In the management of highway verges consideration will be given to

- Balancing the need to preserve the natural habitat with the need to maintain road safety

- Any special requirements relating to Sites of Special Scientific Interest (SSSI)

- The timing of cutting operations on all verges to take account of the flowering and seeding of wild flower plant species.

- Identifying areas of verge that need not be cut in order to benefit wildlife

- Management of trees in the urban areas to take into account landscape and environmental considerations

Monmouthshires Countryside team has produced a biodiversity action plan which seeks specifically to mitigate the effects of works on the Public Rights



of Way Network nonetheless provides valuable information which can be utilised in a wider highway maintenance context.

## Plants and injurious weeds

Where injurious weeds are present on the highway the Authority will take action to inhibit the growth or spread of those weeds.

The Authority will also seek to work with adjacent landowners to ensure that weed control measures are undertaken simultaneously to avoid recontamination across boundaries

There are five prescribed weeds these are

- Ragwort
- Broad leaved dock
- Curled dock
- Creeping thistle
- Spear thistle

## Environmental intrusion

Monmouthshire will actively seek to reduce signage clutter and to remove redundant signs when planning highway infrastructure maintenance activities.

## Factors to consider for sustainability

The Authority is committed to promoting sustainability within its highway maintenance activities. It will develop this approach using the following tables as a framework.

Issue	Check	Action
<b>Scope and Scale</b>		
Intended life of scheme	Is the scheme long life or 'temporary' and likely to be affected by future redevelopment?	Choose materials and products relevant to the life of scheme.
Nature of scheme	Is the scheme a 'unique' prestige project or a 'routine' standard one?	Choose materials and products relevant to the type of scheme.
Scope of scheme	Has the scheme been 'value-managed' to consider all possible marginal benefits?	All 'significant' schemes should be value managed.
Use of scheme	Is the scheme likely to be subjected to particularly 'heavy duty' traffic use with high rates of wear?	Select design and materials to mitigate these affects so far as possible.

Cost of scheme	Have the costs of future maintenance been calculated and included in future budgets?	Identify any extraordinary maintenance costs and report these alongside construction costs.
<b>Design Aspects</b>		
Pedestrians and cyclists	Do footways and cycle routes fit the actual paths used?	Redesign to reflect actual paths to avoid erosion and later replacement.
Heavy goods vehicles	Is footway paving likely to be over-ridden by HGV or other parked vehicles?	Where necessary use heavy duty paving or prevent over-riding to avoid frequent costly replacement.
Grassed and planted areas	Are grassed and planted areas of a size and position to be effectively maintained?	Redesign or remove where necessary to avoid future poor appearance and later resign.
Trees	Have trees been selected and positioned to avoid future problems with roots, obstruction or leaf fall?	Reselect or reposition where necessary to avoid potentially expensive future problems.
Traffic signs	Are traffic signs required to be illuminated or can they be reflectorised?	Maximise use of reflective signs to reduce energy costs.

<b>Maintenance operations</b>		
Maintenance regime	Does the scheme require specialist maintenance regime?	Identify cost of specialist regime and, where appropriate, consider cheaper alternatives.
Cleansing	Does the scheme require specialist cleansing regime?	Identify cost of specialist regime and, where appropriate, consider cheaper alternatives.
Traffic management	Will maintenance require special traffic management?	Identify traffic management costs and minimise wherever possible, possible through co-ordination with other works.
Maintenance access	Is there safe and convenient access for plant and personnel?	Redesign scheme to provide safe and convenient access.
<b>Materials and products</b>		
Specialist materials	Are the materials used for the scheme of standard or specialist nature?	If specialist materials used ensure availability of future replacements.
Durability of materials	Does the durability of the materials provide substandard, oblique, sufficient or excessive life?	Select materials relevant to the intended life and nature of the scheme.
Failure mechanism	How will material/product approach the failure condition – slowly/quickly?	Programme safety and service inspections on basis of risk assessment.
Life extension	Are there any processes which could be used to extend useful service life at economic cost?	Investigate cost benefit of using life extension products.
Replacement practicability	Are there likely to be any difficulties in replacing failed sections?	Undertake risk assessment and plan for the likely difficulties.
Replacement cost	Is the cost of replacement likely to be disproportionately high?	Consider alternative materials or products.
<b>Reuse and Recycling</b>		

Practicability of reuse	If the schemes is a short life scheme what is the scope reusing materials and products?	Choose re-useable materials and products wherever possible.
Practicability of recycling	What is the scope for recycling materials and products?	Where re-useable materials and products are not appropriate, use recyclable wherever possible.

## Procurement

The procurement delivery model adopted within Monmouthshire as defined in the Highway Maintenance Efficiency Programme (HMEP) Procurement Route Choices is an In-House + Top up model. In essence the Authority directly provides a large proportion of the necessary highway services itself with the resources being 'topped up' through competitive tendering of both works contracts and consultancy support.

For works procurement use is made of the South East Wales Framework where direct awards using a schedule of rates or awards through mini competition are made.

## Part B Highways

### Part B Highways

#### Introduction

##### Introduction

The following asset types are covered in part B of this document

- carriageways
- footways
- public rights of way
- cycle routes
- highway drainage systems
- embankments and cuttings
- landscaped areas and trees
- fences and barriers
- traffic signs and bollards
- road markings and studs

## Legal Framework Highways

### Highway specific legal considerations

The Highways Act 1980 sets out the main duties of Highway Authorities in England and Wales. In particular, Section 41 imposes a duty to maintain highways maintainable at public expense.

Section 58 provides for a defence against action relating to alleged failure to maintain on grounds that the authority has taken such care as in all the circumstances was reasonably required to secure that the part of the highway in question was not dangerous for traffic

### Winter service

The statutory basis for Winter Service in England and Wales is addressed through Section 41 (1A) of the Highways Act on the 31st October 2003, by Section 111 of the Railways and Safety Transport Act 2003. The first part of Section 41(1) reads:

- a) 'The authority who are for the time being the Highway Authority for a highway maintainable at the public expense are under a duty, subject to subsections (2) and (4) below, to maintain the highway.
- b) (1) In particular, a Highway Authority are under a duty to ensure, so far as is reasonably practicable, that safe passage along a highway is not endangered by snow or ice'.

Section 150 of the Highways Act 1980 also imposes a duty upon authorities to remove any obstruction of the highway resulting from

*'accumulation of snow or from the falling down of banks on the side of the highway, or from any other cause'.*

In addition, the Traffic Management Act 2004 placed a network management duty on all local traffic authorities to do all that is reasonably practicable to manage the network effectively to keep traffic moving. In meeting the duty, authorities should establish contingency plans for dealing promptly and effectively with unplanned events, such as unforeseen weather conditions, as far as is reasonably practicable.

Given the scale of financial and other resources involved in delivering the Winter Service, it is not considered reasonable either to:

provide the service on all parts of the Network.

ensure carriageways, footways and cycle routes are kept free of ice or snow at all times, even on the treated parts of the network.

## Asset Management Information Highways

### Principles and considerations

A highway asset management system is essential to deliver an effective and efficient approach to asset management. This should have the capacity to cover all of the asset types outlined in the introduction to part B highways.

Monmouthshire has a variety of systems in place to meet its particular needs and responsibilities. It also has arrangements with third party providers in respect of traffic and accident analysis.

The Authorities management systems for highway asset management and those for structures and lighting support a holistic approach to managing the network.

UKPMS is the national standard for pavement management systems, where the usage of the word 'pavement' refers to the technical definition of 'the collective term for all hardened surfaces within the highway, including carriageways, footways and cycle routes'.

The Authorities Pavement System WDM is accredited to the UKPMS standard and meets the current national standards with respect to:

- Loading network, inventory and condition data, including data collected by:

Visual surveys coarse visual inspections CVI ;  
SCANNER Surveys ;  
Footway Network Surveys (FNS);  
SCRIM;  
Deflectograph.

- Data processing
- Condition reporting, including national reports for Wales and local reports for unclassified roads and footways
- Financial reporting to support asset management, including  
Inventory reports;  
Accumulated and annual depreciation of carriageways; and  
Supporting information for footways, cycle-tracks and paved verges.

## Asset Condition and Investigatory Levels Highways

### Principles and Considerations

Each element of the network could have different condition requirements, a minimum one to satisfy the need for safety, and higher ones, designed to meet local requirements for serviceability or sustainability, as part of the asset management strategy adopted by the authority.

The following paragraphs set out the suggestions for the nature of contributions made by each element of the network towards safety, serviceability and sustainability.

### Condition of carriageways

The condition of the carriageway fabric can contribute to the core objectives as follows:

#### Network Safety

Nature, extent and location of surface defects;  
Nature and extent of edge defects; and  
Nature and extent of surface skidding resistance.

#### Network serviceability

Nature and extent of surface defects;  
Ride quality of the surface; and  
Resilience of the network.

#### Network sustainability

Surface noise attenuation characteristics;  
Nature and extent of surface defects;  
Nature and extent of carriageway deflection; and  
Usage and verge creep

Condition standards and targets for the A B R and unclassified routes are not formally set within Monmouthshire. Works are determined on a needs based appraisal which considers funding, public priority, just in time interventions, maintenance inputs, condition data, safety inspections and engineering judgement.

Investigatory levels for surface and skidding resistance are set out in the Authorities Skid Resistance Policy.

#### Condition of footways

The condition of footways can contribute to the core objectives as follows:

##### Network Safety

Nature, extent and location of surface defects;  
Nature and extent of kerb and edging defects; and

##### Network serviceability

Nature and extent of surface defects;  
Extent of encroachment and weed growth  
The level of friction provided by the surface;  
The quality of the surface  
Integrity of the network

##### Network sustainability

Convenience and ease of use;  
Nature extent and location of surface defects;  
Extent of damage by over-running and parking; and  
Rural footways being lost to grass ingress



Condition standards and targets for footways are not formally set within Monmouthshire. Works are determined on a needs based appraisal which considers funding, public priority, just in time interventions, maintenance inputs, condition data, safety inspections and engineering judgement.

When Monmouthshire undertakes works on footways it will seek to maximise the positive impact of those works by ensuring that any opportunities to aid social inclusion, particularly improving accessibility for older and people with disabilities and also the use of prams and pushchairs are taken up.

Proposed treatments may include the provision of dropped kerbs in suitable locations and textured paving adjacent to crossing points which can be provided at marginal cost during the course of works.

In some locations the presence of roadside trees may compromise the surface regularity of the footway. In these situations a reduced level of surface regularity may be deemed acceptable in order to preserve the trees which can add much to the street scene

## Condition of cycle routes

The condition of cycle routes can contribute to the core objectives as follows:

### Network Safety

Nature, extent and location of surface defects; and  
Nature and extent of kerb and edging defects.

### Network Serviceability

Nature and extent of surface defects;  
Extent of encroachment and weed growth;  
The level of friction provided by the surface particularly with regard to ironwork;  
The quality of the surface; and  
Integrity of the network.

### Network Sustainability

Convenience and integrity of the network;  
Nature extent and location of surface defects;  
Extent of damage by over-running and parking; and  
Cycle routes being lost to grass ingress / verge creep due to usage.

Condition standards and targets for cycleways are not formally set within Monmouthshire. Works are determined on a needs based appraisal which considers funding, public priority, just in time interventions, maintenance inputs, condition data, safety inspections and engineering judgement.

## Condition of public rights of way

The requirements for PROW will be determined as part of a Rights of Way Improvement Plan (ROWIP), in consultation with the Local Access Forum established by the Countryside and Rights of Way Act 2000.

## Condition of highway drainage systems

The condition of highway drainage systems can contribute to the core objectives as follows:

### Network Safety

Accumulation of water on carriageways, footways and cycle routes.

### Network Serviceability

Accumulation of water on carriageways, footways and cycle routes.

### Network Sustainability

Polluted effluent from clearing of highway drainage should not be directed into watercourses;

Authorities have a duty to prevent nuisance and danger to adjoining landowners by flooding and should also work with others in the wider community to minimise the future risk of flooding;

Inadequate drainage of the highway structure will reduce effective life and increase maintenance liability; and

Integrity of systems, root ingress, blockage / collapse, exceedance.

Highway drainage elements fall into five main categories:

- gullies, grips and ditches, which may be obstructed by the growth of vegetation or damaged by traffic. In most cases the responsibility for maintenance of ditches will rest with the adjoining landowner;
- culverts under roads which may be affected by blockage, subsidence or structural damage;
- other piped drainage which may be affected by blockage or subsidence;
- sustainable urban drainage systems, which may require special maintenance attention for maximum effectiveness; and
- surface boxes and ironwork for both drainage and non-drainage applications, which may be affected by subsidence or obstructed access.

The Highway Maintenance Efficiency Programme (HMEP) has produced guidance on the management of highway drainage assets. And the Authority is

considering using this guidance when making decisions on the management of drainage assets.

Excavation arising's from highway activities including road sweepings are disposed of through a disposal contract with GD Environmental.

Gully emptying's are disposed of directly to one of the Viridor sites and processed through that tender.

Tidal flooding of the A466 occurs at Tintern on a regular basis. The flooding occurs due to the effect of spring tides which can be further exacerbated by the influence of barometric pressure and winds in the Severn estuary.

The Authority identifies those tides likely to give rise to flooding and crews are set on standby for those dates. Residents are provided with the dates identified.

The road is closed during the period of inundation which lasts no more than 15 minutes with appropriate warning signs being set in place.

Incidents of Highway flooding are investigated and any improvements required to infrastructure or the maintenance regime is put in place.

If the event is attributable to the actions of a third party or deficiencies in their private assets the matter is taken up with them.

### Condition of privately owned infrastructure

Responsibility for defective infrastructure, e.g. ironwork, cabinets and poles, where this is part of the apparatus installed by a utility company lies with the company.

Defects identified during inspection or from users are formally notified to the respective utility

### Condition of embankments and cuttings

The condition of embankments and cuttings can contribute to the core objectives as follows:

#### Network safety

Risk of loose material falling to injure users or damage facility.

#### Network serviceability

Risk of damage or service interruption.

Network sustainability  
Damage or loss of habitat;  
Interruption or pollution of watercourse;  
Extent of damage and reduced life; and  
Integrity of structure.

Parts of Monmouthshire are prone to landslip with events often occurring during intense or prolonged periods of rainfall. The areas which are susceptible to these events have been documented and in areas where the risk of disruption is greatest permanent monitoring has been put in place. The establishment of these remote monitoring systems is as a result of a collaborative approach to the problem with the Authorities term consultants and the British Geological Survey,

During prolonged periods of rainfall additional inspections of the at risk embankments are made.

## Condition of landscaped areas and trees

The condition of landscaped areas and trees can contribute to the core objectives as follows:

Network safety  
Obstruction to user visibility and legibility of traffic signs;  
Fallen trees or overgrown vegetation that physically obstructs part of the highway;  
Falling branches from trees;  
Leaf fall from trees causing slippery surface; and  
Root growth affecting surface regularity.

Network serviceability  
Potential for service interruption; and  
Quality of user experience.

Network sustainability  
Landscape conservation;  
Mitigation of climate change effects;  
Support for habitat and biodiversity;  
Problems of root growth for surface, structure and highway drainage; and  
Maintaining healthy trees, root severance, ivy clearance.

Safety inspections incorporate highway trees, including those outside but within falling distance of the highway, where it is judged that these trees present a risk to the highway the owner of the tree is contacted and advised of the problem. Despite this proactive approach trees can still present a risk during periods of severe weather and during these conditions any problems that arise are dealt with reactively by the crews tasked with this duty.

The obstruction of street lighting and traffic signs can be a major safety risk to users. A risk based inspection process should be developed to identify such obstructions. Trees and other foliage should be trimmed back to allow the lighting to function and the signs to be legible, while maintaining the shape of the tree wherever possible.

Within the County there are many highway verges which have ecological significance, these areas have been scheduled by the Country side team with specific instructions with regard to their ongoing management in order to minimise the impact of Highway operations on them.

All verge sites are cut with regard to the preservation of wild flower diversity and it is only in areas where highway safety would be compromised that full cuts are made such as in visibility splays.

Weed growth in footways and cycle routes, is managed with an annual programme of weeding. The use of weed-killers is closely controlled with only spot treatment generally being made.

Noxious weeds are dealt with on an ad hoc basis. All weed spraying is carried out in accordance with the Control of Pesticides Regulations 1986. Only approved pesticides are used, and these are chemicals listed in the Plant Protection Products (Sustainable Use Regulations) 2012.

The Authority seeks to minimise the impact of its activities on the environment wherever possible and will be undertaking a review of the DEFRA Best Practice Guidance Notes for Integrated and Non-chemical Amenity Hard Surface Weed Control, to determine if further reductions in the amount of pesticides can be made.

The trimming of private hedges and trees that are encroaching into the carriageway is controlled through Section 154 of the Highways Act 1980

Any trimming or felling required must be undertaken in accordance with the requirements of the European Birds Directive (2009) and the Wildlife and Countryside Act 1981, which includes protection for birds, their nests and other relevant legislation.

## Condition of fences and barriers

The condition of fences and barriers can contribute to the core objectives as follows:

### Network safety

Integrity and location of safety fencing for vehicles, pedestrians and all road users.

Network serviceability  
Risk of livestock disrupting traffic.

Network sustainability  
Appearance and condition of fencing.

The potential for vehicle safety on fence failure is significant and particularly so adjacent to railways and at approaches to bridges over railways.

Impact of failure to pedestrian barriers will increase with volumes of vehicles and pedestrians, especially children, and again where railways, rivers and similar high risk features are concerned.

All high risk situations which have been identified though a risk assessment of these assets may require a more robust inspection regime to be put in place along with a commensurate high level of condition.

### Condition of traffic signs and bollards

The condition of signs and bollards can contribute to the core objectives as follows:

Network safety  
Identification of risk to users; and  
Separation of potential traffic conflicts.

Network serviceability  
Contributes to ease of use; and  
Contributes to network integrity.

Network sustainability  
Support of sustainable transport mode;  
Contribution to local economy; and  
Heavy traffic routing can optimise maintenance.

Information on sign condition is provided through the regular Safety Inspections undertaken on all routes. Signs that are identified as being defective are replaced/cleaned as required by the Authorities Operations Teams.

### Condition of road markings and studs

The condition of road markings and studs can contribute to the core objectives as follows:

#### Network safety

Route delineation, particularly in darkness and poor weather; and  
Potential for damage and injury if loose.

#### Network serviceability

Ease of use, particularly in darkness and bad weather.

#### Network sustainability

Support of sustainable transport modes;  
Edge delineation to reduce edge damage; and  
Movement of wheel tracking to reduce localised damage.

The condition of road markings and studs is collected through the regular Safety Inspections undertaken on all routes with each defect being categorised by risk. Road markings or studs that are identified as being defective are replaced/cleaned as required by the Authorities Operations Teams.

All mandatory road markings existing before resurfacing or surface dressing are catalogued for replacement as soon as reasonably practicable following the completion of work.

Where any delay in replacement is experienced then temporary markings /signs are used. During resurfacing 'No Road Markings' boards are displayed until all markings have been replaced.

#### Regulatory functions

Regulatory functions such as traffic orders associated with parking and vehicle movement can contribute to the core objectives as follows:

##### Network safety

Risk to users and adjoining property.

##### Network serviceability

Minimising and signing of obstruction.

##### Network sustainability

Inconvenience to disabled people; and  
Structural damage from parked heavy vehicles.

In Wales the introduction of the statutory duty for network management introduced by the Traffic Management Act has significantly increased the emphasis on regulatory activity. A range of Codes of Practice also provide fairly clear guidance on required levels of service.

#### User and community response

User and community responses can be considered at three levels:

- user and community satisfaction with arrangements for their engagement in the policy development process;
- user and community satisfaction with the delivery of the highway maintenance service; and
- authority response to user and community contact in person, or by phone, mail and email.

It is widely recognised that Highway Authorities should have an effective public communications process that provides clarity and transparency in their policy and approach to repairing potholes. This should include a published policy and details of its implementation, including the prevention, identification, reporting, tracking and repair of potholes.

It is also suggested that dimensional definitions for potholes be adopted as part of any maintenance policy.

Monmouthshire does not have such a policy in place at the moment but it plans to develop its current practices into one.

## Inspection Assessment and Recording Highways

### Introduction

The approach adopted by Monmouthshire has been documented and approved by the appropriate senior decision makers

All inspection and assessment results are recorded and accessible through the authorities Mayrise system within the Highways Maintenance Module.

### Safety Inspections

Monmouthshire undertakes its inspections in a manner in which the defects for each asset type can be clearly observed. This includes making inspections from a slow moving vehicle or, in busy urban areas, and particularly when inspecting footways, by walking

The frequencies of safety inspections are derived using the principles outlined in Part A Strategy and Hierarchy of this document (categorising the network into an appropriate hierarchy) and Part A Risk-based approach (covering risk based approach for inspections).



Where carriageway and footway hierarchies intersect, for example at pelican or zebra crossings, bollards, or other defined crossing points at junctions, the higher inspection frequency of those routes is applied in determining of inspection frequency, defect definition and responses. This principle is also applied to intersections between carriageways and cycle routes and between cycle routes and footways.

## Defect risk assessment

### Safety inspection of highway trees

Trees are important for amenity and nature conservation reasons and should be preserved but they can present risks to highway users and adjoining land users if they are allowed to become unstable, cause obstruction or create visibility issues.

In Wales the Highway Authority is also responsible for ensuring that trees outside the highway boundary, but within falling distance, are safe. Section 154 of the Highways Act 1980 empowers the authority to deal, by notice, with hedges, trees and shrubs growing on adjacent land which overhang the highway, and to recover costs.

Safety inspections incorporate highway trees, including those outside but within falling distance of the highway. For trees off highway limits inspections are only made so far as can be seen without trespassing.

Where there is concern over the condition of a third party tree the 'Owners' permission is obtained prior to entry onto the property for the purpose of making a more detailed inspection.

Details of any encroachment or visibility obstruction and any obvious damage, ill health or trip hazards are made during the inspection of trees

Where Inspectors have concerns over the condition of a tree specialist arboricultural advice is sought.

Specialist arboricultural advice on the most appropriate course of action to take, where extensive root growth from larger trees are causing significant damage to the surface of footways is sought, particularly in urban areas if possible to avoid harm to the tree.

In these circumstances, it is often for the authority to reconcile their responsibilities for surface regularity, with wider environmental considerations and a reduced level of regularity may be acceptable.

Overhanging branches can also present a risk to high vehicles and buildings adjoining the highway. In such circumstances, the necessary comprehensive consideration of respective risks and liabilities of the authority and landowner

will require specialist technical, arboricultural and legal advice to determine the most appropriate course of action.

## Competance

All staff undertaking the highway safety inspections have an appropriate level of practical experience in highway maintenance. All inspectors have been issued with a Safety Inspection Handbook and are briefed through regular meetings. Staff joining the team receive a formal induction into the role.

## Skidding resistance surveys

The maintenance of adequate levels of skidding resistance on carriageways, footways and cycle routes is a most important aspect of highway maintenance, and one that contributes significantly to network safety, particularly for cyclists, motorcyclists and equestrians. However, whilst the frequency of accidents is expected to increase as skidding resistance falls, the effect will be more pronounced for more 'difficult' sites and there is no skidding resistance boundary at which a surfacing passes from being 'safe' to 'dangerous'. Difficult sites are those where the geometry, for example, bends, junctions, roundabouts, steep gradients, pedestrian crossings and traffic signals increase the risks of skidding accidents.

Authorities should publish their Skid Resistance Strategy as part of their Asset Management Framework. The strategy, which should be informed by risk assessment, should define:

- the network to which it applies taking account of traffic flow and characteristics and accident risk;

- the test equipment to be used, i.e. SCRIM or Grip Tester. Authorities should state if they will use the Pendulum Skid Tester for detailed investigations;

- the method of survey to be used to provide an estimate of the summer skid resistance, referred to as the Characteristic SCRIM Coefficient (CSC). Authorities can choose between the Single Annual Survey Method, Mean Summer SCRIM Coefficient Method, or Annual Survey with Benchmark Method;

- quality assurance procedures for data collection;

- frequency of surveys;

- the approach to setting investigatory levels, including the range of investigatory levels which are to be used for different categories of site;

frequency of re-assessment of investigatory levels;

competence levels of staff authorised to set or approve investigatory levels;

the approach to be followed in site investigation, including prioritisation of investigations, and staff competent to undertake site investigations. Each site investigation should be undertaken or led by suitably competent personnel;

intervention criteria;

how remedial works will be prioritised in relation to available funding in the overall context of the Asset Management Framework;

whether they will follow existing highway design guidance (HD 28/15) or produce their own strategy for dealing with early life skid resistance;

a realistic/achievable timetable for each part of the strategy;

responsibilities for delivering each part of the strategy; and

the documentation to be retained to enable implementation of policy to be demonstrated (in court if necessary).

The decisions taken when setting investigatory levels should be recorded, dated and signed. Investigatory levels should be reassessed whenever a significant change to the network is made, for example the installation of traffic lights, a pedestrian crossing, or roundabout. The investigatory levels for each category of hierarchy of the network should be reviewed as a result of risk assessment.

Authorities need to decide whether to use SCRIM or Grip Tester for network testing and whether they will use Grip Tester or the Pendulum Skid Tester (recommended for localised investigations only). Research has been undertaken into the correlation between Grip Tester and SCRIM.

All sites where the skid resistance is at or below investigatory level should be identified as soon as is practicable.

The results of the investigations, including whether further action is required, should be documented and retained, together with the identity of the assessor and other parties consulted.

Where the skid resistance is considerably below the Investigatory Level (an appropriate figure should be determined locally), “Slippery Road” signs should be erected as a matter of urgency.

In other cases “Slippery Road” signs should be erected at locations where a site investigation has shown that there is a need for treatment to improve skid resistance.

“Slippery Road” signs should be removed as soon as they are no longer required. This should be after the remedial action has been taken and maintenance engineers are satisfied that skidding resistance levels have been returned to an appropriate level. In some cases this will not be immediately after treatment, for example at sites where surface binder has to be worn off before the skid resistance becomes adequate.

Where skidding resistance is determined as being substantially below the Investigatory Level (an appropriate figure should be determined locally) and there are clear indications that improving the condition of the surfacing is likely to significantly reduce the risk of accidents occurring, remedial treatment should be prioritised as a relatively urgent task.

Priority should then be given to the following sites:

- where the skid resistance is below the investigatory level by a certain degree (an appropriate figure should be determined locally);

- where low skid resistance is combined with low texture depth; and

- where the accident history shows there to be a clearly increased risk of wet or skidding accidents.

Where investigations show that treatment is necessary, consideration should also be given to other planned maintenance works programmes to ensure that potential efficiencies are identified and actioned where possible. Surface treatment may not always be a necessary response and other measures to reduce the accident risk of the site may be both more cost effective and consistent with local transport policy.

### Service inspections - general

Within Monmouthshire most asset group Service inspections form part of the Safety Inspections with the exception of those relating to Structures.

The information gathered from those inspections is used by the Authority to determine programmes of work.

These inspections also include those undertaken for regulatory purposes, such as NRSWA, which are also primarily intended to maintain network availability and reliability.

### Service inspections for carriageways, footways and cycle routes

Service inspections for carriageways, footways and cycle routes are undertaken at the same frequency as the Safety Inspections. These surveys are undertaken either by slow moving vehicle, on foot.

### Service inspection of highway drainage systems

In general Monmouthshire does not undertake service inspections of highway drainage systems.

It does however undertake ad hoc inspections of known problem areas where there have been problems with carriageway flooding previously.

Monmouthshire is intending to refine how those 'at risk' areas are prioritised in line with the Highway Maintenance Efficiency Programme (HMEP) Guidance on the management of highways drainage assets.

### Service inspections of embankments and cuttings

Monmouthshire has a history of problem with landslips, many of which have affected a number of its routes. These problems have largely occurred where either the geology of the landscape is naturally prone to slippage or the construction techniques used to construct these routes makes them vulnerable to slippage.

In recent years during periods of intense and prolonged rainfall further slips have affected the network.

Working with a consultant and the British Geological Survey (BGS) a number of those sites (subsequently repaired) have had telemetry installed in order to monitor ground movement at regular intervals in order to give an 'early warning' of further movements

Other areas which are potentially at risk of slippage are known and those areas are inspected following periods of heavy and prolonged rainfall

### Service inspection of fences and barriers

Service inspections of fences and barriers are undertaken concurrently with safety inspections.

Any defects identified are reported as part of the safety inspection and those details passed to the authority's operations group. The Operations team undertake the identified repairs and also review the whole installation

Steel and wire road restraint systems should be inspected at intervals determined through risk assessment in respect of mounting height, surface protective treatment and structural condition, to ensure that they remain fit for purpose. Tensioning bolts of tensioned safety fences should be checked

and reset to correct torque at intervals determined by risk assessment. Safety barriers adjacent to bridges should be inspected as part of the highway asset, as well as part of General and Principal Inspections for structures.

Inspection and testing of safety barriers with respect to mounting height and integrity should be undertaken at a frequency determined locally using a risk based approach.

Pedestrian safety fences, boundary fences and environmental barriers for which the authority is responsible, should be also inspected in respect of integrity, and where appropriate stock proof qualities, during the course of service inspections of carriageways, footways and cycle routes. A higher frequency may be necessary in some locations (e.g. in areas with known higher incidence of vandalism). Inspections of structural condition and protective treatment should be carried out at regular intervals. All inspection intervals should be determined using a risk based approach.

Vehicle restraint systems should be inspected in accordance with an authority's strategy based upon the UKRLG/DfT October 2011 document – Provision of Road Restraint Systems for Local Authorities.

*Safety barriers and fences adjacent to railway lines should be inspected by the Highway Authority irrespective of liability, with inspection intervals determined using a risk based approach. The DfT publication Managing the Accidental Obstruction of the Railway by Road Vehicles provides more guidance on this (see Section B.4.11 of this Code).*

The Road Restraints Risk Assessment Process (RRRAP) has been developed as an Excel based tool, which allows the need for a vehicle restraint to be established for individual sites/schemes and, if so, its performance requirements:

### Service inspection of traffic signs and bollards

Service inspections of traffic signs and bollards are undertaken concurrently with safety inspections. Defects in the condition of the asset are reported through to the operations team for attention.

The primary objective is to keep all traffic signs legible, visible and effective as far as possible at all times in relation to the road use and traffic speeds. The following defects in signs and bollards should be considered as factors in a local risk assessment. The speed of permanent repair will depend on the degree of danger but important warning and regulatory signs should be replaced as a matter of urgency:

- matters affecting the legality of important warning and regulatory signs;
- damage, deterioration, or vandalism to signs and bollards leaving either the sign or situation to which it applies in a dangerous condition; and

- missing traffic cylinders across gaps in central reserve fence at emergency crossing points.

Vegetation potentially obscuring road signs is recorded during safety inspections of carriageways, footways and cycle routes.

Inspection of “Stop and Give Way” signs at minor roads are included in the safety inspections

Redundant signing is either identified through safety inspections, pre project appraisals in advance of programmed works or user reports. Such signing is noted for removal as part of regular maintenance activities.

### Service inspection of road markings and studs

Inspections in respect of wear, spread, and colour are undertaken concurrently with safety inspections.

### Service inspections for network integrity

Operational efficiency through the integrity of the network is primarily a network management consideration but aspects of it are closely related to the maintenance function, for example:

- traffic signs or markings may be poorly sited or the legend may be either incorrect, confusing or not reflect current priorities;
- traffic signs or markings may be redundant;
- facilities for walking, cycling or public transport might be discontinuous or poorly defined. Opportunities for installation of dropped kerbs or textured paving should be taken

No specific inspections are made to confirm network integrity, however where deficiencies are identified through safety inspections or direct reports from service users these are acted upon through the Authorities regular maintenance activities. Route integrity for walking cycling or disabled routes are dealt with using specific reviews of those networks.

### Condition surveys - general

The most significant financial investments in highway maintenance will be in repairing, reconditioning and reconstructing carriageways, and to a lesser degree, footways and cycle routes. Condition surveys identify the current condition of the network and from this condition, both long-term and short-term maintenance funding decisions can be made. Repeatable condition

surveys allow trend analysis to be used to confirm the original decisions or allow for changes as a result of the changing network condition, and inform lifecycle planning.

Monmouthshire uses a number of types of survey, each providing information from a differing perspective, and which in combination can provide a comprehensive picture of the condition of the asset.

These surveys which can be classified as network level surveys include:

- SCANNER (Surface Condition Assessment of the National Network of Roads);
- Coarse Visual Inspections (CVI);
- skidding resistance (SCRIM or Grip Tester);
- Footway Network Surveys (FNS)

SCANNER surveys are traffic speed surveys that collect data on transverse and longitudinal profiles, texture and cracking of carriageways. These are fast surveys with real time processing of condition information, that were introduced with the aim of providing both reliable and repeatable information, for the assessment of carriageway condition. They can support national requirements for reporting where applicable.

CVI is normally carried out from a slow moving vehicle, it is a fast, cost-effective survey that enables the authority to cover large parts of their road network on a regular basis. Rather than recording detailed measurements of individual defects, the survey identifies and categorises lengths of features having generally consistent defectiveness.

Network surveys such as SCANNER and CVI provide regular whole network coverage and are used to target more detailed investigations of provisional treatments, using more detailed project level surveys.

Monmouthshire has undertaken a survey of its Footway Network. The survey is carried out by a single surveyor walking along the footway, the footway is split into 25m blocks and those blocks are assigned a condition category. This allows a reasonably detailed picture of the condition of the footway to be quickly built up.

## Inspections for regulatory purposes

A significant element of highway maintenance comprises regulation and enforcement of activities on or affecting the highway.

The most significant of these involves responsibilities under the New Roads and Street Works Act 1991 (NRSWA). In Wales most of these issues are now incorporated within the statutory duty for Network Management



imposed by the Traffic Management Act 2004, and are the responsibility of the authority's Traffic Manager.

Other regulatory activities include:

- ensuring 'expeditious movement of traffic';
- management of the Highway Register or equivalent;
- management of the Definitive Map for PROW;
- dealing with encroachment on the highway;
- dealing with obstruction on highways or PROW;
- dealing with illegal and unauthorised signs;
- issuing permits or permissions for utilities, skips, hoardings, temporary closures and other authorised occupation of the highway;
- construction of vehicle crossings;
- dealing with illegal parking on verges and footways
- adoption of new highways.

## Reliability of data

The need for data reliability is of particular importance as the captured data can be used to inform investment decisions, develop wider strategies or support the Authorities legal defence.

The competence of the Authorities staff engaged in inspections and surveys is therefore especially important where the quality and treatment of data could have significant legal and financial implications. All staff engaged in such duties are suitably experienced and receive training as required.

Where highways staff change role within an authority, their competence for the new position is reviewed and any required training or development is provided if necessary.

The Authorities SCANNER and SCRIM, surveys are carried out by accredited surveyors using accredited software.

## Recording of information

Information from all inspections and surveys, together with any immediate or programmed action, is accurately and promptly recorded

# Programming and Priorities Highways

## INTRODUCTION

The general principles to be applied to programming and priorities are outlined in Section A of this document, this section covers guidance relating to highways assets.

## Balancing priorities by type

The broad priorities for the respective types of highway maintenance will largely be determined by the outcome of safety inspections and condition surveys, assessed against local risks and policies specified by the authority in the light of the Code Well managed Highways. In general it will be important to establish priorities and programmes for each of the following:

emergency / reactive maintenance – attending to defects and other safety matters that require urgent action arising from inspections or user information

planned maintenance – attending to defects and other less urgent matters that may benefit from further planning leading to permanent repairs

programmed maintenance – providing lifecycle / road condition based work streams

routine maintenance – providing locally defined levels of service

regulatory functions – regulating occupation, interference or obstruction of the network

Winter Service – providing locally defined levels of service of salting and clearance of ice and snow.

## Priorities for emergency / reactive maintenance

Emergency / reactive maintenance involves attending to the rectification of defects and other safety matters that require urgent action arising from inspections or user information. The level of response is determined following a risk based assessment as set out in the section on safety inspections.

The option selected, together with relevant follow up, will largely be determined by operational practicalities and also whether the site is already part of a programme for more comprehensive treatment, in which case a temporary repair may be an appropriate course of action.

Examples of emergency / reactive maintenance are given below:

all assets – sign and make safe for safety purposes;

all assets – provide initial temporary repair for safety purposes; and

all assets – provide permanent repair for safety purposes.

Monmouthshire, in most cases, will elect to undertake a permanent repair as its first response.

## Priorities for planned maintenance

Planned maintenance involves attending to the rectification of defects and other less urgent matters that do not require immediate action and where further planning may lead to the opportunity for permanent repairs.

## Priorities for programmed maintenance

Programmed maintenance is undertaken primarily in the interests of providing for a sustainable outcome, seeking to minimise cost over time and to add community value to the network or to the environment. It can also be for safety purposes by, for example, improving skidding resistance or contributing to serviceability by, for example, improving ride quality.

It is necessary to develop priorities and programmes for the structure, surface and edge of carriageways, footways and cycle routes, using data such as age, condition, hierarchy and lifecycle planning.

Monmouthshire is part of the SCOTS/CSSW Roads Asset Management Project group and Monmouthshire uses the guidance and lifecycle planning tools available to members via the RAM Knowledge Hub. Cost projection tools are also available for carriageways, footways, street furniture and other asset types. These tools enable the following models to be tested

- assessing the impact of different levels of funding on asset performance and asset maintenance needs;
- investigating current and future levels of funding required to sustain or improve the condition or performance of the asset;
- identifying the level of funding required to minimise whole life costs; and
- allocating resources to assets and treatments that provide the best whole life costs.

The goal is for programmed maintenance to be undertaken at the lowest whole life cost, therefore providing value for money.

## Priorities for routine maintenance

Routine maintenance programmes and priorities are determined largely, but not exclusively, from non-urgent defects identified during safety inspections and user requests.

Priorities and programmes are defined for all routine maintenance categories.

As Monmouthshire is largely rural in nature, it is most efficient to prepare a regular programme of visits to local council areas for the purpose of undertaking the widest possible range of routine maintenance activity where there is a good 'fit' of those operations.

Examples of routine maintenance are given below

- carriageways, footways and cycle routes – minor works and patching;
- drainage systems – cleansing and repair;
- embankments and cuttings – drainage and stability;
- landscaped areas and trees – management;
- verges – grass cutting;
- fences and barriers – tensioning and repair;
- traffic signs and bollards – cleansing and repair; and
- road markings and studs – replacement.

## Regulatory functions

Examples of regulatory functions are given below:

- maintenance of Highway Register and Definitive Map; co-ordination of road and street works (responsibility of Traffic Manager or equivalent);
- charging schemes and permits for highway occupation (responsibility of Traffic Manager or equivalent); and
- other regulatory functions – encroachment, illegal signs, parking.

## Value management

Value Management is a process that has not been adopted within Monmouthshire but it is seen as a process that offers a more enhanced tool for prioritising the competing needs of highway schemes, identified through condition and economic prioritisation.

It provides a structured, consistent and quality controlled approach for assessing the benefits of undertaking maintenance and the associated risks of not undertaking maintenance. The outcome should be a prioritised programme of schemes that will be entered into the Asset Management Framework.

Monmouthshire will therefore develop this approach by establishing a Value Management regime, where it will identify the frequency of review and the overall approach to be adopted.

This regime will take into consideration the corporate and transport priorities within the authority and the overall context of the Asset Management Framework. The regime will identify:

- Value Management frequency - it is possible that some activities would be performed on a continuous basis. However, it is anticipated that a Value Management review would be held annually in order to determine the programme of works to be included in the Asset Management Framework for the following years; and
- prioritisation criteria – the criteria considered under Value Management to be used to prioritise needs. It is important that the prioritised needs should align with the levels of service and the volumes of work identified in the Asset Management Framework.

The Value Management regime will consider each category (e.g. safety, socio-economic and environmental, value for money, risk) assigning a weighting to represent its importance in the delivery of the objectives of the authority and the context of the Asset Management Framework.

The Value Management process will be conducted in the form of workshops with the managers of the respective highway teams within the authority. The process involves the assessment of the performance of each of the programmed maintenance schemes under the various criteria. The outcome of the Value Management process will be an outline programme prioritised on scores obtained from the process. The work volumes and cost estimates should align with the work volumes and the funding estimates in the Asset Management Framework. The process should also highlight the risks related to the programme.

The overall aim of the Value Management process is to ensure that maintenance schemes are assembled into programmes of work that align with the objectives of the authority and deliver value for money. Value of these schemes will be maximised by co-ordination with other highway improvement programmes and integrated transport schemes on related parts of the network, thus minimising disruption to users and maximising benefits to the community.

### Value engineering

Value Engineering is a refinement of the Value Management process. It is a second stage process that is conducted on an individual scheme, to optimise both the design and construction phases. In principle, it reduces the risk associated with unforeseen issues at the time of scheme development. Value Engineering also provides the authority with a further chance to explore potential opportunities for innovation. Key individuals from works teams and specialists from each discipline should be present during this process.

### Materials, products and treatments

The importance of materials, products and treatments in meeting the core objectives of customer service, safety, serviceability, sustainability and the agreed levels of service is outlined in Section A of this document.

Where possible Monmouthshire will adopt innovative treatments that offer improved performance over traditional methods including service lives, surface

dressing, innovative patching products and systems, high friction surfacing, structural road recycling, crack sealing and slurry surfacing, geosynthetics and steel meshes, asphalt preservation systems, grouted macadam, retexturing and ironwork installation.

The Waste and Resources Action Programme (WRAP) is a major Government-funded programme established to promote resource efficiency and provide information resources such as The Quality Protocol for Recycled Aggregates.

## Winter Service

### Background

Winter Service deals with regular, frequent and reasonably predictable occurrences like low temperatures, ice and snow, as well as with exceptional events. Policies and plans developed for Winter Service are likely to have relevance in emergency planning for dealing with extreme weather conditions including flooding, high winds and high temperature. The incidences of such events may be affected by climate change.

Winter Service is a significant aspect of network management both financially and in terms of its perceived importance to users. It can also have significant environmental effects. The organisation of the service is likely to have considerable implications for the overall procurement and management of other highway maintenance services.

### Objectives

Winter Service can contribute significantly to each of the core objectives set out in this Code as described below:

#### **Safety**

Safety is one of the prime considerations for the Winter Service

#### **Customer**

In the development of its Winter Service Plan the Authority has collaborated with the NHS to identify the needs of vulnerable individuals such as those on dialysis.

#### **Serviceability**

Maintaining availability and reliability of the highway network is a key objective for Winter Service

### **Sustainability**

Low temperatures and the formation of ice can cause serious damage to the fabric of carriageways, footways and cycle routes with freeze/thaw action leading to accelerated damage of the network. An effective Winter Service can help to prevent freezing which can contribute reduce the whole life costs of those assets.

### **Winter service policy**

Monmouthshire County Council formally approved its current winter service plan in December 2017. In developing this plan the following matters were considered

- network resilience;
- treatment of facilities for public transport users;
- treatment of facilities for road users;
- treatment of facilities for walking
- treatment of transport interchanges;
- treatment of promoted facilities such as community or leisure centres;
- extent of priority for emergency services;
- extent of priority for key public services and critical infrastructure;
- resilience of Winter Service resources;

Within this exercise The Authority defined the Overall Winter Period, the Core Winter Period, the level of resilience and treatment networks.

### **Resilient winter service**

Precautionary salting is undertaken across Monmouthshire as defined within its winter service plan.

The primary network includes:

- All principal (class 1)
- Non-principal class (2)
- Most rural class (3) routes
- Busy and strategically important streets in Monmouthshire's principal towns.

These routes are set out in the maps which form the Appendices to the above document.

The above routes comprise 525Km of highway or approximately 33% of Monmouthshire's total network.

When prolonged periods of snow and ice are expected or present salting is also undertaken on Monmouthshire's secondary network

The secondary network includes

- Housing estate roads,
- Footways and pedestrian areas in its town centres,
- Busy urban footways,
- Footways giving access to schools hospitals and homes for the elderly
- Footways incorporating steep gradients.

Snow clearance is also undertaken on the primary and secondary network defined above

In addition to the above routes snow clearance is also undertaken on

- Urgent medical and industrial routes
- Bus service routes
- Access to private dwellings where a need has been identified by the local NHS board
- Other class three and unclassified roads giving access to villages
- Roads serving isolated farms and houses

The network extents is reviewed annually.

## Minimum Winter Network

Monmouthshires minimum winter service network includes:

- All principal (class 1)
- Non-principal class (2)
- Most rural class (3) routes
- Busy and strategically important streets in Monmouthshire's principal towns.

These routes are set out in the maps which form the Appendices to the above document.

The pre-salting service is agreed and signed off by The Head of Operations and the Cabinet Member for Highways, these details are then circulated to all those detailed on the circulation list of the Winter Maintenance Plan. Details of the actions taken are passed to all adjacent Authorities and the Emergency Services. The Well maintained highway matrix as amended in 2011 is used to determine the treatment to be deployed and the Meteorological Offices forecast is used to determine the trigger point for the action. The process is fully set out in the Winter Maintenance Service Plan.

## Winter Service Resilience Levels

The winter service period starts on the first Monday in October and ends on the nearest Sunday to the 1<sup>st</sup> of May.



Monmouthshire ensures that it has sufficient levels of salt present in its salt barns at the beginning of the winter service period and these levels are set at a minimum 1.6 times the average salt usage over the previous six years.

This provides 56 precautionary treatment days based on two 20g/m<sup>2</sup> treatments of the Primary route network

Barns are restocked when 50% of the salt stock has been depleted

Monmouthshire also has access to 200 tonnes of salt which is held for its specific use in the strategic salt stockpile just outside its borders.

Monmouthshire recognises that the delivery of the Winter Service relies all resources being available, including salt, fuel and trained staff and operatives.

The above resources are managed through a combination of rostering, regular contact and timely procurement of salt through its supply network, planned equipment procurement, regular maintenance of its salting fleet and fuel bunkering

The Authority provides regular updates to Welsh Government on salt usage on a monthly basis. Bi Annual meetings are held with all Authorities across Wales one at the beginning of the season and a further one at the end where experiences and examples of good practice can be shared.

## Co-ordination and collaboration

Monmouthshire has established collaborative arrangements with a number of its neighbouring Authorities where opportunities exist to streamline pre-salting services. In addition arrangements have also been made with Welsh Government to access salt stocks at its Ebbw Vale Emergency Salt reserve.

Neighbouring Authorities have collaborative arrangements in place for the sharing of weather station and forecast information and ongoing dialogue takes place between those Authorities on a regular basis throughout the Winter service period.

The Authorities Winter Service Plan is shared with Elected Members, Town and Community Councillors, Police, Fire, Ambulance, Meteorological Office, SEWTRA Emergency Planning Officer, and all neighbouring Authorities who have an opportunity to comment on the Plan.

## Winter service planning

Planning and preparation is fundamental to delivering a successful Winter Service. Careful planning in advance of the winter season will greatly assist in adequate resources and contingency arrangements being put in place by authorities to improve their overall resilience.

## Communication

Monmouthshire is aware that communication with stakeholders represents good practice, to this end it has set up effective lines of communication with the public, key public services, stakeholders and other Highway Authorities.

The Authority has produced the Corporate Communications Severe Weather Protocol document which sets out its approach to how communications are to be managed in advance of and during such events.

The protocol requires each front line service to have designated an officer to act as a communications lead for that service.

Within the Highways Department this role is undertaken by the out of hours duty Officer.

The Highway Service is responsible for updating its own web page which is dated and time stamped to ensure that viewers are confident about the currency of the information and information regarding gritting routes are posted on the severe weather dashboard.

In addition Service updates are posted on social media twitter and facebook.

## Setting Expectations

Information on likely road surface temperatures, and the routes to be salted is passed by the Group Engineer Highway Operations to the Authorities Communications prior to the deployment of the salting crews. This information is sent in both Welsh and English via a twitter feed to those residents signed up to receive it. This information is also posted on the Authorities web site.

Treatment regimes across Authority boundaries will generally be similar as the routes comprise mostly Primary routes, however some differences can be apparent as the decision to salt can be based on decisions based on information coming from different forecasters', however the intention will always be to provide the public with a safe route to travel.

All the forecasters use the same data from many weather stations. The MET Office (MCC's and Greater Gwent's Forecaster) would use nationwide weather station data to then model the forecast for MCC

Monmouthshire ensures that there is appropriate consultation and communication with other Highway Authorities, key public services and other stakeholders to ensure improved service for the public.

The Winter Service plan is shared directly with key stakeholders, including adjacent Highway Authorities, South East Wales Trunk Road Agency, all emergency services, Its own One Stop Shops, Meteorological Office Cardiff, Emergency Planning Officer, Town and Community Councillors, Monmouthshire's members and the Cabinet Member for Highways.

Liaison between adjacent Highway Authorities is routine throughout the winter season. Feed-back being given on relevant issues post salting runs when required.

Collaboration with other authorities takes place at the bi annual all Wales meetings where the respective Winter Service policies and plans and best practice is shared as well as the potential for mutual aid or joint training and exercising.

Regular liaison also takes place with the trunk road and motorway agency team.

## Contact Information

Staff contact details are confirmed before the start of the winter season, and those details circulated.

## Media Information

The Authorities communications team has produced the Corporate Communications Severe Weather Protocol document which sets out how information will be provided to the media in advance and during severe weather events.

The Authority has established effective working arrangements with local press and broadcast media. The above document providing contact details for both broadcast and print media.

Communication with the media is the responsibility of the Authorities Communication Team who will designate a Lead Communications Officer who will be responsible for providing and co-ordinating the information to the media.

A secure password system will be established by the communication team when a severe weather event is forecast, this password will be provided to the media partners so that they know when a genuine notification is being made.

Information regarding road conditions team deployments etc. are passed to the communications team from the Highway Operations team every few hours during a severe weather event.

## Information for the Public

Information Authorities should ensure effective communication of information for the public before and during both normal and severe winter conditions.

Monmouthshire provides users and the community a non-technical summary of the Winter Service Plan, including plans of the treated network which is available through the Authorities website

## Public Self Help

Monmouthshire assists the local community in areas not on priority routes or at known trouble spots, including gradients and sharp bends by the provision of public access salt bins. At the start of the Winter Season each salt bin is filled and the bins are refilled following each severe weather event or when required.

## Winter Service Plan

The Winter Service Plan is designed to be used by staff at all levels and that those that require it have ready access to the document. The document is issued to all Highway Engineers and Foreman engaged in the delivery of the Winter service and operatives are briefed on the plan.

Monmouthshire has formally approved, adopted, and published its plan, which is based on the principles of Well Managed Highways in consultation with users and key stakeholders

A briefing takes place at the start of the season to disseminate this information to staff involved in the delivery of the Winter Service. Staff are required to sign up to the delivery of the service confirming their availability and the status of their driving licence and personal insurances.

Any reported incidents or failure of the service is reviewed and any improvements identified

## Treatment Routes

Monmouthshire has defined its treatment route plans for carriageways and these are set out in its Winter Service Plan. The measures to be taken during snow events affecting footways are also set out.

Treatment routes for Winter Service are based on a hierarchy developed some time ago in collaboration with the Meteo Group and Nottingham University. The Hierarchy is to be reviewed with consideration being given to the following factors.

- wider transport network
- the Resilient Network;

- safe and reliable access to emergency facilities including Fire and Rescue, Police, Ambulance Services and hospitals; other public services access needs and critical infrastructure where the maintenance of access may be critical;
- public transport routes and access to stations, bus garages and depots;
- safe and reliable access to main industrial and business centres of key importance to the local and regional economy;
- any significant variation between summer and winter traffic;
- accessibility dependencies of remote communities
- the special needs of disabled people or older people particularly where these can be effectively targeted;
- known problems, including significant gradients, exposed areas and other topological factors;
- climatic and thermal capacity differences within the area; and
- co-ordination and co-operation with other authorities.

Risk assessments will also be undertaken to establish which routes should be included in a programme of treatment during winter.

## Contingency Planning

During exceptionally severe weather Town Centres, School access routes and footways adjacent to programmed refuse collection routes are cleared by operatives from the grounds maintenance teams who live in direct proximity to those towns as often operatives need to walk from their homes to the local depots in that area.

This activity is triggered by an instruction from the Group Engineer Highway Operations to the Grounds Maintenance Manager.

The scope of the work is set out at the beginning of each season and a formal instruction confirming the instruction sent out.

Monmouthshire is a Category I responder under the Civil Contingencies Act 2004, and has emergency plans in place.

Monmouthshire has direct access to reserve supplies of salt which clearly is a key resource. Reserve Operatives are available from the Authorities Grounds Maintenance Teams.

Monmouthshire has built strong relations with its neighbouring Authorities sharing forecasting information weather station sites and providing salt stock where necessary.

## Winter service delivery

### **Decisions and Management Information**

The decision support information will be used by the authority's Group Engineer Highways Operation, together with local experience, and against the background of a range of pre-determined scenarios, in deciding the action to be taken.

The Group Engineer maintains close consultation with others both within and adjoining the authority and also SEWTRA who deal with the Trunk and Motorway Networks.

### **Information Recording and Monitoring**

Monmouthshire collects comprehensive and accurate records of the all Winter Service activities. This includes the timing and nature of all decisions, the information on which they were based, and the nature and timing of all treatment. The time at the end of actual salting and the time of return to depot is recorded.

The Authorities gritting fleet is largely equipped with electronic vehicle location systems together with automatic recording of salt spreading. This simplifies the collection and accuracy of records as well as providing corroboration of service delivery in cases where failure to salt is alleged.

## Resources

The significant amount of resources required in the delivery of the Winter Service demands that the supplies of plant and large volumes of consumables such as salt for de-icing and fuel are properly planned and managed.

Monmouthshire dedicates a significant resource into the planning of this service to ensure that adequate salt stocks are in place at the beginning of the season, that the winter service fleet is fit for purpose and that robust maintenance regimes are in place for the maintenance of that fleet during the winter period. In addition all staff involved in the delivery of the service are briefed on the importance of their role and training is given as appropriate.

The Authority makes use of third party plant and personnel resources through a contractual management arrangement with a large agricultural contractor who co-ordinates the use of individual local farmers. This arrangement works particularly well especially during periods of severe weather.

In addition the Authorities refuse collection, street cleansing and grounds maintenance services provide support to the Winter Service, especially in times of prolonged ice and snow. These arrangements being made and documented well before the commencement of the season.

Detailed route planning has been undertaken to ensure economic, efficient and effective resource usage. The current routes are to be reviewed with close attention being paid to the following factors.

- spreading vehicle characteristics and capacity;
- depot and salt location;
- response times
- treatment times
- Risk assessment of target treatment times based on local circumstances that provide for the completion of pre-treatment before ice forming.
- turnaround times

Planning of staff resources covers the entire workforce involved in the Winter Service. Consideration is given to

- the need for staff to be available throughout defined risk periods. managed through a robust rota system;
- the need for the treatment operations to be co-ordinated and supervised which is managed through the duty officer.
- resources and equipment for treating carriageways, and footways. Managed through a robust system of maintenance and calibration;
- resources for dealing with vehicle breakdowns, problems with fuel supply and communications failure; Managed through a standby arrangement with plant fitters and a strong supply chain.

- resources for the storage, delivery and loading of salt. Managed through a robust supply chain and salt stock monitoring.

In planning resources, the following issues regarding personnel are also considered

- implications of Drivers' Hours Regulations;
- extent and nature of double manning and driver support;
- shift system arrangements; and
- provision for holidays and sickness.

The Authority has in place a contract with an agricultural contractor for the delivery of services during periods of prolonged snow and ice these arrangements are fully documented and the necessary insurances are in place.

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## Part C Structures

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# Part C Structures

## Introduction

This section relates specifically to the following highway structures.

- bridges including footbridges, cycle route bridges, bridleway bridges, accommodation bridges, occupation bridges, subways, underpasses and culverts;
- retaining walls;
- sign/signal gantries;
- cantilever road signs; and
- tunnels.

The following definitions are aligned with the Code of Practice on the Highways Network Asset definitions.

- bridge – a structure with a span of 1.5m or more spanning and providing passage over an obstacle, e.g. watercourse, railway, road, valley. This category also covers subways, footbridges and underpasses;
- cantilever road sign – a structure with a single support that projects over the highway in order to carry a traffic sign;
- cellar or vault – an underground room or chamber with a maximum plan dimension of 1.5m or more;
- culvert – a drainage structure with a span of less than 1.5m passing beneath a highway embankment that has a proportion of the embankment, rather than a bridge deck, between its uppermost point and the road running courses. Culverts are normally rectangular or circular in cross section;
- retaining wall – a wall associated with the highway where the dominant function is to act as a retaining structure, and with a minimum retained height of 1.35m;
- road tunnel – a tunnel with an enclosed length of 150 metres or more through which a road passes; and
- sign/signal gantry – a structure spanning the highway, the primary function of which is to support traffic signs and signalling equipment.

It should be noted that BD 2 (Technical Approval of Highway Structures) applies to all highway structures with a clear span or internal diameter greater than 0.9m, and to retaining walls of height greater than 1.5m.

## Legal Framework Structures

### Introduction

In Wales, reducing access to the means of suicide is one of the objectives of Talk to Me 2 – Suicide and Self Harm Prevention Action Plan for Wales 2015-2020.

Monmouthshire intends to undertake a suicide risk review of its structures where the potential exists for those structures to play a part in suicides and restricting access where necessary. (See **Part 3, Structures**)

### Structures specific legal and procedural requirements

The Highways Act 1980 sets out the main duties of Highway Authorities in England and Wales. In particular, Section 41 imposes a duty to maintain highways that are maintainable at public expense. Where a highway passes over a bridge, Section 328(2) vests the bridge as part of the highway and the normal duty to maintain under Section 41 of the 1980 Act applies under these circumstances. However this does not preclude bridges under highways being in private ownership and rightly the responsibility of the private owner. Issues regarding retaining walls are covered below.

### Bridges

Bridges built under an Act of Parliament for the construction of the canal and railway networks are not maintainable at public expense. In these instances where a bridge carries a road, (e.g. Network Rail), the maintenance obligations are clearly recognised by both the Highway Authority and the Bridge Owner. However it is proposed to formalise that situation through the production of an agreement which sets out the various maintenance responsibilities. (See **Part 3, Structures**)

Section 7 of the Trunk Roads Act 1946 and later Section 55 of the Highways Act 1980 led to the adoption by the strategic Highway Authority of all private bridges when a road was trunked. These bridges have generally been passed to the Local Highway Authority if the road was subsequently de-trunked in accordance with Section 2 of the Highways Act 1980 and in Monmouthshire we have one such structure which is located to the rear of no 10 Troy Gardens Monmouth

Between 1989 and 1999 as the result of a European Directive, authorities were required to assess the strength of bridges carrying the adopted road network and, where appropriate, with strengthening to ensure adequacy for the introduction of the 40 tonne European Standard. Currently 70% of the relevant bridge stock has been assessed and where necessary strengthening works put in place. The work is ongoing.

The British Railways Board, the London Board, and the British Waterways Board, now the Canal & River Trust (or their successors in title) are referred to as “the Boards” throughout the following section.

In the case of bridges owned by the Boards and their successors, an initial assessment was required to the new code BD21 The Assessment of Highway Bridges and Structures and its successive developments and, in the event of the assessment indicating inadequate strength, a further assessment generally to BE4, to determine whether or not the owner’s load bearing obligation for the structure was met. Owners were only obliged to ensure that their structures met the BE4 requirements. Any shortfalls of strength identified could be addressed with cost sharing determined on the degree of shortfall, the form of strengthening and the desired loading requirements for the route. Schemes are progressed under national templates for works agreements prepared by the Boards and ADEPT Bridges Group. Further details are provided in Strengthening of Railtrack owned highway bridges, published jointly by CSS (now ADEPT) and Railtrack, March 1999.

BS EN 1991-2 defines models of traffic loads for the design of road bridges, footbridges and railway bridges.

## Retaining Walls

Most retaining walls, which directly support the highway or support land carrying the highway (“highway retaining walls”) and are within the highway boundary, are maintainable at public expense. Occasionally such retaining walls have been built by adjoining landowners to create a more level site and so afford more useable space, e.g. for a mill, these are generally owned by, and should be maintained by, the landowner. Whilst this cannot be insisted upon by the Highway Authority unless covered by an agreement, the highway does have a right of support under Common Law and this can be used if the wall starts to collapse.

The responsibility for the maintenance of retaining walls which support property adjacent to the highway (“property retaining walls”) is more difficult to determine. These walls may have been built as part of the highway and as such are maintainable at public expense unless built as accommodation works for the adjoining landowner with an agreement that the landowner would maintain them in the future. Some retaining walls may have been built by the adjoining landowner to create a more useable area and as such are maintainable by the landowner. In this case, if an existing wall is liable to endanger highway users, the Highway Authority can serve notice, under Section 167 of the Highways Act, on the owner or occupier requiring them to carry out repair work to remove the danger. This can be a protracted process and the authority needs to consider their general duty of care to the public. Serving of such a notice imposes a duty on the Highway Authority to act in default of action by the owner. Section 167 also states that no new retaining wall shall be built of height greater than 4 feet 6 inches (approximately 1.37m) within 4 yards (approximately 3.66m) of a street unless it is approved by the local council following consultation with the Highway Authority.

The ownership and maintenance of retaining walls can be a complex issue currently the County Surveyors Society Wales Bridge Working Group of which Monmouthshire is a member is reviewing this issue with a view to producing a guidance note to clarify retaining wall responsibilities.

## Railway and Canal Bridges

The Transport Act 1968 (Part VIII Bridges and level Crossings etc) sought to clarify responsibilities for maintaining the structures that carry highways over the railways of the British Railways Board or the London Board, and over waterways of the British Waterways Board, now the Canal & River Trust (or their successors in title).

Part VIII of that Act states that where, at that time, any of the above Boards were responsible for maintaining the highway on the bridge or giving access to the bridge, they remain responsible for all but the surfacing of the highway which from that time becomes the responsibility of the Highway Authority as highway maintainable at the public expense. The Act provides that the authority is not responsible for any defect in the surface that is attributable to the failure of the Boards to discharge their responsibility. There are similar obligations on the authority to afford access to the Boards to carry out their maintenance work and to seek the consent of the Boards to works which might affect the loading and/or parapet height on the bridge.

The Transport Act 1968 imposed upon the Boards the need to provide bridges with the required load-bearing capacity and to maintain or improve their bridges as appropriate. Except for special cases where standards are specified by a Minister, the capacity was defined as the weight of traffic which ordinarily uses or may be reasonably expected to use the highway carried by the bridge on or about the day on which the section of the Act came into force for existing bridges or, if the bridge is constructed subsequently, when it is opened to traffic. In the case of railway bridges this was further defined by The Railway Bridges (Load Bearing Standards) (England and Wales) Order 1972 (SI 1072 No. 1705) where five standards of loading are applied depending on the age of the bridge or when it was reconstructed (special provision is made for specific bridges listed in Schedules 2 and 3 to this order). The five standards of loading are:

- Technical Memorandum (Bridges) No. BE4 The Assessment of Highway Bridges for Construction and Use Vehicles;
- Type HA (equivalent lane loading) standard;
- HA and 37.5 units of HB (abnormal loading);
- HA and 45 units of HB; and
- for bridges that were or were about to be weight restricted, the load bearing obligation was limited to the weight restriction.

## Overbridges

The following overbridges are present within Monmouthshire.

- See **Part 3, Structures**

Where works are planned by the Highway Authority which could impact upon the interests of the respective boards responsible for those bridges the Authority consults with the owner.

Over-bridge strikes may have severe consequences, the Bridge Strike Prevention Group (BSPG), have developed a protocol for highway managers and bridge owners to minimise the risk of bridge strikes which Monmouthshire intends to adopt. (See **Part 3, Structures**)

## Low, Narrow or Weak Bridges

The Traffic Signs Manual Chapter 4 contains guidance for the signing of low, narrow and weak bridges.

All bridges over highways with less than 5.0m headroom at any point over the carriageway are referred to as 'low bridges'. Sections 1 and 2 of the Road Traffic Regulation Act 1984, as amended, are used to make a TRO (called a "Weight Restriction Order" although actually a TRO) prohibiting certain vehicles from using a bridge which has a load bearing capacity less than that required to safely carry all vehicles permitted under The Road Vehicles (Construction and Use) Regulations 1986 or The Road Vehicles (Authorised Weight) Regulations 1998. "Weak Bridge" warning signs are erected in accordance with Traffic Signs Manual Chapter 4 using guidance in BD 21 and BA 16 to determine the appropriate weight restriction with appropriate advance signing.

Where necessary Load Mitigation Interim Measures are imposed on weak structures in order to reduce the effects of the loading on the structure to an acceptable level. These measures can include weight restrictions, lane restrictions, propping, use of a temporary structure and closure.

## Culverts

Where the Authority intends to repair or provide a new culvert the hydraulic capacity of that culvert is assessed using the design methodology set out in the Flood Estimation Handbook FEH. The design is based around a 1:100 year storm return period with an additional allowance of 20% made for climate change.

As part of the design process consultation takes place with National Resources Wales (NRW) and the Authorities Flood Risk Manager

In some circumstances the NRW has required the Authority to maintain the existing capacity of a culvert which by current standards would be undersized in order to maintain habitats upstream.

The NRW (includes the former Internal Drainage Board (IDB)) and the Lead Local Flood Authority (LLFA) should be consulted when undertaking work on culverts/bridges that may interfere with the natural capacity of a watercourse.

## Other Highway Structures

Within the Structures database various other structural elements are recorded these are

- Reinforced earth structures
- Willow embankments
- Soil nailing systems
- Rock anchors
- Rock fencing and netting systems

## Cellars and Vaults

The majority of cellars and vaults associated with the highway are privately owned and their maintenance and management is largely outside the remit of the authority. The owner has a duty to maintain which is set out in the Highways Act 1980.

The Authority has no obligation to ensure that the Highway acts as an impermeable layer protecting the cellar or vault from water ingress or for ground water beneath the surface

Within Monmouthshire the collapse of a private cellar or vault collapses is a very rare occurrence.

Where such an event occurs the Authorities Bridge Manager will adopt the following protocol.

Following a collapse the authority liaises with the owner/occupier regarding the repair and agrees an action plan. This plan must address the following issues

- How the risk to the public will be minimised
- Agree the contractor (they must be approved to undertake works on the Highway) who will undertake the works
- Agree the length of time taken to return the highway to public use
- How the site will be secured, e.g. site safety, traffic management, initial inspection and structural analysis;
- identification of relevant parties, e.g. owner, occupier, highway and other authorities;
- investigation, e.g. nature of the cellar/vault, extent and cause of damage, scope and cost of works required and constraints
- repairs, e.g. establish who will carry out the repairs, identify work required to meet current standards and agree how costs will be shared between the parties.

In the event that an agreement cannot be reached or the owner fails to undertake these works then the Authority will take the necessary action to maintain the Highway.

## Improvements and Reconstruction

Sections 62 to 105 of the Highways Act 1980 give general powers to the authority to improve the highway be it widening, junction improvements or safety aspects. Improvements can include highway structures. Section 75(2) requires consent of the railway, canal, inland navigation, dock or harbour undertakers concerned, if affected.

Sections 91 and 92 of the 1980 Act respectively state that an authority can construct a bridge to carry the highway and that a bridge can be reconstructed either at the site or within 200 yards (approximately 183m) of the existing one. Section 93 of the Act permits the authority to apply to the Minister of State for an order to provide for reconstruction, improvement or maintenance of privately maintained bridges if they are considered dangerous or unsuitable for the requirements of road traffic.

The authority has the power under the 1980 Act, Section 110 to divert non-navigable watercourses if necessary or desirable as part of improvement or alterations.

Construction of bridges over, and of tunnels under, navigable waterways, requires an order from the Minister under Section 106 of the Highways Act 1980. If the waterway is also tidal, consent is required under the Coast Protection Act 1949 as amended by Section 36 of the Merchant Shipping Act 1988. If material is to be deposited in the tidal waterway, consent is also required in accordance with the Food and Environmental Protection Act 1985 Part II.

Each of these processes involves a statutory consultation process which includes the Environment Agency, Marine Management Organisation, navigation authorities, Trinity House, etc as necessary. For works required on highway structures within areas covered by a "Harbour Order" permission is required from the Harbour Authority.

## Structures Over or Adjacent to Watercourses or Flood Defences

If highway structure works are required in, over, under or near a watercourse or flood defences (including sea defences), Then the Authority will liaise with the appropriate body in order to gain consent to work in watercourses. Consents to cover both temporary and permanent work are normally required.

Consents are the means of meeting requirements that the works do not endanger life or property by increasing the risk of flooding or cause harm to the water environment. Consents are given by National Resources Wales (NRW) for main rivers and by Monmouthshire County Council as the lead local flood authority under the Land Drainage Act 1991 for works on or near 'Ordinary Watercourses'. Any potential conflict of interest is avoided by the Authority providing details of its 'in house' promoted schemes to the NRW. The former Internal Drainage Boards have now been subsumed into the NRW.



## Party Wall Act

The Party Wall Act 1996 requires the issue of statutory notices when work affects adjacent properties within 3 metres of any construction works or within 6 metres if affecting foundation support. The Act is only considered applicable if the land is owned by the authority rather than 'simply' highway land. However, the authority still has a duty to maintain support of the highway under Common Law. Condition surveys should be undertaken prior to any major works and in some instances the processes prescribed within the Party Wall Act may prove beneficial. The process may lead to an affected party appointing an Independent Party Wall Surveyor to act on their behalf and thus later disputes may be avoided. Further information may be obtained from the website of the Pyramus and Thisbe Club, which is the organisation for professionals specialising in party wall matters.

## Environmental requirements

Maintenance work and inspections on highway structures should be undertaken giving due consideration to the environment. Highway structures provide habitats for some species, such as reptiles, nesting birds, bats and plants especially lichens, mosses, and liverworts. They are often situated in and over key biodiversity corridors – i.e. rivers, streams and estuaries. Whilst they facilitate the passage of vehicles, cycles and pedestrians, over or under obstacles, bridges can also be a barrier to the migration of animals, which can result in conflict with traffic

## Sustainability requirements

### Guiding Legislation

The Climate Change Act 2008 empowered the government to set national targets for the year 2050 for the reduction of greenhouse gas emissions and to encourage energy users to meet the objectives of the act, such as reducing such emissions or removing greenhouse gas from the atmosphere.

## Conservation requirements

The Planning (Listed Building and Conservation Areas) Act 1990 requires each authority to compile a list of buildings of special interest, either historic or architectural. Listed building consent is required to demolish such a structure, or to alter or extend it in a manner affecting its architectural or historic interest. The Act also provides for the protection of conservation areas that have special historical interest. The status can influence the processes required for structure maintenance in such an area.

There are different grades of listing, depending on the historical or architectural importance of the structure, ranging from Grade 2 through Grade 2\* to Grade 1, with a further level of Scheduled Ancient Monument, which is covered by The Ancient Monuments and Archaeological Areas Act 1979. CADW approval of proposals for work on a Scheduled Ancient Monument is required before any works

are carried out, except emergency works. The Ancient Monuments (Class Consents) Order 1994 gives consent in Class 5 for works which are urgently necessary in the interests of safety or health, provided that the works are limited to the minimum measures immediately necessary and notice in writing justifying in detail the need for the works is given to CADW as soon as reasonably practical. Proposals for works on structures recorded at the lower (listed) levels are usually approved by the planning department of the local authority. However, if the work will require complete or partial demolition, or if the work will alter or extend a Grade 1 or 2\* structure in any manner which would change its character as a building of special architectural or historical interest, the planning department of the local authority has to consult CADW

Conservation of Bridges and BD 89 provide information regarding the Conservation of Highway Structures. Both these publications should be consulted before work is proposed on historic structures.

## Asset Management Information Structures

### Principles and considerations

A structures asset management system should provide/support the following list of functions.

- collection, storage and retrieval of inventory data and condition data;
- works management and prioritisation;
- asset valuation – both gross replacement and depreciated replacement cost to support Whole of Government Accounting requirements;
- production and reporting of national and local performance data;
- deterioration modelling and life cycle planning; and
- management and storage, in electronic format, of drawings, photographs and reports.

The County Surveyors Society Wales (CSS) in association with EXP Consulting have developed a methodology for Structures Asset Management Planning, referred to as the Structures Toolkit (6ST) Structures Cost Projection, which is used to produce the required figures for the Whole of Government Accounts.

## Management of asset information

The Authorities Asset data is held in the WDM Structures Management System (WDM SMS) which allows data to be easily entered, analysed and manipulated during the planning process. Data entry may be performed by administration staff or engineers. In the latter case data entry, especially for General Inspections, is combined with the identification of needs in order to produce a more time and cost efficient approach. The highway structures stock can be divided into groups and sub-groups that have similar deterioration characteristics and maintenance.

Consistency is vital to current and developing Bridge Management Techniques and to ensure that these are suitably supported, it is essential that element inventories are created and maintained in a consistent manner.

The extent of data held depends on the particular requirements of the authority but the following should be considered:

- **basic inventory data** – the basic information about each highway structure, including structure name/reference, structural type, location, route carried, obstacle crossed (where relevant) and key dimensions;
- **legal data** – details of contracts, licences, legal agreements, letters, etc. that define who is responsible for management, e.g. authority, other owner, third party, maintaining agent;
- **condition data** – an up-to-date General Inspection pro forma should be held for all structures as a minimum. Holding additional more historic condition data will assist in monitoring and developing trends;
- **structural assessment and review data** – the assessment rating, date of latest structural review, details of a planned assessment, or details of why the structure is excluded from the review/assessment programme.
- **Health and Safety** – H&S comments are recorded within the individual structures files.

## Inventory Data

The inventory holds the basic data and information on the stock of highway structures in terms of descriptive parameters such as structural type, form, construction material and geometry (dimensions, span, width, skew etc). Attributes held in the inventory should enable management to operate at a number of levels, e.g. stock, groups or individual structures.

The following fields for the highway structures inventory are listed below:

- structure type, e.g. bridge, culvert, retaining wall;
- owner and, where appropriate, management, maintenance and inspection responsibilities;
- structure identifier – reference, name, key number, etc;
- route carried, e.g. Principal A road, B road, footway;
- structure location, e.g. map reference (easting and northing), GPS, section of road, local position reference;

- year of construction/reconstruction, designer and design code;
  - location of drawings, photographs, design details, etc;
  - headroom envelopes, minimum headroom, navigation clearance;
  - historic listing or scheduled ancient monument;
  - special access requirements, including details of confined space working, permit to entry or work, maintenance access needs etc;
  - details, including date, of major upgrades and/or modifications, e.g. widening or strengthening;
  - presence of utility services (stats) – a field indicating ‘yes’ or ‘no’ may be sufficient rather than specific details. This is for information only and a live search should be carried out to confirm stats prior to any works;
  - external considerations and/or constraints, e.g. social, geographical, environmental, conservation, etc;
  - structure arrangement, e.g. number and location of widenings, number of spans/panels, skew;
  - structural form, e.g. arch, beam and slab;
  - general material of construction, e.g. masonry, steel, concrete;
  - obstacle crossed, e.g. road, watercourse, railway;
  - dimensions, e.g. length, width, height;
  - list of components, e.g. primary deck element, joints, bearings.
- Monmouthshire County Council use the inspection pro forma developed by CSS Wales to record this information.
- materials of construction;
  - year of construction/installation;
  - manufacturer and unit specifications, e.g. for parapets, bearings and joints;
  - presence of asbestos; and
  - capacity rating/abnormal load rating.

## Inspection, Condition and Performance Data

General and Principal Inspections provide the majority of condition data. These are supplemented by Special Inspections, testing and monitoring, as appropriate, where the data sought is often focussed on a particular part of the structure or aspect of performance. Such data is often obtained on a “one-off” basis and may include measurements which cannot be conveniently entered into a paper based or electronic system. The database should indicate the location of the full report in such instances.

Condition data from previous inspections should be retained as the evolution of this data over time gives a clear indication of the rate of deterioration and residual service life.

## Performance measurement for highway structures

The following should be considered when identifying performance measures for use in asset management planning:

- performance measures for highway structures that are already in use, e.g. Condition Performance Indicator;
- performance measures that have been developed, or are under development, for highway structures, e.g. Availability and Reliability PI, see below; and
- additional performance measures that may be needed to reflect the levels of service for the overall network and for measuring the effectiveness and efficiency of the planning and delivery processes.

The Government paper on Choosing the Right Fabric: A Framework for Performance Measurement provides useful further guidance for the identification, development and use of performance measures.

Performance Measures for Highway Structures: Part A provides guidance on performance reporting. (See **Part 3, Structures**)

## Asset condition and investigatory levels – structures

### Introduction

All maintenance work should preferably be designed to current standards, although there may be situations where lesser standards are acceptable, e.g. repair of part of an element, repair of accident damage. Each case should be considered on its merits. Where lesser standards are accepted, the designer should check that the load carrying capacity of the structure at both serviceability and ultimate limit states and the durability of the repaired area are not less than that of the rest of the structure. Lesser standards may be unavoidable, e.g. maintenance of a listed bridge or scheduled monument. In this situation it is recommended that a safety audit or risk assessment is carried out. This documentation should be kept with the structure file for the structure in question. Where unacceptable risks or hazards are identified, the Bridge Manager should look for alternative mitigation measures. It is important that the implications for future maintenance are a prime consideration in the design and implementation of all maintenance schemes.

The Design Manual for Roads and Bridges (DMRB) and the Manual of Contract Documents for Highway Works (MCHW) are maintained by Highways England on behalf of all Overseeing Organisations (the national highway / roads authorities in England, Scotland, Wales and Northern Ireland).

The DMRB provides detailed guidance in the form of standards (BDs) and advice notes (BAs) for most aspects of highway structure design and assessment. The guidance includes criteria for structural loading, analysis, material properties, element design or assessment, in addition to geometrical requirements and best practice for design for durability. The MCHW provides model contract documents, specifications, notes for guidance and standard details. Care is required to remain fully aware of changes and additions to the DMRB and the MCHW.

The Overseeing Organisations also issue Interim Advice Notes (IAN), as interim guidance until full standards are available. Interim Advice Notes are available on the relevant national authority website. DfT publishes a Network Maintenance Manual (NMM) and Routine and Winter Service Code (RWSC) for the strategic road network in England.

## Technical Approval

All structural design and assessment should be subject to a formal Technical Approval procedure such as those used by the Overseeing Organisations [BD 2; Technical Approval of Highway Structure] or Network Rail [GC/RT5101 Technical Approval Requirements for Changes to the Infrastructure]. Authorities should have such a procedure in place and have formally appointed an appropriate organisation or individual to act as Technical Approval Authority (TAA).

Both Highways England and Network Rail have a range of documents applicable to maintenance and that refer to the relevant British Standards and Eurocodes. Departures from these standards should be carefully recorded to enable an audit trail for certification.

## National Variations

The DMRB is implemented by the Welsh Government with some specific variations appropriate for use in Wales.

## Implementation of the Eurocodes

The Eurocodes are a series of European Standards developed by the European Committee for Standardisation, to provide a common approach for the design of buildings and other civil engineering works and construction products. The Eurocodes are not to be used for assessment.

Ten Eurocodes have been developed and published. They are organised in 58 parts and each part is supplemented by a National Annex.

- EN 1990 Eurocode: Basis of structural design;
- EN 1991 Eurocode 1: Actions on structures;
- EN 1992 Eurocode 2: Design of concrete structures;
- EN 1993 Eurocode 3: Design of steel structures;
- EN 1994 Eurocode 4: Design of composite structures;
- EN 1995 Eurocode 5: Design of timber structures;
- EN 1996 Eurocode 6: Design of masonry structures;
- EN 1997 Eurocode 7: Geotechnical design;
- EN 1998 Eurocode 8: Design for earthquake resistance; and
- EN 1999 Eurocode 9: Design of aluminium structures.

On 31 March 2010, all British Standards that conflicted with the Eurocodes were withdrawn. The Eurocodes have therefore replaced national codes that were previously published by national standard bodies and have become mandatory for

European publicly funded works. As with other European standards, the Eurocodes will be used in public procurement.

## Predict future demand

The prediction of future demand on highway structures should align with the network demands and are likely to include changes in vehicle weight, height and width, and traffic volume. Future demands will be predicted using available data, historical trends, and local factors. The following will be considered when developing rules for predicting future demand on highway structures:

- **vehicle weight** – current highway bridge design and assessment standards [BS EN 1991-2, BD21] use a conservative loading model that may be able to cater for some future increases in Gross Vehicle Weights (GVW). However, increases in GVW may require associated changes to the Authorised Weight (AW) regulations, i.e. limits on axle weights, numbers and spacing. If the AW regulations change, the effect on bridges would be examined nationally and appropriate guidance provided by the DfT to Highway Authorities;
- **height and width** – it is unlikely that any change in specified vehicle dimension would force a national programme of bridge ‘raising’, road ‘lowering’ or road widening. It should be sufficient to assess the vertical and horizontal clearance requirements on specific structures or structures on a route, e.g. routes/structures that currently have height/width restrictions, routes that may be reclassified as a high load route. Height is not controlled by UK legislation, unlike width, length and weight; and
- **traffic volume** – increases in traffic volume may require highway structures to be widened or replaced as part of a larger highway widening/upgrade scheme. Also, increases in HGV movements (for example, due to a quarry or distribution centre opening) may have a significant impact on future management and maintenance. The Bridge Manager should seek to obtain advance warning of such schemes and use this in asset management planning.

## Risk management principles for highway structures

The principles of a risk based approach for highway infrastructure are dealt with in Part A of this document

Monmouthshire assigns its budgets using risk management principles to identify and prioritise the allocation of resources in the most appropriate location.

Risk can vary from structure to structure and is not necessarily linked to its size or the classification of the route it services. For instance a small structure/culvert on a critical network link may warrant more attention than a much larger structure on a remote unclassified road. Alternatively, a small structure on an unclassified road (with no local diversion routes possible) that provides the only local link between adjacent villages could be assessed as being more important than a much larger

structure on a more significant road (where simple diversions are possible). Monmouthshire therefore considers the hierarchy of its structures relative to the hierarchy of the road network, coupled with local factors and constraints to ensure that by applying an integrated asset approach, more efficient management strategies with a reduced impact for users can be realised.

This approach allows for funding to be prioritised in areas where the need is greatest. Which can help in managing the deterioration of the bridge stock in a more proactive integrated manner.

## Resilience requirements

Structural failures can result in network disruption with significant repair costs, damage to third party property, and more importantly the potential loss of human life. Bridges and other highway structures rarely experience complete collapse during non-extreme events, however when such collapses do occur, the results can be catastrophic.

Failure is defined as the inability of a structure, or one of its primary load-carrying components, to perform its intended function of being safe for use and fit for purpose. Failures can be caused by one, or a combination of the following (not exhaustive):

- errors in design, detailing and construction;
- effects of unanticipated stress concentrations;
- inadequate maintenance;
- use of improper materials or foundation types;
- unplanned extreme event;
- unknown deterioration and defects;
- hidden deterioration and defects;
- lack of appreciation of the significance of observed defects or of appropriate action;
- lack of inspection and monitoring;
- lack of funding for essential maintenance;
- pressure to keep structures in service; and
- effects of unanticipated or unforeseen change of use.

It has been shown through various studies that a bridge collapse is most likely to be caused by an extreme event, with the most prevalent type being flooding and scour. The County Surveyors Society Wales (CSS) in association with EXP Consulting have developed a methodology for scour assessment, referred to as the Structures Scour Assessment (6STS). Monmouthshire County is currently using this to undertake a scour risk assessment of the Counties bridge stock.

The frequency of occurrence of these events has been increasing. This rise in occurrences is considered to be due to the effects of climate change.



## Bridge Inspection and Maintenance

Regularly scheduled inspections enable bridge owners to record the general conditions of the bridge to help detect any potential problems that could lead to a failure. Regular inspections give the asset owner a data set to base their decision on. Consequently the inspection process is invaluable and the quality of this information will impact the effectiveness of any agreed maintenance strategies.

When developing maintenance strategies for bridges and highway structures a good maintenance programme will help to reduce the potential for deterioration that leads to a bridge failure. If bridge inspections are not routinely performed, deteriorated areas in need of repair will increase, resulting in the increased potential for a bridge failure. Monmouthshire has adopted the use of increased inspection intervals on certain structures in order to identify maintenance works early on and so prolong the life of the asset.

### Access

Maintenance work, including inspections, frequently requires access onto land in other ownership, either at the structure or gaining entry to it.

The Highway Authority or other owner does not necessarily own the land adjacent to a structure or under a bridge or have a right to access covered by a legal agreement.

Normally access is agreed quite informally for the purposes of inspection with formal notices being served in respect of works.

Records of all landowners are not routinely gathered but landowner details are retained within the bridge management system if they have been obtained through previous works activities.

If agreement cannot be reached it may be necessary for the Highway Authority to use the powers in the Highways Act 1980 (Sections 289 to 292)

Access to the structure is arranged where possible so as to minimise damage to the environment.

### Border Agreements

Section 3 of the Highways Act 1980 states that when a bridge straddles a boundary between authority areas an agreement has to be entered into between the two authorities whereby one of the authorities becomes the Highway Authority for the whole bridge and its approaches.

Within Monmouthshire the responsibility for the management of assets on those boundaries e.g river bridges is recorded but there is no formal documentation in place which sets out the detail of how those maintenance arrangements will be managed.

It is therefore proposed to set out a management agreement which will formalise arrangements in those areas. (See **Part 3, Structures**)

Maintenance on structures that straddle authority boundaries necessitates an especially high level of consultation, communication and joint planning of operations between the authorities. Work on strategic routes can also have a significant impact on the whole highway network of adjoining authorities and significant costs may result. Particular attention should be given to emergency planning for these types of structure as any major incident can have a significant effect on both authorities.

### Structures Owned by Other Bodies

Highways are frequently supported by or go under structures owned by parties other than the Highway Authority for that highway. Typically, local highways go under and over trunk roads, trunk motorways, live and disused railways, canals, and private accesses. The bridges may be owned by Welsh Ministers, Network Rail, Canal & River Trust, Natural Resources Wales which now incorporates the Internal Drainage Boards, other public authorities or private owners.

The Authority records these private structures within its Structures Management System along with the contact details of the owners who are contacted should any deficiencies in the structure be reported or identified..

There is a residual responsibility on the authority, in respect of the public using its roads, relating to bridges owned by other bodies. The authority has a responsibility to seek to ensure that other owners are exercising adequate stewardship over their structures. The Highways Act 1980 Section 56 allows proceedings for an order to enforce repair.

Section 130 of the Highways Act 1980 allows proceedings for the protection of public rights and can be used by authorities to enforce another owner to undertake maintenance.

### Structures Over or Adjacent to Operational Rail Lines

When required to undertake inspections or maintenance work on structures over or adjacent to operational railways, the Bridge Manager of the authority is required to adhere to Network Rail, procedures for outside parties. Early notice is necessary to enable the Outside Parties Manager of Network Rail to book track possessions and attendance to facilitate safe access to undertake the work.

### Structures Over or Adjacent to Canals or Navigable Waterways

Inspections or maintenance work on structures over or adjacent to canals or navigable waterways should be carried out in such a way as to ensure the safety of waterway users and the integrity of the waterway. The Canal & River Trust, or the relevant navigation authority may require the Bridge Manager of the Highway Authority to adhere to their procedures. These procedures may be covered in the agreement for the construction of the structure, but in the absence of an agreement or if the agreement is silent, Highway Authorities can use their powers under

Sections 289 and 291 of the Highways Act 1980 to gain entry with compensation being determined in accordance with Section 292. The Canal & River Trust do have a Code of Practice for works affecting the Canal & River Trust. However, there is currently legal advice being sought regarding the implications of this code in respect to Highway Authority structures and works.

The Canal & River Trust require all work which may cause a restriction or closure of the waterway, to be agreed before the 31 March of the current financial year for work to take place in the following financial year.

## Developer Promoted Structures

All proposals for new structures within or over an existing or proposed highway or works which affect existing highway structures will be subject to a formal Technical Approval (TA) process.

Highway managers and District Planning Authorities should inform developers at the outset of development proposals that they must obtain TA for their designs and inform Highway Authorities of the proposals immediately when they become known.

Structures being built as part of any development, irrespective of whether or not they will be maintainable by the Highway Authority, are included in the TA process if they:

- are adjacent to the highway and interfere with the support of the highway or access to it for inspection and maintenance;
- form part of any road that is to be adopted into the highway under a Section 38, Highways Act 1980, agreement; and
- form part of any road that is being built under a Section 278, Highways Act 1980, agreement.

## Utility Companies and NRSWA

The New Roads and Street Works Act 1991 (NRSWA) as amended by the TMA controls and co-ordinates work carried out in the street by utility companies (undertakers). The Act also requires the Highway Authority to take due regard of undertaker's apparatus when planning and carrying out highway and bridge works. It is essential that, before any work in the ground occurs, all statutory undertakers are consulted regarding the presence of apparatus and appropriate notice given.

Detailed interpretation of and guidance on the use of the Act has been published in the DfT New Roads and Street Works Act 1991 and Traffic Management Act 2004; Code of Practice on Co-ordination; Volume 2: Operations and Guidance; Section 5: Street Works near Highway Structures.

Section 50 of the Act contains provisions for issuing licences for apparatus to be installed in the highway by persons other than statutory undertakers, e.g. a private sewer. Advance notice to the undertakers is required to be given by the street authority when such a licence is to be issued and details of the installation are to be recorded by the street authority.

## Obligations of Undertakers

Before carrying out any work, undertakers are required to give notice to the authority (not always the Highway Authority). Designated notice periods are given in the Act or associated Code of Practice. These notification periods are intended to give the street authority an opportunity to consider and comment on the implication of works proposals for the highway infrastructure.

Section 88 of the Act imposes an additional obligation on an undertaker proposing works affecting the structure of a bridge. The undertaker is required to consult the bridge authority before giving the usual notice. The undertaker is required to comply with reasonable requirements for safeguarding the structure.

Section 63 of the Act permits a street authority to designate certain streets as “streets with special engineering difficulties”. Under this section, an undertaker must submit plans and sections for approval by the authority before street works can be undertaken. This is the only time that drawing details are required. The authority has the power to require modifications if considered necessary.

Section 63 of the Act suggests that the designation of streets with special engineering difficulties may be appropriate at bridges where strength, stability, waterproofing and access for maintenance may be affected. The designation need only apply to the structure and the street directly adjacent and includes areas adjacent to retaining walls where stability may be an issue. Designating all structures under this section is recommended because it gives the greatest control over statutory undertakers working in the proximity of a highway structure, although some sub-sections of Section 88 would not apply in this case.

## Obligations of the Street Authority and the Structure Owner

The authority is required to keep a street works register under Section 53 of the Act and to include the streets with special engineering difficulties. All structures that are likely to be sensitive to undertaker’s work should be recorded in the register. The resulting register provides the Bridge Manager with the earliest opportunity to advise undertakers on works likely to affect highway structures.

The Act defines the requirements when undertaking major highway and bridge works. The authority is required to serve notice of the proposed works under Section 58.

Where apparatus is to be diverted for major bridge works (i.e. replacement, reconstruction or substantial alteration of a bridge), the cost of any alterations to the apparatus will be shared providing advanced notice has been served under Section 85 of the Act and the authority pays in advance to the undertaker 75% of the

estimated charge to the authority. The Act and codes of practice make provision for the authority's costs to be reduced to allow for betterment. Also, where the length of apparatus diverted exceeds 100 metres and that apparatus is more than 7 years old a cost adjustment should be made for financial benefit conferred on undertakers by reason of the deferment of the time for renewal of the apparatus. Guidance on the calculation of these sums is also provided in the Act. No costs of diversionary works to apparatus should be borne by the authority when apparatus is placed in the bridge after advance notice has been given. Advance notice may be served up to 10 years in advance of works for the replacement of a bridge and 5 years in advance for all other works. In view of the cost of diverting apparatus, it is recommended that this procedure is followed.

In all cases, there is no obligation on the part of the authority to provide space for additional apparatus in the future. Such an approach may be prudent when reconstructing a structure or carrying out major works in order to minimise problems in the future with inappropriately placed apparatus. Any costs incurred in making provision for additional apparatus requested by undertakers may be charged to them although it is advisable not to allocate spare ducts to undertakers until they need to lay apparatus across the structure.

## Inspection, assessment and recording – structures

### Introduction

Inspection, testing and monitoring should be used to:

- provide data on the current condition, performance and environment of a structure, e.g. severity and extent of defects, material strength and loading. The data enables the Bridge Manager to assess if a highway structure is currently safe for use and fit for purpose, and provides sufficient data for actions to be planned where structures do not meet these requirements;
- inform analyses, assessments and processes, e.g. change in condition, cause of deterioration, rate of deterioration, maintenance requirements, effectiveness of maintenance and structural capacity. The outputs inform asset management planning and enable cost effective plans, which deliver the agreed levels of service, to be developed; and
- compile, verify and maintain inventory data, e.g. structure type, dimensions and location, for all the highway structures the authority is responsible for.

The extent of inspection, testing and monitoring of structures should be determined using a risk based approach. This should consider the position of the structure on the highway network hierarchy and hence, its importance to the overall transport infrastructure, and also the characteristics of the structure itself in terms of its type, material, condition, vulnerability to closure or restriction due to component failure, flooding, impact etc.

Reducing the level of inspection, or increasing the interval between inspections increases the level of risk to the manager/owner of the asset. These changes are only made if it can be evidenced through asset management techniques, such as deterioration modelling that they are justified. The County Surveyors Society Wales (CSS) in association with EXP Consulting have developed a methodology for risk based assessment, referred to as the Risk Based Structures Inspection (6STR). Monmouthshire County is currently using this to undertake an inspection interval risk assessment of the Counties bridge stock.

The Inspection Manual for Highway Structures (Volumes 1 and 2) was commissioned by Highways England and published in May 2007.

The manual contains detailed guidance which covers the following areas:

- The inspection process;
  - scheduling inspections;
  - planning and preparing for inspections;
  - performing inspections;
  - recording inspection findings; and
  - input to maintenance planning process.
  
- Defects, descriptions and causes;
  - Principal causes of defects;
  - Concrete defects;
  - Steel defects;
  - Masonry defects; and
  - Defects in miscellaneous materials.
  
- Investigation and testing;
  - The testing process;
  - Summary of testing techniques;
  - General testing techniques;
  - Tests on concrete;
  - Tests on metal;
  - Tests on masonry;
  - Tests on timber; and
  - Tests on advanced composites.

## Inspection regime

An inspection, testing and monitoring regime should minimise risks to public safety, provide sufficient data for management and make effective use of resources. The mix of techniques used in the regime, and frequencies at which they are applied, should be determined by considering appropriate criteria in an objective manner, e.g. through a formal risk assessment. The criteria should include, but not be restricted to, public safety, the characteristics of the assets, the consequence of failure, the environment the assets operate in, the services provided, typical rates of deterioration and susceptibility to damage.

The inspection, testing and monitoring techniques should be sufficient to:

- identify condition, defects and signs of deterioration that are significant to highway structure safety and management;
- identify any significant changes in condition, loading or environment that have occurred since the last observation;
- assess or provide information for the assessment of stability and serviceability;
- determine or assist the determination of the cause, extent and rate of deterioration; and
- provide information that can be used to support highway structures management, i.e. the identification of needs and associated maintenance works.

The inspection regime should enable any defects which may cause an unacceptable safety or serviceability risk or a serious maintenance requirement to be detected in good time in order to safeguard the public and the structure and implement remedial actions. The regime should consist of a combination of Acceptance, Routine Surveillance, General and Principal Inspections of the whole structure and more detailed Safety and Special Inspections (including Inspections for Assessment), as necessary, concentrating on known or suspected areas of deterioration or inadequacy. Guidance on inspections for highway structures is included in BD 63 Inspection of Highway Structures.

All inspections should result in a report, in a format commensurate with the inspection type, which gives a clear and accurate description of the structure's condition.

A procedure should be implemented whereby the inspector has a clearly defined duty to inform the Bridge Manager, at the earliest possible opportunity, of any defects that may represent an immediate risk to public safety.

### Routine Surveillance

All structures should be subjected to Routine Surveillance as part of regular Highway Safety Inspections carried out by highway maintenance staff. Routine Surveillance is normally undertaken from a slow moving vehicle. Inspectors should immediately report to the Bridge Manager any obvious defects that are apparent from the vehicle which need urgent attention, such as damage to the superstructure and bridge supports of overbridges, damage to parapets, flood damage, insecure expansion joint plates, etc. The Bridge Manager should be satisfied that the frequency of Highway Safety Inspections is suitable for the Routine Surveillance of highway structures and, if unsuitable, decide how to deal with the need for additional surveillance.

All highway structure management and maintenance staff should be encouraged to be vigilant at all times when moving around the network and to report anything that might need urgent attention. The general public should also be informed of the need to report any highway structure defects they feel may pose a risk to public safety.

This is normally best achieved by providing appropriate contact details (e-mail and/or telephone) on the authority's website.

Within Monmouthshire County Council all staff are encouraged to report defects observed through their regular Highway Maintenance Duties to the Bridge Manager

## General Inspection

General Inspections comprise a visual inspection of all parts of the structure (that can be inspected without the need for special access or traffic management arrangements) and, where relevant to the behaviour or stability of the structure will include an inspection of the adjacent earthworks or waterways. Riverbanks, for example, in the vicinity of a bridge should be examined for evidence of scour or flooding or for conditions, such as the deposition of debris or blockages to the waterway, which could lead to scour of bridge supports or flooding. Guidance on General Inspections for highway structures is include in CSS Bridge Condition Indicators Volume 2: Guidance Note on Bridge Inspection Reporting and Addendum to CSS Bridge Condition Indicator Volume 2.

## Principal Inspection

Principal Inspections comprise a close examination, within touching distance, of all accessible parts of a structure, including, where relevant, underwater parts and adjacent earthworks and waterways, utilising suitable access and/or traffic management works as necessary. Closed circuit television, high resolution digital photography/video or drones may be used for areas of difficult or dangerous access, e.g. obscured parts of a structure, confined spaces and underwater inspections.

A Principal Inspection may include a modest programme of tests, when considered necessary, e.g. hammer tapping to detect loose concrete cover or half-cell and chloride measurements to enable risk of reinforcement corrosion to be assessed, tests for cement content and measurements of concrete cover and electrical resistivity of concrete (see Section 7.3 of BA 35).

A Principal Inspection should be of sufficient scope and quality to determine:

- the condition of all parts of the structure;
- the extent of any significant change or deterioration since the last Principal Inspection; and
- any information relevant to the stability of the structure and/or continued use in service and safety.

A Principal Inspection should establish:

- the scope and urgency of any remedial or other actions required before the next inspection;
- the need for a Special Inspection and/or additional investigations; and
- the accuracy of the main information on the structure held in the inventory.



## Special Inspection

There are occasions when a more specific inspection, concentrating on the condition of particular parts of the structure, is required. This is known as a Special Inspection. The need for a Special Inspection normally arises due to specific circumstances or following certain events, for example:

- when a particular problem is detected during an earlier inspection of the structure or of similar structures;
- on particular structural forms or types, e.g. cast iron structures, post tensioned structures, structures strengthened with bonded plates;
- on structures that have loading or other forms of restrictions on use, e.g., restriction of traffic on bridges;
- when the necessary frequency or access arrangements for a particular part of the structure are beyond those available for General or Principal Inspections;
- on bridges that have to carry an abnormally heavy load - inspections may be done before, during and after the passage of the load;
- following a bridge strike;
- following a flood or high river flow to check for scour or other damage;
- to check specific concerns, possibly based on new information, e.g. concerns over the quality of previously used batches of rebar or concrete; and
- where a post tensioned bridge has a regime of Special Inspections implemented as a result of an earlier investigation or a Special Inspection is required in accordance with BA 50 Management of Post-Tension Concrete Bridges, organisation and methods for carrying out Special Inspections.

The Bridge Manager determines when it is appropriate to carry out a Special Inspection. Further guidance on Special Inspections is provided in BD 63 Inspection of Highway Structures.

## Inspection for Assessment

This is another type of inspection, which is carried out before a structural assessment. BD 21 provides guidance on undertaking an Inspection for Assessment.

## Safety Inspection

A Safety Inspection may be undertaken following Routine Surveillance or after information has been received which indicates the structure is damaged and may be unsafe. The Safety Inspection should determine the extent of the damage and whether immediate safety precautions or other action should be taken. A Special Inspection may then follow to monitor the condition and effectiveness of interim

measures and to determine what repair or other actions should be undertaken in the longer-term.

Extreme unplanned events such as storms, high winds and flooding have a significant impact on infrastructure.

All main river bridges are inspected following extreme events such as flooding to check on their integrity.

## Acceptance Inspection

The need for an Acceptance Inspection should be considered when there is a changeover of responsibility for the operation, maintenance and safety of a structure from one party to another. The purpose of an Acceptance Inspection is to provide the party taking over responsibility for the structure with a formal mechanism for documenting and agreeing the current status of, and outstanding work on, a structure prior to handover. The scope of an Acceptance Inspection depends on the circumstances, e.g. handover of a new structure, transfer of an existing structure, handback of a structure after a concession period. Acceptance responsibilities and activities depend upon the form of contract, but the Acceptance Inspection is normally carried out by the party taking over responsibility but who may be accompanied by the other party to facilitate agreement. The Acceptance Inspection should include:

- the identification of any permanent access provisions and features affecting the safety and security of the structure. These should be discussed in detail and agreement reached before handover;
- the identification and handover of all the necessary records, maintenance and operating manuals which have an impact on the future management of the structure; and
- agreement of the date on which the authority takes over responsibility for the structure. The agreement should be recorded in the Structure File.
- 

Acceptance Inspections on new, existing and concession structures should also include the following, as appropriate.

- Handover of a new structure:
  - An Acceptance Inspection should be undertaken for new structures about one month before the issue of the completion documentation or opening to traffic. A Principal Inspection should be used for this purpose. The inspection should identify and record any defects, developing problems and work outstanding under the contract and secure agreement on any works to be completed before handover. This should act as the benchmark for the inspection carried out at the end of the Defects Correction Period and for subsequent inspections.
  - A construction contract normally includes a Defects Correction Period (also referred to as the Period of Maintenance or Defects Liability Period) during which the contractor is responsible for making

good defects that appear. The length of the Defects Correction Period should be specified in the contract.

- An inspection should be undertaken prior to the end of the Defects Correction Period to identify all defects before the expiry of the contractual obligations. The timing of the inspection should be sufficient to allow agreement of the work to be undertaken by the contractor and, if necessary, enforcement of contractual obligations. The inspection may be a General or Principal Inspection depending upon the type and form of the structure and the length of time since handover or the last inspection.
  - Prior to adoption of a new structure, asset information should be obtained, in the appropriate format, and at the appropriate BIM level, for the authority taking over responsibility for a new structure.
  - The ADEPT Bridges Group has published guidance for the calculation of commuted maintenance sums for structures to be adopted or transferred.
  - Authorities may also wish to use the above, or a similar, procedure for accepting major maintenance work.
- Transfer of an existing structure:
    - An Acceptance Inspection should be undertaken prior to an authority taking over responsibility of an existing structure. A Principal Inspection should be carried out as part of the Acceptance Inspection unless the results of a recent Principal Inspection are deemed to be relevant and sufficient. Should there be areas of concern highlighted in the PI such as defects that could impact on the long term durability of the structure then a Special Inspection should be carried out to ascertain the extent and implications of the defect(s) with respect to the structures future lifecycle costs and commuted maintenance sums.
  - Handback after a concession period:
    - An Acceptance Inspection should be undertaken before handback at the end of a concession period, e.g. a PFI or PPP type contract. The inspection should compare the current condition and performance of the structure against the measures specified in the contract. This should include a Principal Inspection unless the results of a recent Principal Inspection are deemed to be relevant and sufficient. This information should be used to identify and agree items of outstanding work to be completed, in order to satisfy the contract measures, before handback. The timing of the Acceptance Inspection should be sufficient to allow agreement of the outstanding work to be undertaken by the contractor and, if necessary, enforcement of contractual obligations.

## Inspection Requirements of Other Owners

Where other owners have structures within the footprint of the highway, they are responsible for ensuring the safety, integrity and adequacy of those structures for

use by the public. Any defects that are observed by the Authority or reported to it on these structures are referred to the relevant body which is either the Canal and Rivers Trust or Network Rail

The Highway Authority only has the power to act to ensure safety in default of action by the other owner when the structure becomes dangerous.

## Frequency of Inspections

The Authority determines the frequency of General or Principal Inspections using the Risk Based Structures Inspection tool (6STR) developed in collaboration with the County Surveyors Society (CSS) Wales and the consultancy EXP. This tool also allows the Safety Inspections intervals to be assessed.

The revised inspection regime and the reasons for more frequent inspections are recorded in the Structure File. The more frequent inspection regime may be limited to a specific element or feature.

It is intended to develop a management plan for those structures that are deteriorating slowly towards the point where they become no longer serviceable. This plan will detail frequencies of inspection, intervention levels, established by risk assessment with the plan being lodged in the Structure File.

Highway structures are long life assets and their constituent components deteriorate at different rates due to a wide range of factors, e.g. material type, construction form, usage, exposure and maintenance. Inspection intervals are assessed and justified using the EXP Structures 6ST Cost Projection Tool Kit

Consideration is given to the type, quality, extent and results of previous inspections, testing, monitoring, structural assessment, etc.

Where accessibility to all parts of a structure is good then it may only be necessary to undertake a general inspection as there would be little difference between the General and Principal Inspection.

A Principal (or Special) Inspection may only be required when the need has been identified by a General Inspection or the inspector cannot get close to all parts of the structure during a General Inspection.

Examples of where a general inspection may need to be supported by Special inspections are in identifying scour problems where water levels preclude an adequate inspection to be made and the assistance of divers is required or in those structures requiring confined space entry.

In the main General Inspections are undertaken bi-annually.

## Risk Assessment

Risk assessments are to be undertaken for groups of similar structures such as masonry or steel. The assessment method will determine the following.

- the likelihood of rapid deterioration or other incidents; and
- the consequence of unchecked deterioration/incidents.

Assessment of the likelihood of rapid deterioration or other incidents should include, but not be limited to, the following criteria where relevant:

- exposure severity, e.g. mild, moderate or severe, and external influences which may cause rapid deterioration or failure, e.g. significant change in use (above, adjacent or beneath), loading that exceeds existing restrictions, stray current/electrical corrosion;
- current condition and level of contamination, e.g. chlorides or carbonation, and how these conditions may influence the rate of deterioration. The age of the structure may also be considered;
- material type and the typical rate of deterioration for the observed deterioration mechanism. Many defects are known to take many years to develop to the point where they require maintenance or present a risk to structural integrity or public safety. The maintenance/repair history of the structure should be taken into consideration and structure specific characteristics such as fatigue-prone details and susceptibility to scour damage, should be considered;
- severity and extent of damage due to incidents, such as vehicle impact, scour and vandalism, and whether this is likely to lead to further deterioration before it is repaired;
- potential mode of failure, e.g. brittle or ductile failure;
- extent of failure, e.g. local or global failure;
- structural form and age; and
- visibility / access to critical elements.

Assessment of the consequence of unchecked deterioration and other incidents should include, but not be limited to, the following criteria where relevant:

- consequence of failure of the structure or its elements, e.g.
  - the likely number of fatalities and casualties based on the size of the structure and traffic volume on the route crossed and obstacle crossed;
  - traffic delay costs incurred through diversions/congestion based on the route type and availability of diversion routes;
  - socio-economic impact based on the location of the structure and the community served, e.g. industrial, business or residential;
- increased costs due to unchecked deterioration/incidents resulting in more expensive maintenance work at a later date; and
- to determine in so far as is reasonably practicable based upon the available information and interpretation, when to intervene to close the structure or the road to ensure public safety.

The risk assessment should be recorded in the Structure File and agreed by the Bridge Manager before the frequency of inspections is changed. The validity of the

risk assessment should be re-confirmed and recorded by the Bridge Manager after each Principal Inspection or when any other significant change in the condition of the structure becomes apparent.

## Tunnels

The authority is responsible for two tunnels within Monmouthshire one is located in the garden of a private residence and is sealed off and another which can only be accessed from within a council depot is used by a third party group licenced to use the facility. Neither of the structures form part of the Highway Infrastructure and cannot be routinely accessed by the general public.

## Inspection of Mechanical and Electrical Equipment

Mechanical and Electrical (M&E) equipment associated with highway structures includes, but is not limited to, lighting and ventilation in road tunnels, lighting in pedestrian underpasses and hydraulic rams on moveable bridges. The stewardship of this equipment may be the responsibility of the Bridge Manager.

An appropriate regime of inspection (and testing) of M&E equipment should be established. The inspection regime should be commensurate with the manufacturer's recommendations.

Useful guidance on the inspection and testing of M&E equipment associated with highway structures is provided in Series 7000 Mechanical and Electrical Installations in Road Tunnels, Moveable Bridges and Bridge Access Gantries MCHW.

## Monitoring

Monitoring is the periodic, or continuous, measurement of structural behaviour by visual / electronic means, or other means to record data on deterioration and performance, e.g. deflections, strains and crack sizes. There are many instances where measurements can usefully be repeated periodically, or in rare circumstances taken continuously, so that condition and performance can be monitored over time.

## Need for Monitoring

Key reasons for undertaking monitoring include:

- during construction to check behaviour;
- after construction as an aid to the future maintenance management;
- where deterioration or damage has occurred and it is necessary to check for further loss of strength, condition or performance;
- on structures that, when assessed to modern codes, have a load-carrying capacity that is below current standards but do not appear to be suffering distress; and

- to determine safety to remain in use.

## Selection of Monitoring Techniques/Design of Monitoring Systems

Monitoring covers a wide range of applications, from determining the ingress of chlorides into concrete over a period of years to the transient behaviour of a structure as a heavy vehicle passes over it. Typically, monitoring systems may be put in place to determine long-term movements, crack growth, changes in strain (either long-term or short-term) or the corrosivity of the environment.

The techniques used depend on the reasons for monitoring, which should be clearly defined at the outset. The aim should be to install the simplest monitoring system that meets the objectives, providing it is sufficiently robust for the specific location. The following issues should be considered when selecting a monitoring system.

- External factors
  - When devising a monitoring system consideration should be given to monitoring the external factors that may influence the property being measured. Temperature, for example, has a major influence on both structural behaviour and the various deterioration mechanisms that occur in highway structures.
- Data collection frequency
  - Where access is difficult or more frequent measurements are required, e.g. to monitor changes due to temperature, it may be necessary to install sensors that can be connected to a data logging system. This is particularly advantageous in those cases where access causes traffic disruption. It is important to consider how the data will be collected, e.g., it could be downloaded locally by visiting the site, or remotely through telephone lines.
  - The interval between readings depends on what is being monitored and the rate at which it is likely to change, e.g., it might be appropriate to repeat certain types of measurement, such as the determination of chloride concentration, every time a Principal Inspection is carried out. Other types of measurement might need to be repeated more frequently, e.g. monitoring crack widths might require weekly or monthly measurements. Monitoring temperatures or strains might require measurements every hour and recording transient strains might require measurements to be taken several times a second.
  - Most monitoring systems can collect data at regular intervals for the period of the monitoring but in other cases data is collected only when an event triggers the monitoring system. An example is the detection of wire fractures in post-tensioned structures using acoustic monitoring. The structure is monitored continuously but data is recorded only after an acoustic event is detected that has the characteristics of a wire break. Another example is the measurement of stresses under traffic loading where the monitoring system is triggered by heavy vehicles and data is collected only during their passage over the structure.

- Monitoring systems can also be designed to process data as it is being collected from the instrumentation. With this setup, if the system is connected by telephone or other transmission system, it can be designed to act as an early warning device, automatically issuing an alarm when pre-defined limits of the parameters are reached. This type of system can be used effectively as part of a risk management strategy.
- Scour
  - BD97 outlines requirements for the assessment of scour and other hydraulic actions at highway structures crossing or adjacent to waterways. It provides processes to determine the level of risk associated with scour effects. It also includes processes to assess the robustness of structures in a flood, and references to measures for reducing risk.
  - Advice on the monitoring of highway structures for scour is given in Manual on scour at bridges and other hydraulic structures.
  - Scour monitoring and inspection is not straightforward because scour is not normally visible during a flood and scour holes often fill in during the falling stages of a flood. As a result it can be difficult to assess in flood conditions the magnitude of scour holes and determine whether the structure is safe.
- Retaining walls
  - Monitoring the performance of retaining walls can be carried out by measuring movements directly, but sometimes it is more appropriate to use inclinometers, or electro-levels. Loads and moments in walls can be measured using pressure cells and strain gauges. Associated behaviour of the nearby ground can be monitored using inclinometers, pressure cells and piezometers. Installation and monitoring of these devices is a skilled operation and recourse should be made to a specialist.
- Installation
  - Key issues that need to be addressed when considering the installation of a monitoring system include:
    - Environment of installation;
    - Maintenance and power supply;
    - Data logging capacity; and
    - Protection against vandalism.

Details of the monitoring system should be included in the Structure File and Health and Safety File, if appropriate, so that others working on the structure are aware of its presence.

## Monitoring of Sub-standard Structures



Advice on the monitoring of structures that fail a strength assessment is given in BD 79 Management of sub-standard structures. Monitoring interim measures can avoid the disruptive effect of applying load mitigation interim measures.

### **Evaluation of Monitoring Results**

Within Monmouthshire certain structures such as Chainbridge are monitored with reference to deterioration levels based around a traffic light system of Red Amber and Green. Any elements moving from Amber into Red, trigger implementation of remedial works.

### **Recording and Reporting of Monitoring Results**

A detailed record is kept of the monitoring system. The record includes objectives of the monitoring, the equipment used, the location and position of sensors and data logging system (where appropriate), procedures for maintaining the system and collection of data, where the data is stored and how it is analysed.

Where necessary, sensors are calibrated before use and the calibration records maintained in the Structure File for future reference.

Action plans are developed as part of a Monmouthshire's management approach to highlight the required interventions when trigger levels are breached.

### **Competence and training**

Highway structures management is carried out by suitably qualified and experienced civil engineers and on-site work (including inspections, testing and maintenance) is carried out by appropriately qualified, trained and experienced personnel.

Continuing Professional Development (CPD) and training for Bridge Managers, engineers, inspectors and other staff is actively promoted and encouraged.

Contractors are also required to demonstrate that their personnel are adequately trained and competent for the work they undertake in relation to highway structures.

### **Bridge Inspection Competence**

Monmouthshire recognises that a bridge inspector should have the following competences and is active within the CSS Wales Bridge Group in developing a course for Welsh Bridge Inspectors which will support this knowledge base.

- structures types and elements / behaviour of structures;
- inspection process;
- defects descriptions and causes;
- investigation and testing; and
- repair techniques.

## Assessment of structures

The purpose of the assessment of a highway structure is to determine the ability or capacity of the structure to carry the loads which are imposed upon it, and which may reasonably be expected to be imposed upon it in the foreseeable future. The assessment provides valuable information for managing the safety and serviceability of highway structures.

Apart from structures under a BD79 review which are reviewed every two years an ad-hoc approach is adopted to the review of those structures to establish the need to assess, or update the assessment of, all structures which have not been designed or previously assessed to current standards.

The results of assessments and structural reviews are recorded, together with relevant data and assumptions within the Bridge Management System.

### Structural Review

A review of an individual structure or group of structures, within the structures stock, to establish or confirm the validity of its latest assessment (or its original design if there has been no subsequent assessment) is termed a 'structural review'. A structural review should consider all available current information, taking account of the known condition of the relevant structures, their inherent strengths and weaknesses and anticipated effects of any changes, including changes to assessment standards. A structural review should not normally require detailed analysis of particular structures.

Assessment and structural review are key elements of the management process for highway structures to check their safety and serviceability. All structures are therefore assessed or reviewed against current national standards.

### Assessments

Since detailed assessments require considerable effort, an assessment should only be undertaken when a structural review has identified the need for assessment.

The assessment should take account of all available information about the structure including its service performance. In addition, an 'Inspection for Assessment' should be performed to establish the current condition of key structural elements as accurately as is practicable.

The scope of assessment and method of analysis used should be commensurate with the form of the structure, information available and the consequences of a potential shortfall in the assessed load bearing capacity. Assessment of simple structures not showing signs of distress, particularly if details of the hidden parts of the structure are unknown, may be based solely on inspection as permitted by current standards.

This would include mass concrete or masonry retaining walls that did not show signs of bulging, cracking, deformation, tilting etc.

Assessment should generally be carried out initially using simple but conservative analytical methods. Where the adequacy of a structure cannot be confirmed, or falls short of requirements using simple methods, progressively more precise and advanced methods should be employed where it is judged that a desired increase in assessed load bearing capacity might reasonably be achieved.

## Structural review and assessment regime

BD101 provides a system for Structural Review and Assessment of structures, which links the assessment and inspection processes.

The future management of highway structures should include a regime of ongoing structural reviews to ascertain their adequacy to support imposed loads. Such reviews should be undertaken when significant events occur that could increase the imposed loads above those previously assessed for and/or reduce the load bearing capacity of structures. A structural review should be undertaken, for example, when one or more of the following conditions or events occur:

- the structures are known or suspected to have load bearing capacities below those deemed to be appropriate for the class of highway supported;
- there is a significant change in the regulations governing the configurations and weight limits of vehicles which may use the relevant highway. The impact of such changes would generally have been assessed by Welsh Government and guidelines issued to authorities on the actions to be taken;
- the hierarchy of the road carried by the structure has changed or is proposed to be changed. The change may modify the density and type of traffic carried resulting in a change to the 'loading class' defined in BD21 The Assessment of Highway Bridges and Structures;
- records of the original design or subsequent assessment do not exist or have become discredited;
- the structure has been modified or is proposed to be modified;
- the structure is on a route proposed for an abnormal load movement, either a Special Order vehicle or an un-common STGO vehicle, for which the structure has not been previously assessed;
- significant deterioration or damage has been identified by an inspection. Conditions considered would include those found in structures such as arches which may be susceptible to changing condition factors; and
- structural reviews are recommended to follow alternate Principal Inspections when these are done at the frequency included in the Inspection Manual for Highway Structures. Where Principal Inspection intervals have been changed, the interval for structural review should also be determined and noted on the Structure Files.

Many highway structures have already been assessed. MCC intend to develop a prioritised programme of structural review to establish the validity of existing assessments, the appropriate periods of review and the need for new assessments for structures that have not been assessed to current standards. The following priorities are suggested in the absence of any other information:

- structures with suspected load bearing capacities below those deemed to be appropriate for the class of highway supported;
- structures built prior to and including 1975, unless known to have been designed to Technical Memorandum (Bridges) BE 1/73 Reinforced Concrete for Highway Structures where appropriate. 1975 broadly corresponds to the cut off for Stage 2 of the Overseeing Organisations' assessment programme in the 1990's, which picked up bridges not designed to the reinforced concrete shear design rules in BE 1/73;
- reassessment of structures that have passed the 40 tonne Assessment Live Load requirement, to determine their capacity to carry abnormal loads. BD 86/11 The Assessment of Highway Bridges and Structures for the Effects of Special Types General Order (STGO) and Special Order (SO) Vehicles is a relevant consideration when assessing bridges for abnormal loads;
- structures built between 1975 and 1985. This period saw significant increases in the HA (normal traffic) loading associated with HB (abnormal) loading and the implementation of BS 5400; Steel, concrete and composite bridges; and
- structures built after 1985, if deterioration or other factors indicate the structure may not meet the required operational load bearing capacity and structural integrity may be compromised. Current highway design loading has remained effectively unchanged since BD 37 Loads for Highway Bridges was first published in 1988. However, during the previous two to three years various interim design standards were in place such that 1985 is believed to represent a reasonable date to assume for the introduction of the current design loading criteria.

The ADEPT Guidance Document on the Implementation of Structural Eurocodes was published in December 2010. This document is a relevant consideration when undertaking structural assessments and/or strengthening.

## Assessment process

### Initial Appraisal

Most assessments require an initial appraisal to establish what level of assessment is required and whether any additional information in the form of further inspections or testing is needed. The form of this appraisal may vary, but may include a Level 1 analysis.

When sufficient information has been obtained, the appropriate scope of the assessment should be formally agreed between the overseeing manager and the assessor and be subject to a Technical Approval process. The appropriate scope of assessment may range from a judgement based simply on the Inspection for Assessment, as allowed by BD 21 The Assessment of Highway Bridges and Structures, to a detailed structural analysis of all parts of a structure based on information from records, inspections and investigations.

Structures that have not previously been assessed generally require an assessment of all load bearing elements. Assessments arising out of identified local damage and/or deterioration may only require assessment of a limited number of elements that lead towards the design of a suitable repair. Depending on the circumstances, there may be variations in traffic loads that may need to be considered.

### **Inspection and Testing for Assessment**

The report on the Inspection for Assessment should include the observations made and comment on the condition of the structure, giving the condition factors required by BD 21 The Assessment of Highway Bridges and Structures. If the condition has deteriorated since the previous inspection, a statement should be included on its importance and, if appropriate, how the deterioration should be taken into account in the assessment calculations. For example, a condition factor might be used or the assessment might be based on a deteriorated (smaller) section of structural elements.

### **Technical Approval**

Technical Approval is the formal arrangement by which the Technical Approval Authority (TAA) agrees the basis on which a structural design or assessment is to be carried out. It confirms the scope and level of the assessment together with the standards to be used and the forms of analysis models that are to be used. Technical Approval extends to formal acknowledgement of completion by the acceptance of appropriate certification. Guidance on the Technical Approval process is given in BD 2 Technical Approval of Highway Structures.

Currently an ad-hoc approach is adopted in respect of Technical Approvals, however a more formalised approach is being developed which will see a specific organisation being formally appointed to act as the TAA.

The authority and the TAA should jointly maintain an up-to-date list of current design and assessment standards similar to those listed in Annex B of BD 2.

### **Formal Assessment Analysis**

The analysis of a structure to determine its load bearing capacity should employ an approach that is appropriate for the structural form and materials as recommended by national standards.

The three Levels of Assessment as defined in BD79 The Management of Sub-standard Highway Structures should be considered, and are summarised in Table 8 below.

Table 8

Level	Requirement
1	Use of simple analysis methods and full partial safety factors from appropriate assessment standards to produce a conservative assessment
2	Use of a more refined analysis model such as grillage or finite element models. Also allows the determination of actual characteristic strengths based on existing test data deemed to be relevant to the particular structure.
3	Allows the use of Bridge Specific Assessment Live Loading (BSALL). Also allows the use of characteristic strengths or worst credible strengths based on testing of samples of materials from the structure.

The level of analysis should be appropriate to the circumstances. Where initial assessment does not provide the required confidence in the structure, progressively more advanced methods should be employed, taking into account the cost of more advanced analysis and the benefits that might reasonably be gained.

Level 1 may be used for initial assessments, leading to subsequent Level 2 or 3 assessments. Level 1 should only be relied upon as a definitive assessment if it clearly demonstrates the required load bearing capacity of the structure.

Levels 2 or 3 generally provide the degree of confidence required to establish the load bearing capacities of most structures. The additional testing associated with Level 3 should be dependent on whether or not such evidence might reasonably increase the assessed load bearing capacity to a level which is considered appropriate or desirable for the particular structure.

Where practicable, assessment should include an estimate of any reserve load bearing capacity of the structure. Where there is likely to be ongoing deterioration of a structure, assessment should include the determination of critical condition factors.

Where the assessment indicates that a structure is substandard in relation to the requirements of current standards, remedial options should be considered, appraised and a final action recommended. Interim measures (including those necessary to protect the structure and the public) to be taken prior to the implementation of the recommended remedial action, including restriction of use or monitoring if appropriate, should be recommended. All decisions taken need to be appropriately documented.

#### Assessments for abnormal loads

The principles of managing abnormal loads are dealt with in Section A.4 of this Code. This section contains information specifically related to structural assessments.

Assessment for the effects of abnormal loads on bridges and other highway structures should be carried out in accordance with BD 86. This standard is based upon a series of “SV” loading models which more closely model the behaviour of real heavy vehicles than the old HB model, and defines how a Reserve Factor should be calculated for each acceptable vehicle.

BD 86 also provides guidance for converting existing HB ratings to equivalent SV ratings to aid correlation of such ratings with the effects of real vehicles. However, this is necessarily conservative and reassessment to BD 86 should be considered for critical bridges.

For Special Order movements (greater than 150 tonne) and, in some special cases, for General Order movements, detailed assessments may be required for particular structures where no alternative route is readily available.

In such cases, for bridges, consideration may be given to limiting Dynamic Amplification Factors and the effects of normal traffic, which might be on a bridge at the same time as the abnormal load. Guidance for such assessments is provided in Annex D of BD 86.

Where an initial assessment shows that the load effects induced by an abnormal load marginally exceed the capacity of a bridge on the route, it may be possible for the abnormal load to safely cross the bridge provided the speed of the vehicle is restricted and other normal traffic is kept clear of the bridge when the abnormal load crosses it. Checks for such situations can be made in accordance with the procedures given in Annex D of BD 86.

An engineer with good experience of Highway Structure Assessments shall undertake the role of Structures Advisor, to whom the Abnormal Loads Officer should refer decisions relating to vehicle movements which fall outside the agreed guidelines which otherwise determine whether or not particular vehicle movements should be accepted.

## Recording of assessment results

### Assessment Report

Structural assessment results should be fully detailed in a formal report which should consider providing the following information:

- the name, location and any formal identification number of the structure;
- for bridges, details of obstacles crossed and roads carried;
- the date and reason for the assessment;
- an overview of the method of analysis including a description and diagram of any computer model used;
- any appropriate geological assumptions and parameters;

- loading details;
- level of assessment;
- overall assessed load bearing capacity;
- identification of any critical elements of the structure;
- all condition factors used and if relevant, the pavement condition or other variable factors which formed part of the assessment;
- recommendations in respect of any elements having an assessed load bearing capacity below that required or considered desirable;
- guidance on timescale for which the assessment results are expected to be valid and the date or specific circumstances for undertaking a subsequent structural review; and
- the signed AIP and accepted certification should be included in an appendix together with the assessment calculations or reference to other documents containing the calculations.

### **Basic Records for the Bridge Management System**

The basic results of an assessment should be recorded in a standard format common to all of the structures for which the authority is responsible. Ideally the record would take the form of an electronic database.

The level of detail transcribed from the assessment report into the database should be defined by the Bridge Management System adopted by the authority. This could include basic details of each structure including location, form of structure, details of road(s) carried, span arrangements, and designed or assessed load bearing capacity.

Where the results of the assessment are dependent on variable factors such as pavement condition, as allowed by BD 21, there should be a clear feedback to the Highway Authority to ensure that the ongoing requirements form part of the planning process for periodic maintenance. In such cases, committing to a protocol that ensures good stewardship of the surface quality can lead to the benefit of an increased load bearing capacity rating for the bridge. However, poor condition should generally be assumed if that commitment cannot be assured.

Information on reserves in load bearing capacity is used to inform decisions on structures management as required but no formal schedule is available.

### **Additional Records for Critical Structures**

A structure that has a load bearing capacity below those of others on a particular section of road is termed a 'critical structure'. This is a technical term unrelated to the HIAMG definition of 'critical infrastructure'. If the load bearing capacity of a critical structure is below that required for unrestricted normal traffic (typically the 40 tonne Assessment Loading defined in BD 21), it will effectively restrict the whole section of the road to this weight limit. Alternatively, a structure may be critical with respect to the movement of abnormal loads. In either case, it is useful to record additional information from the assessment to aid consideration of what vehicles should or should not be allowed to use the road.



## Interim measures and management of substandard structures

A structure which does not meet the requirements of standards used in its assessment is termed a 'substandard structure'. The assessment of a substandard structure should identify the appropriate remedial action required to maintain its safety.

Prior to strengthening or replacement, all substandard structures should be considered as representing a risk to the public. Where such works have to be deferred, detailed risk assessments should be undertaken and where appropriate interim measures should be implemented as soon as possible.

If there is deemed to be an immediate risk to public safety, BD 21 and BD 79 require that formal interim measures which would effectively mitigate the risk, be put in place until the identified remedial action is implemented. These measures may include:

- weight or width restrictions plus monitoring;
- propping or temporary bridge plus monitoring;
- closure and diversion of traffic; and
- deterring vehicles over-running substandard areas of structures.

BD 79 also provides guidance on the short to medium term management of structures where the immediate application of any of the above measures may not be practicable.

In particular BD 79 provides guidance on the use of weight restrictions and/or the application of monitoring to appropriate structures, and provides a Technical Approval framework for agreeing such measures.

BD 79 indicates that structures that satisfy **all** the criteria in 1, 2 and 3 below and additionally small span bridges as described in 4, may be considered to be appropriate for monitoring subject to Technical Approval.

1. Structures with no significant signs of distress, or structures where distress is observed which does not appear to be recent or significant and detrimental to the safety of the structure.
2. Structures where failure is likely to be gradual over time, progressing from local signs of distress to more extensive failure before reaching the point where total collapse is precipitated. It must also be possible to predict the mode(s) of failure under traffic load with reasonable certainty.
3. Structures and situations where monitoring would be meaningful and effective.
4. Bridges of spans less than 5 metres where the consequences of failure are low.

## Programming and priorities – structures

### Introduction

The general principles to be applied to programming and priorities are outlined in Part A of this Code, with this section covering guidance relating to structures.

Highway structures are exposed to a wide range of naturally-occurring and man-made factors that lead to, or directly cause, deterioration. In addition, the highway network is a dynamic system with changing user demands, some of which may be reflected in changes to codes and standards. The purpose of maintenance is to repair damage caused by deterioration, vehicle impact or vandalism, slow down or prevent the deterioration process and, where appropriate, meet the changing demands of users.

The purpose of maintenance planning and management is to enable the Bridge Manager to develop and implement cost effective and sustainable maintenance plans for highway structures that support the safe operation of the network while delivering the required asset performance and levels of service. The maintenance planning and management process enables the Bridge Manager to deliver the authority's long term goals and objectives by developing maintenance plans that align with and provide detail to the work volumes and phasing identified in the Asset Management Framework.

Maintenance planning should adequately support the safe operation of highway structures. Performance levels should be identified at which a structure or component is considered to be sub-standard and which, if left unmanaged, may result in the structure becoming unsafe. Identifying minimum safety and performance levels assists the prioritisation of needs and development of maintenance plans.

Authorities should be suitably prepared for urgent safety and stability concerns and emergencies and deal with them effectively when they occur. An emergency response procedure should be developed for this purpose and documented, and an associated emergency budget determined.

### Classification of work types

An important feature of maintenance planning is the appropriate classification of all items of maintenance work. Classification provides a beneficial tool for analysing the workbank and removing appropriate work types from the Value Management and Value Engineering phases, i.e. regular and reactive maintenance. Eleven work type definitions grouped under three headings are given below that cover the majority of operational activities. These work types and the terminology should be used to provide clarity to work volumes identified in plans, i.e. Asset Management Framework, Forward Work Plan and Annual Work Plan.

#### 1. Regular Maintenance

- a. Inspections – covers all inspection types, i.e. Safety, General, Principal and Special. Inspections include confined space inspections, boat inspections,

underwater inspections and special follow-up investigations identified from the inspections;

- b. Structural Reviews and Assessments – structural reviews should ascertain the adequacy of structures to carry the specified loads when there are significant changes to usage, loading, condition or the assessment standards. A review should identify structures which need a structural assessment. An assessment quantifies the load bearing capacity of the structure in accordance with the appropriate current standards;
- c. Routine Maintenance – minor work carried out on a regular or cyclic basis that helps to maintain the condition and functionality of the structure and reduce the need for other, normally more expensive, maintenance works. Examples of routine maintenance common to highway structures include cleaning out expansion joints and drainage systems, greasing of metal bearings, removal of vegetation, removal of blockages in watercourses including removal of silt; and
- d. Management of Substandard Structures – normally constitutes implementing interim measures to protect users of substandard structures and may include monitoring. Guidance is given in BD79 The Management of Sub-Standard Highway Structures.

## 2. Programmed Maintenance

- a. Preventative Maintenance – work carried out to maintain the condition of the structure by protecting it from deterioration or slowing down the rate of deterioration. Preventative maintenance is justified on economic grounds because it provides minimum whole life cost maintenance. By timely intervention preventative maintenance reduces the need for essential work and/or the likelihood of essential work arising prematurely in the future. Examples of preventative maintenance include re-pointing, repainting, minor defect repairs, silane impregnation, cathodic protection and re-waterproofing. Re-surfacing is not included because it is considered to be a road maintenance activity;
- b. Component Renewal – renewal of components that have a finite service life, e.g. bearings and expansion joints;
- c. Upgrading - work that brings an existing structure up to the appropriate current standard, e.g. strengthening, upgrading parapets, waterproofing. The work may have resulted from a change to standards or a change in requirements for the structure, e.g. enhanced network levels of service;
- d. Widening and Headroom Improvements – increasing the width or headroom of the existing structure. These improvements are generally considered to be network issues unless arising due to structural maintenance requirements; and
- e. Replacement – a structure/component is replaced when it reaches the end of its useable life, excluding cyclic Component Renewal item (2b) above. The replacement structure/component restores the full design performance of the structure/component it replaces (if the performance is enhanced it is classified as an upgrade – item (2c) above).

### 3. Reactive Maintenance

- a. Emergency – work that must be dealt with immediately due to the high risk the situation poses to public safety, e.g. caused by accidents such as bridge strikes; and
- b. Essential Maintenance – major structural repair work and especially that undertaken when part or all of a structure is considered to be, or about to become, structurally inadequate or unsafe, or unpredictable in its deterioration. Examples of essential maintenance include major concrete, masonry and steelwork repairs, and scour repairs.

#### Inputs to the planning process

Maintenance planning and management is an on-going activity and as such, requires up-to-date and relevant information on structural condition and performance, to ensure the correct work is being planned and to assess the effectiveness of previous work. Relevant condition and performance inputs to the maintenance planning and management process include, but are not restricted to:

- **Inspection, testing and monitoring** – inspections, primarily General and Principal Inspections, generally provide the most up-to-date and comprehensive data on the condition of highway structures, and as such are a key input for maintenance planning. Inspections are sometimes supplemented by testing and monitoring;
- **Assessment of structures** – structural reviews identify structures that require a structural assessment, while structural assessments identify sub-standard structures. Resources are required for the structural reviews and assessments and for dealing with sub-standard structures. These should be taken into account in the planning process; and
- **Other** – may include incidents, emergencies and reports from the police or public, e.g. bridge strikes, scour damage from a flood, loose bricks.

The above data enables a response to any urgent needs or emergencies and to plan work based on the actual current condition and performance. It also allows the maintenance planning process to provide the essential detail to the generic work volumes and phasing produced by the long term asset management planning process.

#### Determine current performance

The asset inventory, condition and performance data help to determine the current performance of the highway structures. Much of the information is in a format that can be readily used for identifying needs.

The current performance is determined for individual elements and/or structures using absolute measures, e.g. severity and extent of a defect or assessed capacity of a structure.

## Identification of needs

The purpose of this task is to identify and document all maintenance required on highway structures and the associated cost estimates. The documented maintenance needs and costs are referred to as the structures workbank. The structures workbank forms the basis of the subsequent Value Management and Value Engineering processes.

A formal approach to the identification of needs should be developed but the Bridge Manager should be aware that maintenance needs can arise due to a wide range of factors, some of which may not be covered by a formal approach. Common criteria that should inform the identification of needs are:

- assessment of condition and performance data by a suitably qualified and experienced engineer to identify needs;
- development of lifecycle plans to identify maintenance cycles and intervention thresholds; and
- identification of regular maintenance needs (e.g. inspections, structural reviews and assessments and routine maintenance) and planned improvement/development schemes.

The following sections describe the above criteria in more detail.

### Condition and performance data

The condition and performance data is reviewed periodically by a suitably qualified and experienced engineer to identify maintenance needs. General Inspection pro forma are reviewed and are to be proposed to be signed off within four months of the inspection.

### Lifecycle plans

MCC is developing its Lifecycle plans which will be used to identify needs on specific structures and elements. The cyclic/intervention rules established in the lifecycle plans are compared against the current condition and performance of a structure/element and the specific characteristics of the structure are assessed to determine if the lifecycle plan activity is appropriate, i.e. the lifecycle plans should be used as general guidance when identifying specific maintenance needs.

Where appropriate, lifecycle plans should be amended through the maintenance planning process because the bridge engineer is undertaking a more detailed review of needs compared to asset management planning. Such amendments should then be passed back to asset management planning to improve long term work predictions. A lifecycle plan should be developed for each structure group/sub-group. Refinement of the groups and sub-groups may prove beneficial as it allows greater management planning control through more targeted lifecycle plans, but more knowledge of deterioration rates and mechanisms is required.

Lifecycle plans should be developed using whole life costing, if appropriate, in order to establish the most cost-effective approach. Whole life costs should not be the sole consideration and other issues such as asset performance and network safety should also be considered where relevant.

In Wales, guidance and lifecycle planning tools are available to members of the SCOTS/CSSW Roads Asset Management Project group via the RAM Knowledge Hub. Cost projection tools are available for structures and other asset types.

## Structures Workbank

The structures workbank is a database of all work that is currently outstanding on the network, including estimated costs for doing the work. It includes a volume of work to cover re-active maintenance which is based on past experience and engineering judgement. The workbank is developed from information gathered from the Authorities 6ST Structures Cost Projection Toolkit.

The workbank aims to provide a full list of all maintenance required on the structures stock and provides the following information for each item of work:

- name and number/reference of the structure;
- element where work is required;
- defect, including severity and extent (if appropriate);
- required work;
- work type;
- recommendation for when the work should be undertaken, i.e. which year; and
- estimated cost.

The full list of information is taken forward to the Value Management and Value Engineering phases. Once work has been undertaken it should be identified as completed and removed from the workbank.

## Value management

Value Management needs to be further developed within Monmouthshire in order to better prioritise the identified needs compiled in the structures workbank.

This process is the planning (including value engineering if appropriate), scheduling and implementation of non-value managed work. The workbank identifies all work, not only value-managed work, and all the work needs to be appropriately managed.

Value Management should be used because it provides a formalised approach for assessing the benefits of undertaking maintenance and the associated risks of not undertaking maintenance. The risks and benefits should cover hard issues, e.g. condition and assessed capacity, that can be assessed objectively and soft issues such as local importance, customer feedback and synergies with other work that may need to be assessed subjectively.

The outcome of the Value Management process should be a prioritised list of actions in the structures workbank that is taken forward to the Value Engineering process. It should also identify where there will need to be an option appraisal in the Value Engineering process.

Value Management should not be a complex and overly involved process. It should cover the appropriate criteria in a manner that enables engineers readily to compare and identify a priority score.

The full Value Management process is only appropriate for major schemes. A simplified process should be used to deal with common types of moderate and minor maintenance and this is one tasks which will be reviewed .

## Value Management Regime

MCC will develop a Value Management regime identifying the frequency of review and the approach to be taken. The regime will identify:

- **Value Management frequency** – The review frequency will be
- **Prioritisation criteria** – the criteria considered during the Value Management process to prioritise needs. They may be objective or subjective in nature; and
- **Value Management review** – the review will be undertaken by the Bridge Manager and the Assistant Engineer Structures.

## Prioritisation Criteria

Prioritisation will be undertaken using the CSS Wales 6ST Structures Toolkit.

The Value Management process should include a range of prioritisation criteria that are appropriate to the characteristics of the highway structures stock and network. As a minimum, prioritisation criteria should be considered that relate to the following three categories:

- **Safety and functionality** – criteria in this category should seek to use information from the asset inventory and database to rank the importance of the need. Examples of criteria that could be considered are structure type, structure location, route carried, obstacle crossed, element condition, assessed capacity, height restriction and traffic flow restrictions. The criteria considered should influence the prioritisation score in an appropriate manner, e.g. as condition deteriorates the prioritisation score increases, as route classification increases the prioritisation score increases;
- **Benefits and dis-benefits** – criteria in this category should seek to quantify in a simplified manner, the benefits and dis-benefits produced by addressing and not addressing a need. It may be more appropriate to use engineering judgement rather than an automated procedure. If the former approach is used it should be guided by a simple classification procedure, e.g. High, Medium or Low benefit/dis-benefit. Examples of benefits/dis-benefits that

should be considered include lower or higher whole life costs, reduced or increased journey times, minimisation of network disruption, and integrating work items to achieve cost savings; and

- **Socio-economic and environmental** – criteria in this category should cover the softer issues that cannot be readily quantified by an automated prioritisation process, e.g. local policies, user/customer perception, impact on local communities and businesses, environmental impact and sustainability considerations. A formalised approach should be developed that allows the reviewer, or workshop attendees, to quantify criteria easily, e.g. High, Medium or Low impact.

Many of the above criteria can be assessed through a formalised risk analysis and risk assessment approach.

During the development of the Value Management process, careful consideration should be given to the weighting of each criterion. While it is recognised that safety will be a motivating factor other issues should be addressed to ensure a balanced work programme, e.g. priorities of the Asset Management Framework. Otherwise the process may focus solely on more apparent maintenance needs and fail to address preventative maintenance requirements. The system should also provide robust and justifiable prioritisation scores.

## Value Management Review

The prioritisation criteria will be reviewed, the review will be undertaken by the Bridge Manager and the Assistant Engineer Structures.

The review will assess each need in turn and give it a final prioritised score. The starting point for the review/workshop may be:

- **Un-prioritised workbank** – in this case the review/workshop must address all the prioritisation criteria. It is advisable to use a small number of important criteria in order to avoid the review becoming overly complex; and
- **Semi-prioritised workbank** – in this case an automated prioritisation would have already been performed based on the asset inventory and database information (primarily using the safety and functionality criteria). The review or workshop should therefore concentrate on the softer prioritisation issues that may not be appropriate for automation, e.g. **socio-economic and environmental**.

The cost estimates for the prioritised needs are compared against the 1 to 3 year funding plan. Starting at the top of the prioritised list, i.e. taking the most critical need first, the cost estimates are added together until they equal the 1 to 3 year budget.

## Value engineering

Value Engineering is the process of developing an optimal solution to a maintenance need and reducing waste and inefficient aspects of design, construction and maintenance



Value Engineering takes the prioritised needs from the Value Management exercise and creates cost effective schemes that can be planned, scheduled and implemented.

The two key components of Value Engineering are option appraisal and scheme development. Important criteria that feed into these components include maintenance options and standards, Whole Life Costing and synergies with other schemes. Option appraisal, scheme development and Whole Life Costing are described below.

The full Value Engineering process will be applied to those schemes in excess of one million pounds but a simplified process should be used to deal with moderate and minor works, where minor works should be grouped into those of a similar type to streamline the process.

### Option Appraisal

Option appraisal is necessary to identify the appropriate maintenance solution when there is more than one practical alternative for addressing the maintenance need. There may be only one practical maintenance option for many of the identified needs and it may have already been determined from the Identification of Needs and Value Management exercises. When there is only one practical maintenance solution, option appraisal is not required and the work item can be passed through to the scheme development process.

The Value Management phase should have flagged up needs that are suitable for option appraisal. These needs should now be assessed by suitable personnel in order to identify the practical maintenance options. Personnel suitable for assessing options may include:

- Bridge Manager/engineer and other suitably qualified and experienced staff within the authority; and
- external consultant and contractor staff with suitable experience and preferably a sound knowledge of the structures and network.

It is beneficial to involve the aforementioned personnel as early as possible in the exercise as this may lead to alternative proposals that benefit the network and lead to long-term savings. Early contractor involvement may enable the cost of work to be more robustly informed and effectively assessed. This process increases confidence levels and makes achievement of the planned work regime more likely.

The options should be analysed using Whole Life Costing to identify the most cost effective solution. Larger maintenance or improvement needs may merit the use of more sophisticated analysis techniques that account for a wider range of socio-economic issues, e.g. Multi Criteria Decision analysis. Expert advice should be sought regarding the suitability of applying more sophisticated techniques.

Large upgrade or improvement schemes may require a formal public consultation exercise. In such cases, authorities should identify appropriate parties to include in the consultation, e.g. local residents and businesses, and give them a suitable opportunity to comment on the options proposed.

## Scheme Development

The scheme development process should focus on the minimisation of network disruption and minimisation of whole life costs without compromising other important aspects such as appearance, access arrangements, environmental and sustainability issues, etc. It should be recognised that it may not be possible to minimise both network disruption and whole life costs and a compromise may have to be accepted. When developing schemes a number of alternative techniques are available for combining work items, each having different outcomes. Commonly used techniques include:

1. **Combine different work items on one structure** - addresses all actions on one structure thereby creating one period of longer network disruption compared to several interventions of shorter individual disruption but possibly longer total disruption. This technique may have relatively high scheme costs because the contractor has to mobilise for a range of activities and possibly more than one contractor is required;
2. **Combine similar work types** – a scheme of works that concentrate on one specific work type or similar work types. This technique should achieve cost savings by procuring the work in bulk because mobilisation fees are reduced and the contractor is provided with a steady work stream. A disadvantage is increased network disruptions at a particular location because different contractors may visit one structure in order to carry out their specific activities; and
4. **Combine schemes based on route or area** – this technique is similar to technique 1 above except that it is extended to cover a series of schemes on a route. It should achieve cost savings by procuring the work in bulk because contractor mobilisation fees are reduced and they are provided with a steady work stream. A disadvantage is that a number of contractors are likely to be required, leading to the possibility of programme extensions, site conflicts and continued network disruption over a short period.

The developed schemes are used to prepare the Forward Work Plan.

### Prepare forward work plan

The Forward Work Plan is a detailed 1 to 3 year programme of work. This provides details of the schemes to be carried out in the 1 to 3 year period and their approximate annual phasing.

The Forward Work Plan should draw together all the work that has passed thorough the Value Management and Value Engineering phases, i.e. developed schemes, and non-value managed work, e.g. inspections, structural assessments, routine maintenance and management of substandard structures.

### Monitoring, review and feedback

The Annual and Forward Work Plan should be regularly monitored and reviewed to assess work delivery, i.e. planned programme and costs vs actual. Changes may be required to the planned schedule of works if it has deviated significantly from the original plan. Feedback loops should also be implemented to assess and record out-turn costs and the quality of the final solution (this data may also inform improvements).

The workbank should be continually reviewed to check that maintenance needs are being properly addressed and removed from the workbank once acted upon. It is helpful to record the dates when the scheme is included and removed from the workbank so the turnaround can be monitored.

### Identify improvements

The Bridge Manager should continually seek to improve the efficiency and effectiveness of the maintenance planning and management process. Improvements to the maintenance planning and management process may align with improvements to the long term asset management planning process, and the Bridge Manager should seek to combine the work required on these improvements where appropriate.

Feedback from inspections and maintenance work should be used to improve the accuracy and development of lifecycle plans and maintenance strategies. Out-turn costs should be used to improve workbank cost estimates, whole life costing and asset management planning.

### Strengthening prioritisation based on BD 79

*BD 79 The Management of Sub-Standard Highway Structures* lists the factors which should be taken into account in any prioritisation of strengthening work. These include:

- risk of structure collapsing;
- traffic delay costs caused by interim measures;
- other social, environmental and economic consequences caused by interim measures;
- the negotiability of alternative routes;
- the cost-effectiveness of the strengthening (ratio of costs and benefits); and
- other benefits from scheme.

A Good Practice Guide on Maintenance Prioritisation for Highway Structures: Phase I has been published by London Bridges Engineering Group (LoBEG).

DRAFT

## Part D Lighting

## Part D Lighting

### Introduction

introduction  
further guidance

### Legal Framework Lighting

lighting legal considerations  
conservation areas

### Asset Management Information Lighting

introduction  
principles and considerations  
central management systems (cms)

## Asset Condition and Investigatory Levels Lighting

- introduction
- monitoring for inoperative lighting
- response times
- emergency service

## Inspection Assessment and Recording Lighting

- introduction
- defect risk assessment
- electrical inspection and testing
- lighting columns and illuminated traffic sign posts
- light measurement
- trees
- reliability of data
- competence
- recording of information
- developments in survey technology

## Programming and Priorities Lighting

- introduction
- principles
- management of maintenance
- design for maintenance
- recycling and waste disposal
- commuted sums
- traffic sign and bollard maintenance
- lamp replacement
- compatibility of components

## Service Agreements

- introduction
- service agreement
- procedures for new installations
- procedures for repairs
- cut-outs
- electricity settlement inventory
- trading arrangements

## Introduction

### Introduction

Part D of this document covers specific issues and themes regarding lighting, and includes the following asset types:

- lighting columns;
- lighting units attached to walls/wooden poles;
- heritage columns;
- illuminated bollards;
- illuminated traffic signs;
- columns and foundations;
- brackets;
- luminaires;
- control equipment, cables; and

- control gear, switching, internal wiring cabling (within ownership).
- Rising traffic control bollards
- Vehicle Actuated signs
- Illuminated pedestrian crossings

The objectives of this part of the document are as follows:

- to encourage delivery of the right quality and amount of light in the right place and at the right time;
- to support a risk based approach for lighting management that is suitably recorded and documented;
- to deliver value for money through the adoption of appropriate technology;
- to encourage the development, adoption and regular review of policies for lighting operation and maintenance, consistent with the wider principles of integrated transport, crime reduction, sustainability and best value;
- to encourage harmonisation of lighting maintenance practice, where this is consistent with user expectations, whilst retaining reasonable diversity to accommodate local requirements; and
- to encourage the adoption of an efficient and robust approach in the collection, processing and recording of lighting asset inventory and condition data for the purpose of local and national needs assessment, including:
  - scenario planning and investment modelling;
  - management;
  - performance monitoring; and
  - electricity purchase.

## Reduced Lighting

Within Monmouthshire Reduced Lighting techniques have been adopted. This has largely been in response to increases in electrical energy charges that have placed a significant additional burden Monmouthshire's street lighting budget. The techniques include the switching off of columns in selected residential streets between the hours of 24:00hrs and 5:00hrs and reducing the light outputs of columns. Columns which have been identified in Mayrise have had their light output dimmed to 40% of their maximum output. No adverse Customer comments have been received following the utilisation of these techniques

The removal of street lighting columns or their disconnection has not been employed in Monmouthshire.



## lighting legal considerations

There is no statutory requirement on local authorities in the United Kingdom to provide public lighting. The following statutes empower local authorities to light roads but do not impose a duty.

In England and Wales, the Highways Act 1980 empowers a Highway Authority to provide lighting for any highway or proposed highway for which they are, or will be, the Highway Authority.

Highway Authorities have a duty of care to the road user. Any loss to an individual as a consequence of the inappropriate use of these powers may result in action being taken to recover the loss. Such action could be taken on several grounds:

- negligent exercise of power (including failure to use that power). There is no blanket immunity;
- action for misfeasance of public office; and
- breach of the common law duty of care (if it can be established).

NOTE: This duty of care does not imply any duty on the Highway Authority to keep the public lighting lit. However, an authority responsible for the maintenance of public lighting should be able to demonstrate that they have systems in place to maintain the public lighting equipment in a safe condition, including the detection of dangerous equipment.

## New Roads and Street Works

The New Roads and Street Works Act 1991 (NRSWA) is an enabling act setting out the duties of Street Authorities to coordinate and regulate works carried out in the highway.

## Statutory Nuisance: Lighting

In England and Wales street lighting is not specifically exempt from the legislation, but it is unlikely to qualify as a statutory nuisance as generally speaking it is not considered to be within the definition of 'premises'.

In England and Wales the Clean Neighbourhoods and Environment Act 2005 applies and Section 102 of the legislation makes artificial light a potential statutory nuisance.

## Natural Habitats

Local Authorities should be aware that under the Conservation (Natural Habitats, &c) Regulations 1994 and as amended in 2007 European Protected Species of plants and animals receive protection.

One such protected species on which artificial light can have adverse effects is bats and so care needs to be taken not to disturb the animals themselves or their roosts and habitats. Where the replacement of street lighting columns is to be made on a like for like basis no special measures are put in place. On new developments where street lighting networks are planned the planning conditions relating to ecological matters in association with those networks will be followed in the design. Guidance is available from the Bat Conservation Trust and the Institution of Lighting Professionals.

## Traffic Management

The general duties relating to network management including enforcement of network management duties the maintenance of records and information (e.g. including records and locations of apparatus) and the duty to inspect records etc. can be found in the Traffic Management Act 2004 document. Within Monmouthshire no records are maintained for the location of cable runs but the location of all columns are plotted within the street lighting management system.

## Climate Change

The Climate Change Act 2008 empowered the government to set national targets for the year 2050 for the reduction of greenhouse gas emissions and to encourage energy users to meet the objectives of the Act, such as reducing such emissions or removing greenhouse gas from the atmosphere.

The Act also introduces legally binding carbon budgets, which set a ceiling on the levels of greenhouse gases that can be emitted into the atmosphere. The ensuing CRC Energy Efficiency Scheme does not however apply to Street lighting operated by local authorities..

## Crime and Disorder

Section 17 of the Crime and Disorder Act 1998 states the duty to consider crime and disorder implications.

## Traffic Signs

The Traffic Signs Regulations and General Directions 2016 prescribes the design and conditions of use of traffic signs on or near roads in England, Scotland and Wales.

## Conservation areas

The introduction of the Civic Amenities Act 1967 gave legislative control to the protection of conservation areas which are defined as - 'an area of special architectural or historic interest, the character or appearance of which it is desirable to preserve or enhance.'

Conservation Areas are designated more on local criteria than on national criteria and their designation is derived by a local authority with support and advice from Cadw, the Welsh Government's historic environment service. Consideration is given to the history, building style, important views and different activities performed in the area as well as other factors of which the exterior lighting may be one.

Within the village conservation areas of Grosmont, Tintern, Llandogo and Trellech an appropriate lighting column specification is used. In other conservation areas advice would be sought from the Authorities Conservation officers in order to agree the specification for the proposed columns.

Where the maintenance and/or replacement of heritage equipment in conservation areas is required then consideration will be given to the use of equipment which gives the same 'feel' to the conservation area. This may be due to availability or cost considerations.

## Asset Management Information Lighting

### Principles and considerations

Monmouthshires Lighting Asset Management System Mayrise provides and supports the following list of functions:

- storage and retrieval of inventory data including street lighting columns, illuminated signs, illuminated bollards and luminaire details.
- Issue of works orders;
- production and reporting of national and local performance data;

Drawings photographs and reports are not held electronically but it is planned to convert these to an electronic format in the next two years.

The asset management system is kept up to date to ensure the currency of the data held.

The Asset data available within Mayrise and associated systems allows the calculation of Gross Replacement Cost and Depreciated Replacement Cost for lighting associated with highway infrastructure, as required for Whole of Government Accounts.

## Street Lighting Central management system (cms)

Monmouthshire County Council operates the Harvard Central Management Systems (CMS). This is a system that allows remote dynamic street lighting control through Harvards Leaf Nut program . Using the Harvard system, the operator can choose

exactly when to switch each individual street light on or off and/or by how much to reduce the lamp power. This allows any number of switching events and/or dimming levels to be selected. The system can use web based technology to control lighting times based on official lighting up time and traffic conditions as well as fault reporting and warning of imminent lamp failure

To ensure consistent records it is essential that there is an effective interaction between the inventory and CMS databases. CMS is best characterised as a communication system for providing 'Monitoring', 'Reporting' and 'Control' of street lighting.

The CMS allows detail monitoring and reporting of key aspects of the asset including:

- whether the light is operating as expected or not – i.e. faults or outages;
- circuit characteristics - current, voltage, power factor;
- switch on and off times;
- adapting levels;
- total energy consumed

In addition, it is possible to include the following:

- predictive faults based on history to date and component characteristics;

## Asset Condition and Investigatory Levels Lighting

### Monitoring for inoperative lighting

Monmouthshire County Council identifies failed lighting in the following manner.

- Through the Harvard's central management system (CMS) Leaf Nut, which remotely monitors the equipment with an electronic device at each luminaire which is capable of recording and reporting the status and/or failure (or imminent failure) of the equipment including dayburners.
- Direct reports of failures from the public which are encouraged using notices in both local press and the Authorities Website.

Currently The Harvard Leaf Nut system is deployed on approximately 74.6 % of the network.

Calls regarding the Authorities Street lighting systems are passed directly to the street lighting Engineers. for attention The Authority operates a duty officer system for out of hours queries and all officers undertaking this role have received sufficient

training to enable them to identify emergencies, and to assure appropriate coordination between them and emergency teams.

Public reporting will still be relied upon to identify the following defects:

- wilful damage;
- overhanging trees and vegetation;
- vehicle damage;
- misaligned brackets;
- missing doors;
- unsecured or missing lantern bowls;
- missing identification numbers; and
- partial faults in LED lanterns.

The response times associated with defects are set out within the term contract the Authority has entered into with SEC and are as detailed in the response times section.

## Response times

The following response times associated with street lighting defects are as follows.

- |                  |           |
|------------------|-----------|
| • Emergency      | Two hours |
| • Sign/bollard   | Two days  |
| • Zebra crossing | Two days  |
| • Street light   | Five days |

## Emergency service

Parts of the installation can become a danger to the public as a result of incidents such as vehicle impact, cable damage, vandalism, storm damage and deterioration of components. Such incidents can result in potential danger and require emergency response.

The Authority has put arrangements in place to provide an emergency response at any time.

Reports of such problems are handled through the Authorities Duty Officer who will evaluate the report made and take the necessary action. The Duty Officer may then contact the Authorities term contractor SEC Ltd who provides an out of hours emergency service for such events. The Duty Officer will also issue a works order to the term contractor in respect of these activities.

The action to be taken will depend on a technical assessment at the time a report of damage or fault is received. Typically a Road Traffic Collision involving an electrified asset, an access panel off, exposed wires and a lantern or shade hanging will trigger a two hour emergency response.

Staff involved in providing the emergency service are experienced officers who have extensive experience of dealing with such issues. The term contractors personnel who are directly involved on-site are appropriately qualified as evidenced through the contractors submission prior to the award of the term contract and their personnel's ongoing training records. The term contractor also has the appropriate tools and plant to deal with the incident and the ability to mobilise additional resources to assist or to attend other emergency calls which is a requirement of the term contract.

Where temporary repairs cannot be put in place adequate signage and temporary warning lights will be provided.

Work instructions are created in the Mayrise and forwarded to the Street Lighting Term contractor for action. The term contractor then provides the street lighting team with a copy of the instruction onto which the following details are entered.

- the time and source of the call-out;
- time arrived and extent of work undertaken;
- further work required; and
- time left site.

The above details are entered onto the Mayrise system by the street lighting team.

If the incident was a result of vehicle impact then details of the vehicle(s) will be recorded if they are still present on site in order to institute procedures for the recovery of costs.

## Inspection Assessment and Recording Lighting

### Electrical inspection and testing

#### Introduction

In terms of possible dangers from electricity, the Electricity at Work Regulations 1989 require all systems to be constructed, maintained and operated, so far as is reasonably practicable to prevent danger.

A rolling annual inspection of one sixth of the street lighting assets is made in order to determine the condition of those assets and to confirm that the installation is in a safe condition.

#### Visual inspection of electrical equipment

The general visual conditions of the electrical installation is recorded at every visit to the asset i.e. in order to change the lamp, attend to any other fault, or every 6 years as part of the electrical testing process. The information gathered is recorded in the Mayrise system.

During this visual inspection, if any problems are encountered that are considered as dangerous, the item of equipment is either repaired immediately or taken out of service by removing the fuse from the supply termination until the fault has been rectified.

Problems related to the Western Power cable or cut-out (cracked, broken fuse carrier, loose connection, exposed live conductors, etc.) will be reported to Western Power. Under no circumstances will an electrically dangerous item of equipment be left in operation.

In exceptional circumstances it may not be possible to undertake the electrical inspection and in these rare incidences the term contractor is required to resolve the issue preventing the inspection in order to allow the inspection to be undertaken.

All inspections are undertaken in accordance with the requirements of BS7671 and associated guidance including in particular Guidance Note 3.

## Electrical Testing

Testing is carried out by the Authorities Term Contractor whose operatives are appropriately qualified. It is a requirement of the term contract that all test equipment is correctly calibrated and regularly certified. Copies of these certificates are held on file.

### Electrical testing records

The results of periodic electrical inspection and testing are recorded in paper format and held on file.

The testing of highway lighting circuits and columns extends to 5th core distributor cabling in relation to the measurement of external earth fault loop impedance.

## Structural inspections

A visual inspection of each lighting column and illuminated traffic sign post will be carried out and recorded at every visit to the asset i.e. in order to change the lamp, attend to any other fault, or every 6 years as part of the electrical testing process. The information gathered is recorded in the Mayrise system.

## lighting columns and illuminated traffic sign posts

Within Monmouthshire County Council Lighting columns and illuminated traffic sign posts are hot dipped galvanised steel. In conservation and town centre areas further protection may also be given by the application of an additional protective system such as paint or powder coating.

The condition of lighting columns' and illuminated traffic sign posts' protective systems, including the finish is inspected at each maintenance visit i.e. in order to change the lamp, attend to any other fault, or every 6 years as part of the electrical testing process. The information gathered is recorded in the Mayrise system.

The inspections which are undertaken by the Street Lighting Term Contractor are undertaken by appropriately qualified operatives.

## Protective coatings and their application

Lighting columns are particularly vulnerable to corrosion underground. In recognition of this replacement columns are specified with an additional coating of bitumen below ground which extends above ground by 0.5 metres.

## trees

The effect of trees on the performance of the lighting installation is considered at the section 38 design stage in order to ensure that there are no potential negative impacts on the lighting installation as a result of the presence of trees.

Where there are specific site related tree issues on older street lighting networks advice is sought from the Authorities Tree Officer in order to avoid unnecessary damage to roots and branches when erecting or removing lighting columns or excavating cable trenches.

## Competence

Staff working on lighting installations, including client and contractor's personnel, are suitably trained and qualified for the activities they undertake. All term contractors personnel are G39 qualified allowing them to undertake works on Western Power Grid system and they also hold the Association of Street Lighting and Electrical Contractors ASLEC qualification. A competency book is also maintained by those staff.

The operatives training, technical knowledge and experience is sufficient to provide:



- adequate knowledge of electricity
- adequate knowledge of the system to be worked on
- adequate knowledge of the hazards which might arise and the precautions to be taken
- adequate experience of electrical work
- adequate experience of working on the appropriate system; and
- ability to recognise at all times when it is safe for work to continue.

All Term Contractors activities are detailed through method statements and Operatives are trained and instructed to ensure that they work in accordance with those instructions.

Operatives operating or working on the Western Power cut-outs are appropriately trained to G39 and have been approved by Western Power.

On-site competence is demonstrated through the operatives possession of ASLEC National Highway Sector Scheme 8 (NHSS 8) and the associated Highway Electrical Registration Scheme (HERS) that sets out a reasonably practicable approach to the identification, achievement, recording and maintenance of competence. Western Power also requires evidence of training and assessment to Electricity Association Engineering Recommendation G39/2 (which includes a reference to HERS). G39/2 is also supported by the possession of the ASLEC qualification as reliance solely on G39/2 without additional training and assessment of competence would leave the employing organisation open to failures to meet the requirements of the Health & Safety at Work etc. Act, the Management of Health and Safety at Work Regulations, the Electricity at Work Regulations and the Construction Design and Management Regulations amongst others.

## recording of information

Information from all inspections and surveys, together with any immediate or programmed action, including nil returns, is accurately and promptly recorded, on Mayrise which is particularly relevant in the case of safety inspections.

## Programming and Priorities Lighting

### introduction

Programming and priorities are dealt with in the UKRLG Highway Infrastructure Asset Management Guidance (HIAMG), Part B. This document should be referred to and the advice below considered supplementary.

The general principles to be applied to programming and priorities are outlined in Section A.8 of this Code, with this section covering guidance relating to lighting assets.

## Management of maintenance

### Strategy

The lighting systems require inspection and maintenance to ensure that it is safe, operates correctly, continues to provide the designed performance in order to maximise its useful life. Maintenance is undertaken on a reactive basis, where failures of equipment are recorded and the equipment repaired or replaced.

### Design for maintenance

LED lighting is being deployed across Monmouthshire, with currently 20% of the network being served by this technology. It is planned to continue this roll out with 100% of the network running on LED lighting technology in five years. LED lighting systems offers significant energy efficiencies from its use.

The Institution of Engineering and Technology (IET) have published the Code of Practice for the Application of LED Lighting Systems and Recommendations for Energy Efficient Exterior Lighting Systems.

### Recycling and waste disposal

Lamps and luminaires are recycled by the lighting term contractor through the supplying manufacturer. The Lamp and Luminaire Producer Schemes, funded by a levy on new products, exist to ensure the disposal of such equipment in line with the WEEE Regulations and Environment Agency requirements.

### Commuted sums

Commuted sums are rarely required from Develops as the MCC lighting Engineers are often approached to provide a suitable lighting design. The designers are therefore aware of potential maintenance burdens and can therefore design them out. Where developers specifically required units which were considered to place a large maintenance burden on the Authority a commuted sum would be sought from the Developer. ADEPT has published guidance on the commuted sums mechanism, through which developers may be required to contribute to future maintenance of areas adopted by local authorities and this would be used as the framework for the application of commuted sums..

### Lamp replacement

## Burn to Extinction

The Authority operates a burn to extinction policy, under which lamps are replaced on failure.

The move to two LED lighting technologies which offer very long service life for lamps compliment this strategy. Monitoring through the Harvard Leaf Nut system will ensure that lighting levels are maintained

## Lighting components

Monmouthshire County Council is moving towards full introduction of LED lighting technology over the next five years using the Harvard Leaf Nut system.

This will ensure that the Harvard CMS can be fully utilised and the benefits of the CMS realised.

## Service Agreements

### introduction

Monmouthshire County Council complies with the following criteria in order to maintain its access to an unmetered electrical supply as provide by Western Power:

- the criteria identified in The Electricity (Unmetered Supply) Regulations 2001;
- the National Measurement of Regulation Office NMRO issued guidance about compliance;
- a Connection agreement with Western Power which follows the national terms of connection; and
- the obligations described in the Balancing and Settlement Code (BSC) for unmetered supplies captured in BSCP520 and its associated documents.

### Service agreement

The provision of public lighting is dependent on the supply of electricity through the network of Western Power.

Arrangements are in place for connections, disconnections and transfers to be made by SEC

### Procedures for new installations

New installations include the following:

- new capital lighting schemes;
- road improvement schemes;
- provision of connections and/or disconnections;
- transfers; and
- new services.

The procedures to be followed by both parties are set out in the contract in respect of the following:

- placing orders;
- notifying that equipment is installed and ready for connection; and
- notifying that equipment has been connected.

In order for SEC/Western Power to comply with the required response time for a new installation the authority needs to supply the following information:

- an accurate location of the equipment involved including:
  - postcode;
  - asset number;
  - location, road name and, for example, side of, rear of, outside house number, etc;
  - a map of the area (minimum size 1:1250 with the apparatus highlighted); and
  - Ordnance Survey co-ordinates or GIS co-ordinates.
- a description of the work involved and the number of points involved.
- 

The estimate from Western Power/SEC includes the following information:

- a plan showing the extent of the works together with any civil engineering works (for instance ducts) required from the authority;
- a schedule detailing the estimated costs based on the standard schedule of rates where applicable; and
- a breakdown of contestable and non-contestable works

The authority, on accepting the estimate, shall provide an order for the works together with a programme of works.

On installation of the new equipment, or when existing equipment is ready to be disconnected/transferred, the authority shall advise SEC/Western Power that the site is now ready for their works.

The authority will amend the Asset Management System accordingly as soon as practicable with all connections, disconnection and alterations. Identifying Western Power as the DNO.

## Procedures for repairs

The agreement or contract should detail the procedures to be followed by both parties when placing orders.

When the authority has identified a fault on a Western Power electricity service it notifies Western Power as soon as possible.

Western Power shall respond to faults within or better than the timescales set out in the Electricity (Connection Standards of Performance) Regulations 2015 and the Quality of Service Guaranteed Standards.

The authority is responsible for providing a safe enclosure for the Western Power service termination equipment and reporting any concerns or faults with the cut-out or service termination equipment.

The authority should monitor Western Powers performance in order to validate or, if required, claim rebates.

Monmouthshire County Council Authorities ensures that Western Power is provided with accurate and reliable information in a timely manner when they are requested to carry out work as failure to do so could lead to a failure to enforce any remedial action or rebates.

## Cut-outs

Monmouthshire and its term street lighting contractor are able and authorised to operate the cut-out for the purpose of connecting internal wiring, withdrawing fuse carriers during maintenance of equipment and replacing failed fuse cartridges. This is included within ENA EREC G39/2 and the Competition in Connections Code of Practice.

## electricity settlement inventory

Monmouthshire maintains an accurate inventory of all unmetered equipment as required by its connection agreement and the Balancing and Settlement Code (BSC) obligations. This inventory is submitted to Western Power every month.

The content and file structure of the inventory submission is as defined in the BSC Operational Information Document.

The key data items are the Charge Code which is a 13 digit code defining the type of unmetered equipment and the Switch Regime defines the type of operation of the

equipment (i.e. continuous, electronic photocell 35/18lux, or part night) these details being recorded in the Mayrise system

Generic LED Charge Codes and variable power switch regimes have been produced by Elexon.

The Mayrise asset management system lists Western Power as the District Network Office to which the equipment is connected to as an unmetered supply.

Western Power audits the identified street furniture and the inventory records to identify material discrepancies. The Managing Unmetered Energy Street Lighting Inventories (MUESLI) covers the audit methodology.

### trading arrangements

The unmetered supplies are traded on a Half Hourly (HH) basis.

Monmouthshires Half Hourly trading utilises a PECU Array and the CMS equipment switching information to give more reflective consumption data.

Monmouthshire has contracted with Western Power who are a BSC approved Meter Administrator to use the inventory and switching data to calculate HH data.

Monmouthshire is part of the South Wales energy procurement framework which is managed by Rhondda Cynon Taff energy prices being negotiated on an annual basis.

<b>SUBJECT:</b>	<b>CIVIL PARKING ENFORCEMENT</b>
<b>MEETING:</b>	<b>INDIVIDUAL CABINET MEMBER DECISION</b>
<b>DATE:</b>	<b>9<sup>th</sup> MAY 2018</b>
<b>DIVISION/WARDS AFFECTED:</b>	<b>ALL</b>

## 1. PURPOSE:

This report seeks member support for officers to proceed with applying to the Welsh Government for Monmouthshire County Council to take on Civil Parking Enforcement within the county, the approval of additional funding to validate and prepare a new consolidated order for all parking traffic regulations throughout the county, along with associated works to ensure the order is enforceable and the implementation of the necessary arrangements to manage CPE within the county.

## 2. RECOMMENDATIONS:

- 2.1 That Monmouthshire County Council take on the responsibility for the enforcement of on street parking.
- 2.2 That officers should prepare an application to take on Civil Parking Enforcement to the Welsh Government and funded from the Welsh Government one-off Highway Grant (£921,000) for the preparation of a consolidated order.
- 2.3 That an additional budget of £150,000 be made available from the Welsh Government one-off Highway Grant (£921,000) for works required to ensure the order may be effectively enforced.
- 2.4 That the provision of the front line of the service be provided in house i.e. by directly employed staff.
- 2.5 That the selection and commissioning of the provision of the back office service (i.e. administration of penalties, fines, appeals etc.) be delegated to the relevant Chief Officer (Head of Operations) in consultation with the Cabinet member for Operations.

## 3. KEY ISSUES

3.1 Gwent Police have historically undertaken enforcement of contraventions of formal Traffic Regulation Orders, such as parking restrictions. All other Welsh Police Authorities have withdrawn from on street parking enforcement with the local authorities taking up responsibility for CPE, Gwent Police have given notice that they will cease to undertake such enforcement on 31st December 2018.

3.2 In response to this, the Gwent G7 meeting of Chief Executives agreed to investigate the introduction of Civil Parking Enforcement (CPE) as a replacement for the role of the Police and

on this basis a feasibility study report was subsequently prepared as part of joint G7 initiative. Subsequently a feasibility study was commissioned jointly by the Gwent authorities. The report provides initial financial and operational information around the development of a Civil Parking Enforcement regime.

CPE will allow the Council to enforce parking contraventions within Monmouthshire County Council through a civil law regime, as opposed to enforcement by the Police in a criminal law context. Those parking contraventions that fall under a civil law regime specifically relate to traffic lines and signs (e.g. double yellow lines, parking bays, etc.). Therefore, the enforcement of vehicles contravening such lines and signs will be the responsibility of the Council, not the Police. All other parking offences, such as obstruction of the highway, parking on the footway etc.) remain with the Police to enforce.

If CPE powers are not acquired, the Council will not be able to manage and enforce Traffic Regulation Orders within the county and this would lead to a detrimental impact on the efficiency and safety of the highway network.

To acquire CPE powers, the Council must apply to the Welsh Government for a Designation Order for Monmouthshire County Council to become a Civil Enforcement Area and a Special Enforcement Area for the purposes of part 6 of the Traffic Management Act 2004.

As part of the application, it is essential that the Traffic Regulation Orders (TRO) that form the Council's Traffic Management network are correct. Work to achieve this would require reviewing the existing TROs and then proceed to incorporate a new schedule within a Consolidated Order that accurately reflects the physical signs and lining on the highway. The feasibility Report jointly commissioned by the Gwent authorities has indicated an estimated cost of £90k for this review process in Monmouthshire.

A further requirement of the application to WG to acquire CPE powers is to produce a business plan setting out how the Council proposes to operate the scheme. The options are shown within the feasibility study commissioned by the Gwent LA's (appendix 1) and should be considered based upon resilience and cost efficiency.

MCC is currently in discussions with neighboring authorities on how CPE may be delivered. The preferred option at present would be for MCC to combine the 'front line' element with the in-house off-street parking service and 'back office'; to provide the ticketing section via a collaborative arrangement using either an existing local authority back office or similar service offered by the private sector.

The outline timescale for the implementation of CPE is:

- Council Select Committee consideration of the implications for MCC introducing CPE (February 2018)
- Council approval to proceed with the development of an application to Welsh Government for the introduction of CPE (March 2018)
- Complete draft Consolidation Order (April 2018)
- Public Consultation on Consolidation Order (June 2018)
- Draft CPE application to Welsh Government (August 2018)
- Full CPE application to Welsh Government (November 2018)



#### **4. REASONS:**

The Monmouthshire County Council's Corporate Plan includes proposed actions to improve accessibility and safety to all residents and support business growth. These aims rely on benefiting from an efficient and effective highway network. The ability to enforce traffic regulations via CPE will contribute to the achievement of this goal.

Acquiring CPE powers will allow the Council to tackle wider transport and environmental issues such as traffic congestion, road safety and to safeguard the interests of residents, blue badge holders, transport operators and local businesses.

It is recommended that the decision about how the back office service might be provided be delegated to the Chief Officer in consultation with the cabinet member. This approach has been adopted as there will be numerous permutations that might be considered about how a collaborative arrangement might be structured. This would include options such as the Gwent authorities agreeing a lead authority to operate on their behalf or to agree a service level agreement with another local authority already providing back office services on behalf of itself and other local authorities. Such arrangements may be negotiated and maybe set up as interim arrangements or long term. This will be compared with private sector provision (cost and reliability being of obvious interest) but the flexibility of service without contractual commitment may be of overall benefit in the early years of service provision. The grounds of any such decision will be reported to members.

#### **5. RESOURCE IMPLICATIONS:**

The process of making an application for CPE will require financial support with the consolidation of the TROs and renewal of all signs and lining works resulting from this review. Once implemented there will be increased costs associated with running CPE such as additional enforcement officers and administrative support, as well as an upgrade of ICT software and hardware. These costs are a one off and the outline business model shows that there is a potential that these one off costs in part, as well as the future operating costs, will be covered from the increased income that CPE will generate.

A summary of the initial costs are shown below:

1. Consolidation of TROs into a single consolidated order - £90,000
2. Refurbishment of existing signing and lining £150,000.
3. Employment of 2 enforcement officers and administrative support £100,000 (ongoing)
4. Provision of equipment, software and hardware to support CPE - £50,000

The funding for items 1 and 2 will be taken from existing highways budgets in 18/19 (albeit replenished from a one off WG grant award this year to support highway projects).

Items 3 and 4 will be charged to the service revenue budget but the costs to be offset by income.

**6. WELLBEING OF FUTURE GENERATIONS IMPLICATIONS (INCORPORATING EQUALITIES, SUSTAINABILITY, SAFEGUARDING AND CORPORATE PARENTING):**

FGEA attached – appendix 2

**7. CONSULTEES:**

Discussions have been held with Gwent police and neighbouring Gwent authorities.

An informal briefing for all members has been offered at a previous member workshop (Active Travel maps)

Feedback from Select Committee will be forwarded to Cabinet for information.

**8. BACKGROUND PAPERS:**

Feasibility study with option appraisal – appendix 1

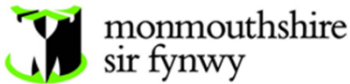
**9. AUTHOR:**

**Paul Keeble, Group Engineer, Highways and Flooding**

**10. CONTACT DETAILS:**

**Tel: 01633 644733**

**E-mail: [paulkeeble@monmouthshire.gov.uk](mailto:paulkeeble@monmouthshire.gov.uk)**



**SCHEDULE 12A LOCAL GOVERNMENT ACT 1972  
EXEMPTION FROM DISCLOSURE OF DOCUMENTS**

**MEETING AND DATE OF MEETING:**

**TITLE OF REPORT:**

**AUTHOR:**

I have considered grounds for exemption of information contained in the report referred to above and make the following recommendation to the Proper Officer:-

**EXEMPTIONS APPLYING TO THE REPORT:**

**FACTORS IN FAVOUR OF DISCLOSURE:**

**PREJUDICE WHICH WOULD RESULT IF THE INFORMATION WERE DISCLOSED:**

**MY VIEW ON THE PUBLIC INTEREST TEST IS AS FOLLOWS:**

**RECOMMENDED DECISION ON EXEMPTION FROM DISCLOSURE:**

Date:

Signed:

Post:

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I accept/do not accept the recommendation made above

Proper Officer: \_\_\_\_\_

Date: \_\_\_\_\_

APPENDIX 2

<p><b>Name of the Officer</b> Paul Keeble</p> <p><b>Phone no:</b> 01633 644733 <b>E-mail:</b> paulkeeble@monmouthshire.gov.uk</p>	<p><b>Please give a brief description of the aims of the proposal:</b> introduction of Civil parking enforcement (CPE) for on street parking violations (TRO's) in Monmouthshire when Gwent police withdraw at end of December 2018</p>
<p><b>Name of Service:</b> Civil Parking Enforcement</p>	<p><b>Date Future Generations Evaluation :</b> 15/02/2018</p>

***NB. Key strategies and documents that may help you identify your contribution to the wellbeing goals and sustainable development principles include: Single Integrated Plan, Continuance Agreement, Improvement Plan, Local Development Plan, People Strategy, Asset Management Plan, Green Infrastructure SPG, Welsh Language Standards, etc***

Page 23






**Does your proposal deliver any of the well-being goals below?** Please explain the impact (positive and negative) you expect, together with suggestions of how to mitigate negative impacts or better contribute to the goal.

Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<p><b>A prosperous Wales</b> Efficient use of resources, skilled, educated people, generates wealth, provides jobs</p>		
<p><b>A resilient Wales</b> Maintain and enhance biodiversity and ecosystems that support resilience and can adapt to change (e.g. climate change)</p>		

<b>Well Being Goal</b>	<b>Does the proposal contribute to this goal? Describe the positive and negative impacts.</b>	<b>What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?</b>
<b>A healthier Wales</b> People's physical and mental wellbeing is maximized and health impacts are understood		
<b>A Wales of cohesive communities</b> Communities are attractive, viable, safe and well connected	Controls indiscriminate illegal parking on the streets in Monmouthshire taking on the role from Gwent police as they withdraw from service provision.	
<b>A globally responsible Wales</b> Taking account of impact on global well-being when considering local social, economic and environmental wellbeing		
<b>A Wales of vibrant culture and thriving Welsh language</b> Culture, heritage and Welsh language are promoted and protected. People are encouraged to do sport, art and recreation		
<b>A more equal Wales</b> People can fulfil their potential no matter what their background or circumstances	<i>This includes the protected characteristics of age, disability, gender reassignment, race, religion or beliefs, gender, sexual orientation, marriage or civil partnership, pregnancy or maternity</i>	

**2. How has your proposal embedded and prioritised the sustainable governance principles in its development?**

<b>Sustainable Development Principle</b>	<b>Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.</b>	<b>Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?</b>

Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
 <p>Long Term</p> <p>Balancing short term need with long term and planning for the future</p>	<p><i>We are required to look beyond the usual short term timescales for financial planning and political cycles and instead plan with the longer term in mind (guidance says at least 10 years, but preferably 25)</i></p>	
 <p>Collaboration</p> <p>Working together with other partners to deliver objectives</p>	<p>We will work with public sector colleagues or private sector to provide the administrative support required by CPE</p>	
 <p>Involvement</p> <p>Involving those with an interest and seeking their views</p>	<p>There have been increasing demands for enforcement action. This report offers the local council a resource to enforce CPE that may be directed as required.</p>	
 <p>Prevention</p> <p>Putting resources into preventing problems occurring or getting worse</p>	<p>In house provision that can be directed to areas of most need thereby reducing parking problems around the county.</p>	
 <p>Integration</p> <p>Considering impact on all wellbeing goals together and on other bodies</p>	<p><i>There is space to describe impacts on people, economy and environment under the Wellbeing Goals above, so instead focus here on how you will better integrate them and balance any competing impacts. Also think about impacts the proposal may have on other organisations.</i></p>	

**3. Are your proposals going to affect any people or groups of people with protected characteristics?** Please explain the impact, the evidence you have used and any action you are taking below. For more detailed information on the protected characteristics, the Equality Act 2010 and the Welsh Language Standards that apply to Monmouthshire Council please follow this link: <http://hub/corporatedocs/Equalities/Forms/AllItems.aspx> or contact Alan Burkitt on 01633 644010 or [alanburkitt@monmouthshire.gov.uk](mailto:alanburkitt@monmouthshire.gov.uk)

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Age	<i>Consider the impact on our community in relation to this e.g. how do we engage with older and younger people about our services, access issues etc. Also consider what issues there are for employment and training.</i>		
Disability	. parking within TRO's is controlled by concessions for blue badge holders		
Gender reassignment	<i>Consider the provision of inclusive services for Transgender people and groups. Also consider what issues there are for employment and training.</i>		
Marriage or civil partnership	<i>Same-sex couples who register as civil partners have the same rights as married couples in employment and must be provided with the same benefits available to married couples, such as survivor pensions, flexible working, maternity/paternity pay and healthcare insurance</i>		
Pregnancy or maternity	<i>In employment a woman is protected from discrimination during the period of her pregnancy and during any period of compulsory or additional maternity leave. In the provision of services, goods and facilities, recreational or training facilities, a woman is protected from discrimination during the period of her pregnancy and the period of 26 weeks beginning with the day on which she gives birth</i>		



Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Race	<i>Think about what the proposal will do to promote race equality with the aim of: eliminating unlawful discrimination, promoting equality of opportunity and promoting good relations between persons of different racial groups. Also think about the potential to affect racial groups differently. Issues to look at include providing translation/interpreting services, cultural issues and customs, access to services, issues relating to Asylum Seeker, Refugee, Gypsy &amp; Traveller, migrant communities and recording of racist incidents etc.</i>		
Religion or Belief	<i>What the likely impact is e.g. dietary issues, religious holidays or days associated with religious observance, cultural issues and customs. Also consider what issues there are for employment and training.</i>		
Sex	<i>Consider what issues there are for men and women e.g. equal pay, responsibilities for dependents, issues for carers, access to training, employment issues. Will this impact disproportionately on one group more than another</i>		
Sexual Orientation	<i>Consider the provision of inclusive services for e.g. older and younger people from the Lesbian, Gay and Bi-sexual communities. Also consider what issues there are for employment and training.</i>		

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Welsh Language	<i>Under the Welsh Language measure of 2011, we need to be considering Welsh Language in signage, documentation, posters, language skills etc. and also the requirement to promote the language.</i>		

4. Council has agreed the need to consider the impact its decisions has on important responsibilities of Corporate Parenting and safeguarding. Are your proposals going to affect either of these responsibilities? For more information please see the guidance <http://hub/corporatedocs/Democratic%20Services/Safeguarding%20Guidance.docx> and for more on Monmouthshire's Corporate Parenting Strategy see <http://hub/corporatedocs/SitePages/Corporate%20Parenting%20Strategy.aspx>

	Describe any positive impacts your proposal has on safeguarding and corporate parenting	Describe any negative impacts your proposal has on safeguarding and corporate parenting	What will you do/ have you done to mitigate any negative impacts or better contribute to positive impacts?
Safeguarding	<i>Safeguarding in this context applies to both children (not yet reached 18<sup>th</sup> birthday) and vulnerable adults (over 18 who is or may be in need of community care services by reason of mental or other disability, age or illness and who is or may be unable to take care of himself or herself, or unable to protect himself or herself against significant harm or serious exploitation.)</i>	<i>Safeguarding is about ensuring that everything is in place to promote the well-being of children and vulnerable adults, preventing them from being harmed and protecting those who are at risk of abuse and neglect.</i>	
Corporate Parenting	<i>This relates to those children who are 'looked after' by the local authority either through a voluntary arrangement with their parents or through a court order. The council has a corporate duty to consider looked after children especially and promote their welfare (in a way, as though those children were their own).</i>		

5. What evidence and data has informed the development of your proposal?

- The proposals have been developed in conjunction with other Gwent authorities and Gwent police along with specialist advice informing the feasibility study.

**6. SUMMARY:** As a result of completing this form, what are the main positive and negative impacts of your proposal, how have they informed/changed the development of the proposal so far and what will you be doing in future?

This allows the local authority to be proactive in terms of managing on street parking.

**7. ACTIONS:** As a result of completing this form are there any further actions you will be undertaking? Please detail them below, if applicable.

What are you going to do	When are you going to do it?	Who is responsible	Progress
<b>Prepare detailed implementation plan and costs</b>	<b>See timetable in report</b>	<b>Operations department (Highways and car parking)</b>	

**8. MONITORING:** The impacts of this proposal will need to be monitored and reviewed. Please specify the date at which you will evaluate the impact, and where you will report the results of the review.

The impacts of this proposal will be evaluated on:	In twelve months time of implementation (1 <sup>st</sup> Jan '18)
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**9. VERSION CONTROL:** The Future Generations Evaluation should be used at the earliest stages of decision making, and then honed and refined throughout the decision making process. It is important to keep a record of this process so that we can demonstrate how we have considered and built in sustainable development wherever possible.

Version No.	Decision making stage	Date considered	Brief description of any amendments made following consideration
	<i>e.g. budget mandate, DMT, SLT, Scrutiny, Cabinetetc</i>		<i>This will demonstrate how we have considered and built in sustainable development throughout the evolution of a proposal.</i>

**SUBJECT: PROHIBITION OF WAITING AT ANY TIME (CHAPEL ROAD, STANHOPE STREET, CANTREF ROAD, AVENUE ROAD, HAROLD ROAD) ABERGAVENNY**

**MEETING: Cabinet Member for County Operations**

**DATE: 9<sup>th</sup> May 2018**

**DIVISION/WARDS AFFECTED: Bryn y Cwm, Cantref**

**1. PURPOSE:**

To consider the proposed Order subsequent to representations received following advertisement in accordance with the Local Authorities Traffic Orders (Procedure) (England and Wales) Regulations 1994.

**2. RECOMMENDATIONS:**

Not to hold an inquiry into the proposal

To approve the proposed amended Order and to implement the amended Order.

**3. KEY ISSUES:**

Monmouthshire County Council has previously received concerns regarding the level of road safety for school children and other highway users on the various streets in the locality and vicinity of Cantref School. Concerns have been also received regarding illegal and obstructive vehicle parking on the various junctions in this locality. The area is also experiencing issues with some parents of school

children parking illegally and inappropriately at school opening and closing times thereby endangering vulnerable highway users specifically the school children.

#### **4. REASONS:**

Officers have visited this location on several occasions and noted the illegal vehicle parking at the junctions referred to in the schedule of prohibition of waiting at any time. The current level of obstructive vehicle parking is also restricting the free flow of traffic especially at peak traffic periods on these streets which are relatively narrow in character. Inappropriately parked vehicles were also observed to cause potential safety issues for pedestrians especially school children due to the serious lack of conspicuity/visibility whilst attempting to cross the carriageways at these locations.

In light of the objections received regarding the proposed double yellow lines on Chapel Road opposite the exit from Harold Road and having carefully considered all the views expressed during the public consultation it is now proposed to implement a reduced length of double yellow lines here which will not include the highway fronting the driveway to number 77 Harold Road.

Regulation 9 of the Local Authorities' Traffic Orders (Procedure) (England and Wales) Regulations 1996 enables the Council to hold a public inquiry into the proposal if there are unresolved objections. The purpose of such an inquiry would be for the proposal to be explained and subjected to examination; and for the public to be given the opportunity to make their views known. Should a public inquiry be held then it would not be possible for it to be implemented for at least six months.

A schedule of responses including objections received is included in this report.

Officers consider that in view of the fact that objections can be resolved as set out in the report, that the Council's proposals do not warrant the holding of any inquiry.

#### **5. RESOURCE IMPLICATIONS:**

The costs of the proposed Traffic Regulation Order and road markings are being funded by Monmouthshire County Council.

#### **6. SUSTAINABLE DEVELOPMENT AND EQUALITY IMPLICATIONS**

There are no sustainability issues regarding installing the new double yellow lines.

**7. CONSULTEES:**

Senior Leadership Team  
County Councillor B Jones, Cabinet Member for County Operations  
Councillor P. Jordan

**8. BACKGROUND PAPERS:**

Notice of Intention, Schedule of Objections/Comments, Proposed Resident Only Parking Scheme location plan, Schedule of Order, Statement of Reasons.

**9. AUTHOR:**

Paul Keeble Traffic & Network Manager

**10. CONTACT DETAILS:**

E-mail: [Paulkeeble@monmouthshire.gov.uk](mailto:Paulkeeble@monmouthshire.gov.uk)

Telephone: 01633 644733

<b>M494 Combined Chapel Rd, Stanhope St, Cantref Rd, Avenue Rd &amp; Harold Rd, Waiting Restrictions</b>			
<b>Schedule of Comments</b>			
<b>Name/Address</b>	<b>Support/Object</b>	<b>Comments</b>	<b>Officer Response</b>
Godfrey	Support	Mrs Godfrey has been involved in 2 incidents at the junction of Chapel Rd & Harold Rd. Visibility is restricted by the adjacent hedge and parked cars create an additional hazard. Mrs Godfrey fully supports the proposals.	Noted
Woodier	Objection	Placing restrictions in Chapel Rd in the areas suggested will make the road more dangerous for pedestrians. Currently, parked cars control the speed of traffic much better than the traffic bumps. Removing the parked cars will only allow traffic to travel more quickly increasing the danger. The parked cars in Chapel Rd act as very effective sleeping policemen.	Noted - Chapel Road is subject to a 20mph speed limit and has provision of physical traffic calming features, therefore it is anticipated travelling speeds are at or around 20mph. Whilst it is acknowledged that on street parking does have the additional effect of reducing travelling speeds, the proposals to introduce waiting restrictions are intended to improve visibility for all motorists when exiting Harold Road.
Doyle	Objection	MHA own a number of flats on Chapel Rd that have no designated parking assigned. They are unable to provide any parking areas as there is no available space. Any further restrictions would result in there being no on street parking for the residents of the flats. ANY maintenance repairs or servicing required to be carried out would mean the workforce will have to park away from the flats and carry their equipment incurring additional manual handling issues.	Noted - Monmouthshire County Council have no duty or responsibility to provide on street parking for residents/tenants/landlords. The road safety benefits the proposals have significantly outweigh the resultant consequences in terms of the loss of on street parking.



Petition (20 names, )	Objection	<p>The order will remove all available on street parking serving tenants occupying the block of 12 flats at Chapel Rd. The tenants of the flats will be hard hit by removing the parking opportunities for essential visitors including taxis for the elderly, meals on wheels, health workers and personal carers. The order will increase the vulnerability of residents forced to park away from their homes, including shift workers arriving home late at night or in the early hours. Removing parked cars will encourage faster movement of vehicles currently slowing down by the narrowing of the road. This includes vehicles turning onto Chapel Rd from Harold Rd as well as cars travelling along Chapel Rd. Residents parking will be forced along Chapel Rd and into the adjoining streets, areas already near to their capacity, or creating additional traffic problems, safety concerns and potentially cause unnecessary tension between neighbours.</p>	<p>Noted - the proposals are intended to reinforce the highway code by restricting parking within 10m and opposite the Harold Road junction. Whilst it is acknowledged some on street parking will be removed by the introduction of the waiting restrictions, the road safety benefits outweigh the loss of any on street parking.</p>
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Davies	Objection	<p>Chapel Rd is already a safe road and the order is therefore unnecessary. Official data reported to the police about road traffic incidents occurring on Chapel Rd/Harold Rd/Avenue Rd and Stanhope St show there have been no recorded incidents in the last 10 years. The order will remove all available on street parking serving tenants occupying the block of 12 flats located at Chapel Rd and outside other residential properties. The tenants of the flats will be hard hit by removing the parking opportunities for essential visitors including taxis for the elderly, meals on wheels, health workers and personal carers. The order will increase the vulnerability of residents forced to park away from their homes, including shift workers arriving home late at night or in the early hours. Residents parking will be forced along Chapel Rd and into the adjoining streets, areas already near to their capacity, or creating additional traffic problems, safety concerns and potentially cause unnecessary tension between neighbours.</p>	<p>Noted - the proposals are intended to reinforce the highway code by restricting parking within 10m and opposite the Harold Road junction. Whilst it is acknowledged some on street parking will be removed by the introduction of the waiting restrictions, the road safety benefits outweigh the loss of any on street parking.</p>
Simcock	Objection	<p>E-mail in support of Mr Owen Davies' objection, requesting that further assessments are undertaken.</p>	<p>Noted - the proposals are intended to reinforce the highway code by restricting parking within 10m and opposite the Harold Road junction. Whilst it is acknowledged some on street parking will be removed by the introduction of the waiting restrictions, the road safety benefits outweigh the loss of any on street parking.</p>

Scott	Support	Most residents in his area of Chapel Road appear to be in favour of the restrictions. However, would like to see a stop sign at the end of Harold Rd & the owner of the property on the corner of Harold Rd/Chapel Rd to cut his hedge back in order to improve drivers visibility up Chapel Rd.	Noted - there are already carriageway markings in place at the junction of Chapel Rd and Harold Rd indicating to motorists that they should "give way". A stop line is only normally implemented where visibility at a junction is significantly restricted. in this instance a "give way" line is considered appropriate. A request will be sent to Highways operations colleagues to issue a hedge cutting notice to the resident.
Kirk	Objection	Double yellow lines seem like an unnecessary obstruction, when in fact the only time there is any significant parking is for school drop off and collection. I haven't seen a problem or traffic incident there at all in the 17 years I have used the road, or the 30 years my wife has. A more sensible approach would be to have a single yellow line time specific restrictions around school hours. I would also suggest creating a 20mph zone for the school area itself.	Noted - there is already a 20mph speed limit in place around the school.
Jordan	Support	Councillor Jordan supported the originally proposed extents of the double yellow lines as consulted upon. The proposed extent of the double yellow lines now recommended to be implemented is not as per that originally consulted upon (the extent of the double yellow lining to be implemented has been reduced from that originally consulted upon).	The proposed extents of the double yellow lines to be implemented are not as that originally consulted upon. The extent of the double yellow lines proposed in this report has been reduced on the western side of Chapel Road opposite the exit from Harold Road compared to those originally consulted upon. Officers consider that the reduced extents of double yellow lines are more proportionate at the junction referred to above.

Rogers	Objection	<p>The proposal of yellow lines outside my property in Chapel Rd, Abergavenny, and the surrounding areas are of great concern to me. As a disabled driver i struggle to park as it is, as all the surrounding streets are already clogged with cars nose to tail. These include, Stanhope st; North st. Orchard close, and Cantref rd. The residents in Cantref road are constantly voicing their objections to us for parking there and several times have been asked to move. My vehicle has been damaged several times parked in Cantref rd and i did inform the police each time it was keyed, mirrors stolen and scratched many other people have also have their vehicles damaged just for parking in Cantref Rd. As a disabled driver i need to be able to park close to my address as i have a mobility problem. My car is my life line and l'm constantly stressing about where to park it. Yellow lines is just going to make my problems a lot worse! And for other residents .I do understand there is a traffic problem in the area, but if other people didn't park here to go to town, dentist, walking up mountains etc the congestion wouldn't be so bad! Also many residents have multiple vehicles including trucks and vans brought home from work! This road is also used as a short cut from brecon road to pennypound which causes the most awful congestion in the afternoon, surely this could be changed! Please advise me as to where i am supposed to park if the yellow lines go ahead!!!</p>	Noted
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Callard	Objection	Mr Callard submitted an objection requesting additional information, some of which is unavailable (One Way Orders). He indicated he cannot provide a full objection without first having additional information.	Noted - A draft response has been produced, however, has not been sent to date.
Thurston	Objection	<p>I live on Chapel Road and would be grateful for more information on the proposed traffic order prohibiting waiting at any time.</p> <p>As well as living on the road concerned I am also Chairman of Abergavenny Cycle Group, a local charity that campaigns to improve conditions for cycling in the town and surrounding area. I am especially keen to know what impact (positive or negative) the proposals will have on cyclists.</p> <p>There are a number of problems in that part of the town, chief among them is pavement parking, also congestion at certain times of day, and speeding in a 20mph zone. Have the proposals been designed to address these problems?</p> <p>I look forward to hearing from you.</p>	Noted
Abergavenny Town Council	Support	The Town Council supports the proposals as per those originally consulted upon. It also wishes it noted that it is concerned regarding the level of enforcement.	Noted. The recommendation in this report is to proceed to implement a reduced length of double yellow lines (than that originally consulted upon) on the western side of Chapel Road at its junction with Harold Road.

<b>Matthews</b>	<b>Support</b>	<p>I have walked the area with the local officer and parking on the street is at a premium however most of the proposed additions would seem to enhance the safe use of the road junctions, there are some signs in the area yellow in colour and of a similar size to your notices to encourage residents to provide a response on the reduction of on street parking.</p> <p>The junction of Stanhope Street and Chapel Road has already some time ago had the prohibition of waiting area extended, I assume that this area is currently not enforceable.</p> <p>The proposed amendments would seem to be in place to provide additional safety for vehicle and pedestrian movements at the road junctions which would seem to be appropriate. I did notice also at the junction of Stanhope Street and Chapel road the uncontrolled crossing of Stanhope Street only has one line of tactile paving. Local Officers advise that at School leaving times of Harold Road Junior School, Avenue Road becomes congested with parked vehicles and as with all schools parents and guardians seem to come to the area some twenty minutes before the pupils come out, this makes through vehicle movements very difficult and pupils having to cross the road between parked vehicles so creating a danger. Is it possible additional waiting restrictions at these times could be put in place that would create passing places and so not increase vehicle speeds. I also note that outside Harold road school there are School Keep Clear carriageway markings but there are no signs to advise drivers at what time these markings become enforceable which is required in the TSRGD of 2016.</p>	<b>Noted</b>
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## Future Generations Evaluation ( includes Equalities and Sustainability Impact


<p><b>Name of the Officer</b> completing the evaluation Paul Keeble</p> <p><b>Phone no:</b>01633644733 <b>E-mail:</b>PaulKeeble@monmouthshire.gov.uk</p>	<p><b>Please give a brief description of the aims of the proposal</b> To address the road safety concerns regarding illegal parking and obstructive parking at specific locations on the public highway.</p>
<p><b>Name of Service</b> Highways</p>	<p><b>Date Future Generations Evaluation</b> form completed 26<sup>th</sup> February 2018</p>





1. **Does your proposal deliver any of the well-being goals below?** Please explain the impact (positive and negative) you expect, together with suggestions of how to mitigate negative impacts or better contribute to the goal.

Well Being Goal	How does the proposal contribute to this goal? (positive and negative)	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<p><b>A prosperous Wales</b> Efficient use of resources, skilled, educated people, generates wealth, provides jobs</p>	Neutral	N/A
<p><b>A resilient Wales</b> Maintain and enhance biodiversity and ecosystems that support resilience and can adapt to change (e.g. climate change)</p>	Neutral	N/A
<p><b>A healthier Wales</b> People's physical and mental wellbeing is maximized and health impacts are understood</p>	Positive	N/A

<b>Well Being Goal</b>	<b>How does the proposal contribute to this goal? (positive and negative)</b>	<b>What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?</b>
<b>A Wales of cohesive communities</b> Communities are attractive, viable, safe and well connected	Positive	N/A
<b>A globally responsible Wales</b> Taking account of impact on global well-being when considering local social, economic and environmental wellbeing	Neutral	N/A
<b>A Wales of vibrant culture and thriving Welsh language</b> Culture, heritage and Welsh language are promoted and protected. People are encouraged to do sport, art and recreation	Neutral	N/A
<b>A more equal Wales</b> People can fulfil their potential no matter what their background or circumstances	Neutral	N/A

## 2. How has your proposal embedded and prioritised the sustainable governance principles in its development?

<b>Sustainable Development Principle</b>	<b>How does your proposal demonstrate you have met this principle?</b>	<b>What has been done to better to meet this principle?</b>
 Balancing short term need with long term and planning for the future	N/A	

Sustainable Development Principle	How does your proposal demonstrate you have met this principle?	What has been done to better to meet this principle?
 <p>Collaboration</p> <p>Working together with other partners to deliver objectives</p>	N/A	
 <p>Involvement</p> <p>Involving those with an interest and seeking their views</p>	N/A	
 <p>Prevention</p> <p>Putting resources into preventing problems occurring or getting worse</p>	N/A	
 <p>Integration</p> <p>Positively impacting on people, economy and environment and trying to benefit all three</p>	N/A	

**3. Are your proposals going to affect any people or groups of people with protected characteristics?** Please explain the impact, the evidence you have used and any action you are taking below.

<b>Protected Characteristics</b>	<b>Describe any positive impacts your proposal has on the protected characteristic</b>	<b>Describe any negative impacts your proposal has on the protected characteristic</b>	<b>What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?</b>
Age	Encourage more school children to walk to school by improving the level of road safety thereby having health benefits.		N/A
Disability	N/A		N/A
Gender reassignment	N/A		
Marriage or civil partnership	N/A		
Race	N/A		
Religion or Belief	N/A		
Sex	N/A		
Sexual Orientation	N/A		
Welsh Language	N/A		

**4. Council has agreed the need to consider the impact its decisions has on important responsibilities of Corporate Parenting and safeguarding. Are your proposals going to affect either of these responsibilities?** For more information please see the guidance note <http://hub/corporatedocs/Democratic%20Services/Equality%20impact%20assessment%20and%20safeguarding.docx> and for more on Monmouthshire's Corporate Parenting Strategy see <http://hub/corporatedocs/SitePages/Corporate%20Parenting%20Strategy.aspx>

	<b>Describe any positive impacts your proposal has on safeguarding and corporate parenting</b>	<b>Describe any negative impacts your proposal has on safeguarding and corporate parenting</b>	<b>What will you do/ have you done to mitigate any negative impacts or better contribute to positive impacts?</b>
Safeguarding	N/A		
Corporate Parenting	N/A		

**5. What evidence and data has informed the development of your proposal?**

Officers have undertaken several visits (including site visits with local community representatives) to this location and observed the issues of illegal and obstructive parking on the highway and the resulting difficulties in vehicle turning manoeuvres and in pedestrian safety.

**6. SUMMARY: As a result of completing this form, what are the main positive and negative impacts of your proposal, how have they informed/changed the development of the proposal so far and what will you be doing in future?**

The proposed traffic regulation order will enable increased forward visibility at road junctions and the new prohibition of waiting at any time road markings will clearly inform drivers to not park at these locations on the highway and will make police enforcement of the restrictions easier and more efficient.

**7. Actions. As a result of completing this form are there any further actions you will be undertaking? Please detail them below, if applicable.**

What are you going to do	When are you going to do it?	Who is responsible	Progress
Implement order and appropriate works	Following publication of notice of making.	Traffic & Network Team	On-going

**8. Monitoring: The impacts of this proposal will need to be monitored and reviewed. Please specify the date at which you will evaluate the impact, and where you will report the results of the review.**

The impacts of this proposal will be evaluated on:	April/May 2019.
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**SECTION 1. - ROAD TRAFFIC REGULATION ACT 1984**

**NOTICE OF INTENTION TO MAKE A PERMANENT ORDER**

**MONMOUTHSHIRE COUNTY COUNCIL  
PROHIBITION OF WAITING AT ANY TIME  
(CHAPEL ROAD, STANHOPE STREET, CANTREF ROAD, AVENUE ROAD,  
HAROLD ROAD, ABERGAVENNY)**

**TRAFFIC REGULATION ORDER 2017**

**NOTICE IS HEREBY GIVEN** that Monmouthshire County Council of County Hall, The Rhadyr, Usk, NP15 1GA ("the Council") proposes to make a Road Traffic Regulation Order as follows:

**EFFECT OF THE ORDER:** Extend the current prohibition of waiting restrictions on Chapel Road, Stanhope Street, Cantref Road, Avenue Road and Harold Road Abergavenny by restricting vehicular parking outlined in the proposed Schedule of restrictions. The Council has received concerns from community representatives regarding the adverse effect on the flow of highway users of the existing situation of vehicular parking.

Further details of the proposed Order comprising a plan, statement of reasons for proposing to make the Order and the Monmouthshire County Council (Chapel Road, Stanhope Street and Cantref Road) (Prohibition of Waiting) Order 2003 and the (Avenue Road and Harold Road) Prohibition of Waiting Order 2003 which is to be revoked by this proposal may be examined during normal office hours at the County Hall, The Rhadyr, Usk, NP15 1GA and the Councils Abergavenny Community Hub, Baker Street, Abergavenny, NP7 5BD. If you wish to telephone to obtain further information about this proposal please telephone 01633 – 644026 or alternatively email [clairewilliams@monmouthshire.gov.uk](mailto:clairewilliams@monmouthshire.gov.uk).

Any objections in respect of this proposal should be made in writing, stating the grounds on which the objection is being made and should be sent to Head of Legal Services, Monmouthshire County Council, PO Box 106, Caldicot, NP26 9AN not later than the 6<sup>th</sup> of October 2017. Please quote reference CW/H45/60.0844 on any correspondence.

**Date: 18<sup>th</sup> August 2017**

**R Tranter**





## **ADRAN 1. - DEDDF RHEOLEIDDIO TRAFFIG FFORDD 1984**

### **HYSBYSIAD O BENDERFYNIAD I WNEUD GORCHYMYN PARHAOL**

#### **CYNGOR SIR FYNWY**

#### **GWAHARDD AROS AR UNRHYW ADEG**

**(HEOL Y CAPEL, STRYD STANHOPE, HEOL Y CANTREF, HEOL Y GOEDLAN,  
HEOL HAROLD, Y FENNI)**

#### **GORCHYMYN RHEOLI TRAFFIG 2017**

**HYSBYSIR DRWY HYN** fod Cyngor Sir Fynwy, Neuadd y Sir, Y Rhadyr, Brynbuga, NP15 1GA ("y Cyngor") yn bwriadu gwneud Gorchymyn Rheoleiddio Traffig Ffordd fel a ganlyn:

**EFFAITH Y GORCHYMYN:** Ymestyn y gwaharddiad presennol o gyfyngiadau aros ar Heol y Capel, Stryd Stanhope, Heol y Cantref, Heol y Goedlan a Heol Harold, Y Fenni trwy gyfyngu ar barcio cerbydau a amlinellir yn yr Atodlen gyfyngiadau arfaethedig. Mae'r Cyngor wedi derbyn pryderon gan gynrychiolwyr y gymuned ynghylch yr effaith andwyol ar lif y defnyddwyr priffyrdd o ran sefyllfa bresennol parcio cerbydau.

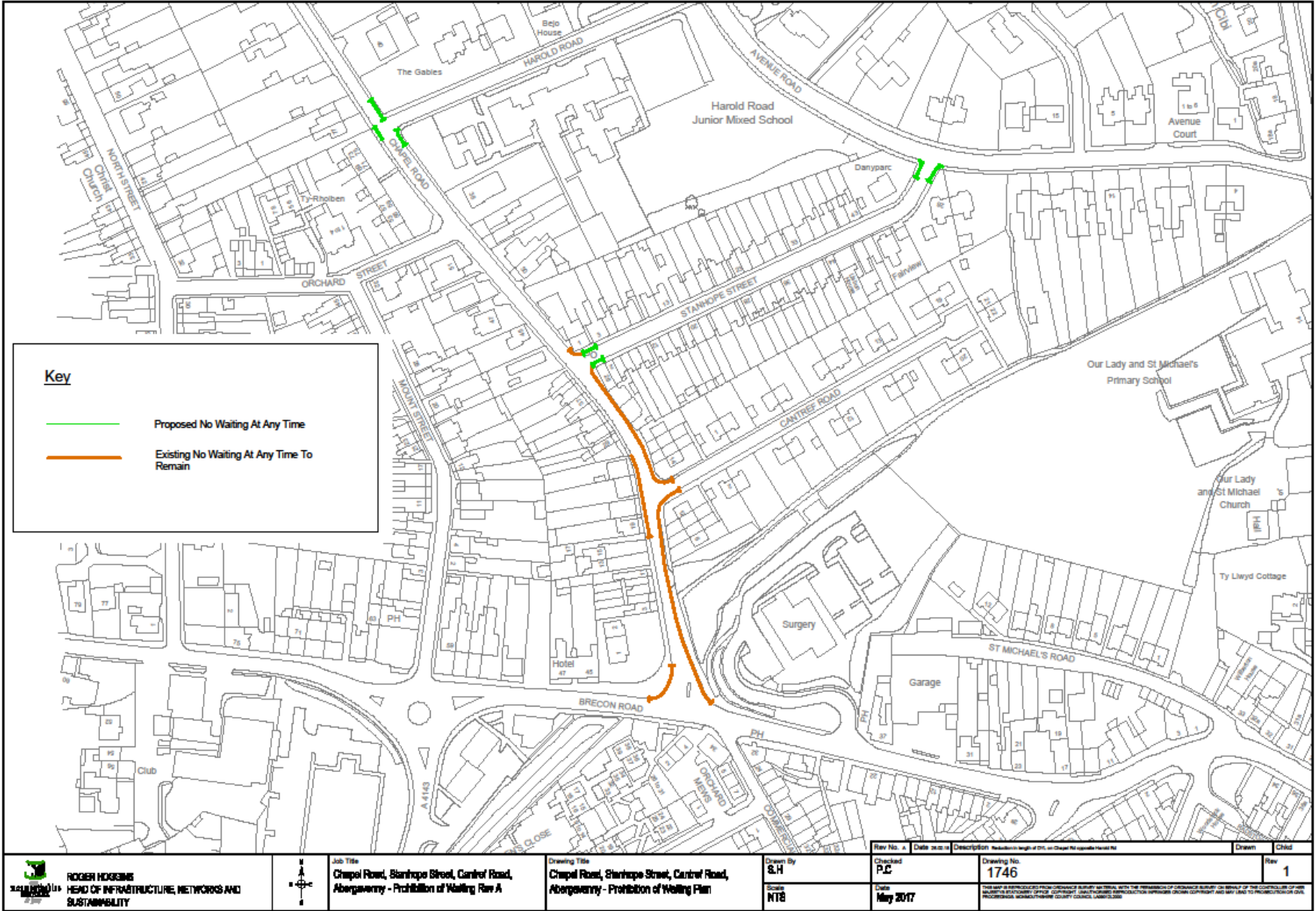
Gellir gweld rhagor o fanylion am y Gorchymyn arfaethedig sy'n cynnwys cynllun, datganiad o resymau dros gynnig i wneud Gorchymyn, a Gorchymyn Cyngor Sir Fynwy (Heol y Capel, Stryd Stanhope, Heol y Cantref) (Gwahardd Aros) 2003 a Gorchymyn Gwahardd Aros (Heol y Goedlan a Heol Harold) 2003 a ddiddymir gan y cynnig hwn, yn ystod oriau swyddfa arferol yn Neuadd y Sir, Y Rhadyr, Brynbuga, NP15 1GA a Chanolfan Gymunedol y Fenni, Baker Street, Y Fenni, NP7 5BD. Os hoffech ffonio i gael rhagor o wybodaeth am y cynnig hwn, ffoniwch 01633 644026 neu anfonwch e-bost at [clairewilliams@monmouthshire.gov.uk](mailto:clairewilliams@monmouthshire.gov.uk).

Dylid gwneud unrhyw wrthwynebiadau mewn perthynas â'r cynnig hwn yn ysgrifenedig, gan nodi'r sail y mae'r gwrthwynebiad yn cael ei wneud arni, a dylid ei anfon at Bennaeth Gwasanaethau Cyfreithiol, Cyngor Sir Fynwy, Blwch Post 106, Cil-y-coed, NP26 9AN heb fod yn hwyrach na'r 6<sup>ed</sup> Hydref 2017. Dyfynnwch gyfeirnod CW/H45/60.0844 ar unrhyw ohebiaeth.

**Dyddiad:** 18<sup>fed</sup> Awst 2017

**R Tranter**

**Pennaeth Gwasanaethau Cyfreithiol**



**ROGER HOGKINS**  
 HEAD OF INFRASTRUCTURE, NETWORKS AND SUSTAINABILITY



Job Title  
**Chapel Road, Stanhope Street, Cantref Road, Abergavenny - Prohibition of Waiting Rev A**

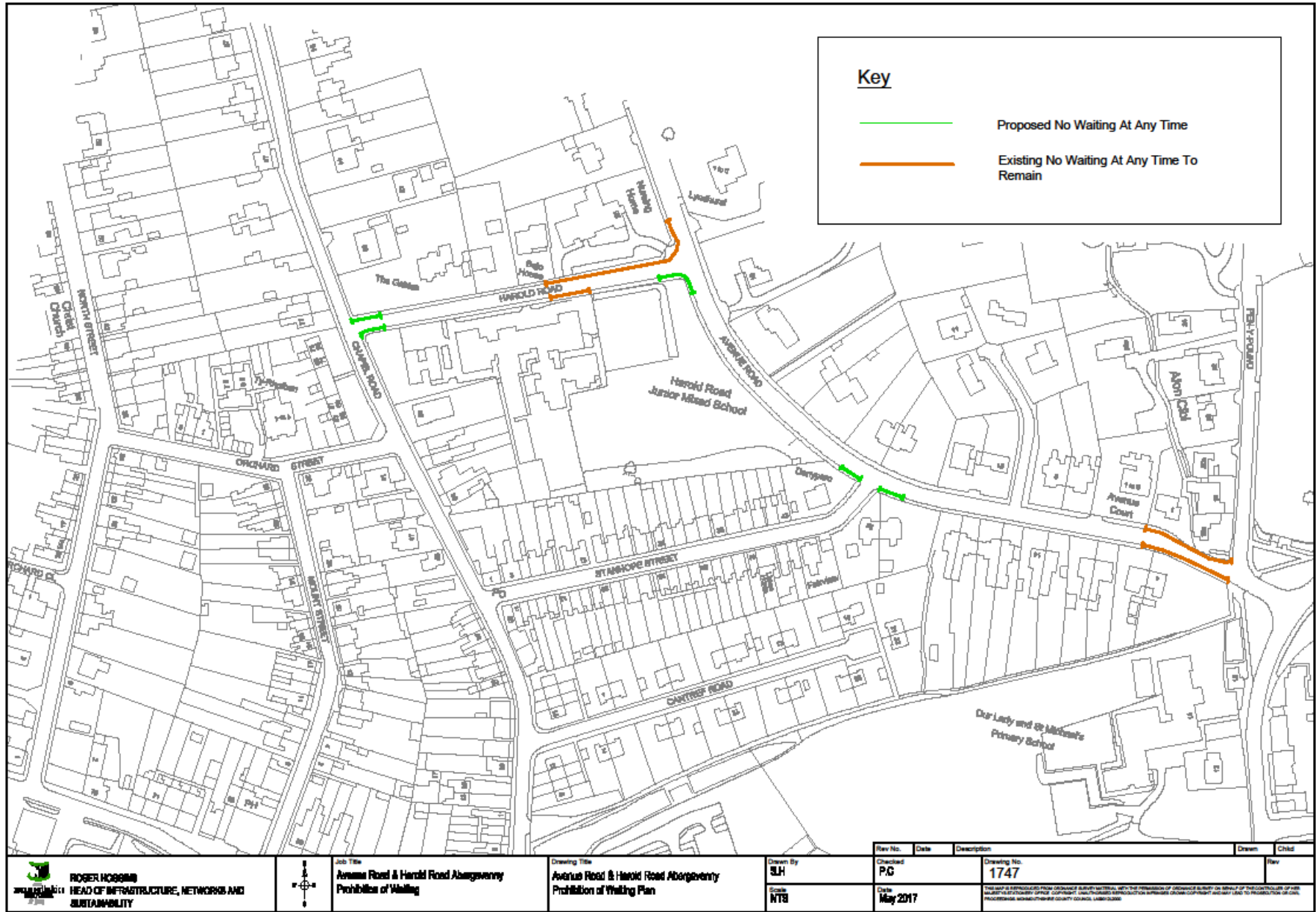
Drawing Title  
**Chapel Road, Stanhope Street, Cantref Road, Abergavenny - Prohibition of Waiting Plan**

Drawn By  
**S.H**

Scale  
**NTS**

Rev No. & Date	Description	Drawn	Checkd
1 May 2017	1746		

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**MONMOUTHSHIRE COUNTY COUNCIL.**

**(CHAPEL ROAD, STANHOPE STREET, CANTREF ROAD, AVENUE ROAD, HAROLD ROAD, ABERGAVENNY  
(PROHIBITION OF WAITING) ORDER 2017**

This order hereby revokes:-

**THE MONMOUTHSHIRE COUNTY COUNCIL.  
(CHAPEL ROAD, STANHOPE STREET AND CANTREF ROAD)  
(PROHIBITION OF WAITING) ORDER 2003  
THE MONMOUTHSHIRE COUNTY COUNCIL  
(AVENUE ROAD AND HAROLD ROAD)  
(PROHIBITION OF WAITING) ORDER 2003**

**SCHEDULE.  
PROHIBITION OF WAITING AT ANY TIME.**

**1. Chapel Road.**

- (a) East side, from a point eight metres north of the northern kerb line of Stanhope Street to its junction with the northern kerb line of Stanhope Street.
- (b) East side, from its junction with the southern kerb line of Stanhope Street to its junction with the northern kerb line of Cantref Road.
- (c) East side, from its junction with the southern kerb line of Cantref Road to its junction with the northern kerb line of Brecon Road.
- (d) West side, from a point one hundred and twenty three metres south of the southern kerb line of Orchard Street, for a distance of thirty five metres in a southerly direction.
- (e) West side, from its junction with the northern kerb line of Brecon Road, for a distance of twenty metres in a northerly direction.
- (f) East side, from its junction with the northern kerb line of Harold Road for a distance of ten metres in a northerly direction.
- (g) East side, from its junction with the southern kerb line of Harold Road for a distance of ten metres in a southerly direction.
- (h) West side, from a point 56.7 metres north west of the center line of Orchard Street for a distance of five metres in a south easterly direction.

**2. Stanhope Street.**

- (a) North side, from its junction with the eastern kerb line of Chapel Road, for a distance of nine metres in an easterly direction.
- (b) South side, from its junction with the eastern kerb line of Chapel Road, for a distance of seven metres in an easterly direction.
- (c) North side, from its junction with the southern kerb line of Avenue Road for a distance of ten metres in a south westerly direction.

(d) South side, from its junction with the southern kerb line of Avenue Road for a distance of ten metres in a south westerly direction.

### **3. Cantref Road.**

- (a) North side, from its junction with the eastern kerb line of Chapel Road, for a distance of seven metres in an easterly direction.
- (b) South side, from its junction with the eastern kerb line of Chapel Road, for a distance of nine metres in an easterly direction.

### **4. Avenue Road**

- (a) Both sides, from its junction with Pen-y-Pound, for a distance of 45 metres in a north-easterly direction.
- (b) South-west side, from the northern kerb line of Harold Road, for a distance of 15 metres in a north-westerly direction.
- (c) South-west side, from its junction with the southern kerb line of Stanhope Street for a distance of 10 metres in a south-easterly direction.
- (d) South-west side, from its junction with the northern kerb line of Stanhope Street for a distance of 10 metres in a north-westerly direction.
- (e) South-west side, from its junction with the southern kerb line of Harold Road for a distance of 10 metres in a south-easterly direction.

### **5. Harold Road**

- (a) North-west side, from its junction with Avenue Road for a distance of 57 metres in a south-westerly direction.
- (b) North-west side, from its junction with the eastern kerb line of Chapel road for a distance of 10 metres in a north-easterly direction.
- (c) South-east side, from its junction with the Avenue Road for a distance of 10 metres in a south-westerly direction.
- (d) South-east side, from a point 43 metres south east of its junction with Avenue Road for a distance of 15 metres in a south-easterly direction.

## **STATEMENT OF REASONS**

Monmouthshire County Council has received road safety related concerns from local community representatives and residents regarding inappropriate and obstructive vehicle parking and the safety of vulnerable highway users including pedestrians and school children attending Cantref School. The Council proposes to restrict vehicular parking at the locations listed in the proposed Schedule of restrictions. The Council has also received concerns from community representatives regarding the adverse effect on the flow of highway users of the existing situation of vehicular parking.

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**SUBJECT: Post Re Evaluation of Lead Community Improvement Supervisor (working with prisoners)**

**MEETING: INDIVIDUAL CABINET MEMBER DECISION**

**DATE: 9<sup>th</sup> May 2018**

**DIVISION/WARDS AFFECTED: All Wards**

**CABINET MEMBER: Councillor P Murphy**

## NON-PUBLICATION

N/A

Page 247

### PURPOSE:

To seek member approval to implement a salary increase following the post re-evaluation of the above post.

## 2. RECOMMENDATIONS:

2.1 That the grade for the post be raised from an E to an F in line with the post job re-evaluation and Job description.

## 3. KEY ISSUES:

The prison service provide a valuable placements resource to MCC.

The teams carryout various operational activities for communities throughout Monmouthshire, undertaking maintenance and improvement works that are no longer undertaken by our staff due to reductions in resources.

This is a crucial role in assessing the suitability and capability of those placements and involves direct liaison with the Prison Service.

## 4. OPTIONS APPRAISAL

The post has been re-evaluated in line with Council Policy and Procedure.

If not approved there would be no overall Supervision and assessment of our Community Improvement Teams.

**5. EVALUATION CRITERIA**

**Attached**

**6. REASONS:**

Our Community improvement teams provide a much valued high quality service throughout Monmouthshire and engage daily with Members, Community Councillors, and various clients in undertaking works within their respective Wards, of which are inclusive of litter picking to Trunk Roads throughout Monmouthshire, path clearance, clearance of overgrown areas, grass cutting, hedge cutting.

**7. RESOURCE IMPLICATIONS:**

The annual salary for post of Lead Community Improvement Supervisor would increase by £3293.00 of which would increase annually on an incremental basis.

The post is funded wholly by Welsh Government Tidy Towns Grant funding.

**8. WELLBEING OF FUTURE GENERATIONS IMPLICATIONS (INCORPORATING EQUALITIES, SUSTAINABILITY, SAFEGUARDING AND CORPORATE PARENTING):**

**9. CONSULTEES:**

**Cabinet Members**

**10. BACKGROUND PAPERS:**

*Not applicable*

**11. AUTHOR: Nigel Leaworthy**

**CONTACT DETAILS: Mr Nigel Leaworthy Operations Manager**



### Evaluation Criteria – Cabinet, Individual Cabinet Member Decisions & Council

Title of Report:	
Date decision was made:	
Report Author:	

#### What will happen as a result of this decision being approved by Cabinet or Council?

What is the desired outcome of the decision?  
 To approve the report to increase salary in line with job re-evaluation process.  
 What effect will the decision have on the public/officers? It would have a positive impact regarding the support of members and their individual wards in implementing and sustaining the cleanliness of our Trunk Roads, Towns and villages, in addition giving critical support to our existing Community Support Team, also in providing more flexibility and robustness in increasing future Community Support Team provision.

12 month appraisal

Was the desired outcome achieved? What has changed as a result of the decision? Have things improved overall as a result of the decision being taken?

#### What benchmarks and/or criteria will you use to determine whether the decision has been successfully implemented?

Think about what you will use to assess whether the decision has had a positive or negative effect:  
 Has there been an increase/decrease in the number of users  
 Has the level of service to the customer changed and how will you know  
 If decision is to restructure departments, has there been any effect on the team (e.g increase in sick leave)

We will maintain a record of completed works carried out by the Community Improvement Teams to assess cost effectiveness of delivery

12 month appraisal

*Paint a picture of what has happened since the decision was implemented. Give an overview of how you fared against the criteria. What worked well, what didn't work well. The reasons why you might not have achieved the desired level of outcome. Detail the positive outcomes as a direct result of the decision. If something didn't work, why didn't it work and how has that effected implementation.*

#### What is the estimate cost of implementing this decision or, if the decision is designed to save money, what is the proposed saving that the decision will achieve?

Give an overview of the planned costs associated with the project, which should already be included in the report, so that once the evaluation is completed there is a quick overview of whether it was delivered on budget or if the desired level of savings was achieved.

There is a small increase in staff costs that disproportionately improve the service delivery.

12 month appraisal

*Give an overview of whether the decision was implemented within the budget set out in the report or whether the desired amount of savings was realised. If not, give a brief overview of the reasons why and what the actual costs/savings were.*

Any other comments

## Appendix 1.

### Well-being and Future Generations Assessment

<p><b>Name of the Officer</b> Nigel Leaworthy</p> <p><b>Phone no:</b> 01633 644151</p> <p><b>E-mail:</b> nigelleaworthy@monmouthshire.gov.uk</p>	<p><b>Please give a brief description of the aims of the proposal</b></p> <p>To agree the increase in salary of Lead Community Improvement Supervisor in accordance with the post re evaluation</p>
<p><b>Name of Service</b></p> <p>Waste &amp; Street Services</p>	<p><b>Date Future Generations Evaluation</b> December 2019</p>

Page 251



1. **Does your proposal deliver any of the well-being goals below?** Please explain the impact (positive and negative) you expect, together with suggestions of how to mitigate negative impacts or better contribute to the goal.




Well Being Goal	How does the proposal contribute to this goal? (positive and negative)	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<p><b>A prosperous Wales</b></p> <p>Efficient use of resources, skilled, educated people, generates wealth, provides jobs</p>	<p>The Community Improvement Teams provide a cost effective service keeping our urban districts clean, tidy and well-presented. MCC would not be able to provide this level of service commitment by other means without an impact on other services.</p> <p>The work carried out by the teams contributes to the high standards of presentation of town centres that promotes retail visitors and therefore economic activity and in residential districts contributes to desirability and stable house prices</p>	<p>Prison and community service teams are at risk of poor public perception due to the background context of the participants. The purpose of this report is to ensure that this supervision is in place</p>

Well Being Goal	How does the proposal contribute to this goal? (positive and negative)	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<p><b>A resilient Wales</b></p> <p>Maintain and enhance biodiversity and ecosystems that support resilience and can adapt to change (e.g. climate change)</p>	<p>The Community Improvement Teams work in support of the objective of Waste and Street Services (WSS) department. In the last few years, WSS have undergone reviews of its land management practice to ensure that it meets the needs of Biodiversity and resilient Ecosystems. These reviews are ongoing within a culture of ongoing improvement and innovation. Therefore, the Community Improvement Team will be working in line with the Resilient Wales Theme</p>	<p>To ensure that the teams meet this aspiration, the supervisor will receive appropriate information, instruction and training to ensure high standard of work</p>
<p><b>A healthier Wales</b></p> <p>People's physical and mental wellbeing is maximized and health impacts are understood</p>	<p>It is well understood that high quality environments contribute to people's physical and mental wellbeing. As the Commuality Development Teams core purpose is to maintain our environments, they will contribute to a healthier Wales.</p> <p>The work carried out will also contribute to the wellbeing of the participants through physical exercise in the natural environment.</p>	
<p><b>A Wales of cohesive communities</b></p> <p>Communities are attractive, viable, safe and well connected</p>	<p>See comments above</p>	
<p><b>A globally responsible Wales</b></p> <p>Taking account of impact on global well-being when considering local social, economic and environmental wellbeing</p>	<p>Increasing populations and subsequent populations has an impact on fly tipping and litter issues. As a county with coast line and rives leading directly to the sea, these issues have a direct global impact. The Community Development teams contribute to the management of litter and fly tipping allowing WSS to respond as swiftly as possible to reported offences,</p>	

Well Being Goal	How does the proposal contribute to this goal? (positive and negative)	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
	therefore contributing to meeting our global responsibilities	
<b>A Wales of vibrant culture and thriving Welsh language</b>  Culture, heritage and Welsh language are promoted and protected. People are encouraged to do sport, art and recreation	neutral	neutral
<b>A more equal Wales</b>  People can fulfil their potential no matter what their background or circumstances	All participants are treated equally and fairly within the structures that the Teams are set.	Recruiting to operational posts in Grounds and Waste in WSS is challenging. There is potential to identify future employees for WSS

2. How has your proposal embedded and prioritised the sustainable governance principles in its development?

Sustainable Development Principle	How does your proposal demonstrate you have met this principle?	What has been done to better to meet this principle?
 <p>Long-term</p> <p>Balancing short term need with long term and planning for the future</p>	It is envisaged that there will be a long term need for placements into this type of work based activity and to which is matched the long term need to provide this type of service. Therefore, this is a good match	
 <p>Collaboration</p> <p>Working together with other partners to deliver objectives</p>	This is a good example of partnership working with other statutory bodies	

Sustainable Development Principle	How does your proposal demonstrate you have met this principle?	What has been done to better to meet this principle?
 <p>Involvement</p> <p>Involving those with an interest and seeking their views</p>	<p>The teams provide a reactionary service to residents placing service requests through the MyMonmouthshire App</p>	
 <p>Prevention</p> <p>Putting resources into preventing problems occurring or getting worse</p>	<p>NA</p>	
 <p>Integration</p> <p>Positively impacting on people, economy and environment and trying to benefit all three</p>	<p>The service helps to ensure people's concerns are dealt with quickly and that the condition of our build and natural assets are maintained</p>	

**3. Are your proposals going to affect any people or groups of people with protected characteristics?** Please explain the impact, the evidence you have used and any action you are taking below.

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Age	The proposal does not have an impact on protected characteristics of individuals.		
Disability			
Gender reassignment			
Marriage or civil partnership			
Race			
Religion or Belief			
Sex			
Sexual Orientation			
Welsh Language			

4. Council has agreed the need to consider the impact its decisions has on important responsibilities of Corporate Parenting and safeguarding. Are your proposals going to affect either of these responsibilities? For more information please see the guidance note <http://hub/corporatedocs/Democratic%20Services/Equality%20impact%20assessment%20and%20safeguarding.docx> and for more on Monmouthshire's Corporate Parenting Strategy see <http://hub/corporatedocs/SitePages/Corporate%20Parenting%20Strategy.aspx>

	Describe any positive impacts your proposal has on safeguarding and corporate parenting	Describe any negative impacts your proposal has on safeguarding and corporate parenting	What will you do/ have you done to mitigate any negative impacts or better contribute to positive impacts?
Safeguarding	As 4 above, the proposals do not affect individuals and thereby do not affect or impact on the Council's corporate parenting and safeguarding duties.		
Corporate Parenting			

Page 256

5. What evidence and data has informed the development of your proposal?

Ongoing reviews of service area
---------------------------------



**6. SUMMARY: As a result of completing this form, what are the main positive and negative impacts of your proposal, how have they informed/changed the development of the proposal so far and what will you be doing in future?**

The proposal sets out to maintain service delivery in constrained times in a cost effective manner. There are no significant negative factors

**7. Actions. As a result of completing this form are there any further actions you will be undertaking? Please detail them below, if applicable.**

<b>What are you going to do</b>	<b>When are you going to do it?</b>	<b>Who is responsible</b>	<b>Progress</b>
Ensure Supervisor receives appropriate levels of Information, Instruction and Training	As part of normal CICO process	Nigel Leaworthy	Ongoing

Page 257

**8. Monitoring: The impacts of this proposal will need to be monitored and reviewed. Please specify the date at which you will evaluate the impact, and where you will report the results of the review.**

The impacts of this proposal will be evaluated on: December 18

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**SUBJECT:** PROPOSED 20 MPH, 30 MPH AND 40 MPH SPEED LIMITS, TRELLECH

**MEETING:** ICMD - Cabinet Member for County Operations

**DATE:** 9<sup>th</sup> May 2018

**DIVISION/WARDS AFFECTED:** Central, Trellech United

**1. PURPOSE:**

To consider the proposed Order subsequent to representations received following advertisement in accordance with the Local Authorities Traffic Orders (Procedure) (England and Wales) Regulations 1994.

**2. RECOMMENDATIONS:**

Not to hold an inquiry into the proposal

To approve the proposed amended Order and to implement the amended Order.

**3. KEY ISSUES:**

Monmouthshire County Council has previously received concerns from local community representatives regarding the level of road safety for the community within Trellech village including that of the children going to and from Trellech school. The current speed limit is set at 30 mph within the village of Trellech. A new 30 mph speed limit buffer will be provided on the B4293 on the southbound approach into Trellech. A new 40 mph speed limit buffer will also be provided on the B4293 south of Trellech village in the semirural environment. These buffer speed limits will assist in ensuring that vehicles enter the new 20 mph speed limit at an appropriate speed. Trellech village is a clearly defined village which is predominantly residential in character with local facilities including a school, church, hall, doctors surgery and bar/restaurants. It also attracts tourists many of whom walk to the historic attractions within the village and its environs.

#### **4. REASONS:**

Officers have visited this location on several occasions and assessed the requests for a lower speed limit in accordance with current Welsh Government guidance standards on setting lower speed limits in a village environment. The extents of the proposed 20, 30 and 40 mph speed limits have been carefully chosen to accord with current design standards and technical guidance.

Automated vehicular speed and volume counts have been undertaken as part of officer's procedure in assessing requests for a lower speed limit on the public highway. Average vehicle speed data over a 7 day continuous period at various locations on the B4293 within the village confirmed that a mandatory 20 mph speed limit could be supported in principle and is appropriate. In order to further assist in constraining vehicle speeds in the vicinity of the primary school, various engineering works have been completed including the construction of a new physical central island refuge.

Regulation 9 of the Local Authorities' Traffic Orders (Procedure) (England and Wales) Regulations 1996 enables the Council to hold a public inquiry into the proposal if there are unresolved objections. The purpose of such an inquiry would be for the proposal to be explained and subjected to examination; and for the public to be given the opportunity to make their views known. Should a public inquiry be held then it would not be possible for it to be implemented for at least six months.

A schedule of responses received is included in this report.

Officers consider that in view of the fact that no objections have been received as set out in the report, that the Council's proposals do not warrant the holding of any inquiry.

#### **5. RESOURCE IMPLICATIONS:**

The costs of the proposed Traffic Regulation Order and signing and engineering works are being funded by Monmouthshire County Council.

#### **6. SUSTAINABLE DEVELOPMENT AND EQUALITY IMPLICATIONS**

There are no sustainability issues regarding installing the new highway infrastructure.

**7. CONSULTEES:**

Senior Leadership Team  
County Councillor B Jones, Cabinet Member for County Operations  
Councillor D.Blakebrough.

**8. BACKGROUND PAPERS:**

Notice of Intention, Schedule of Objections/Comments, Traffic Regulation Order proposals plan, Schedule of Order, Statement of Reasons.

**9. AUTHOR:**

Paul Keeble Traffic & Network Manager

**10. CONTACT DETAILS:**

E-mail: [Paulkeeble@monmouthshire.gov.uk](mailto:Paulkeeble@monmouthshire.gov.uk)

Telephone: 01633 644733

<b>M490 20,30,40 mph Speed Limits Trellech</b>					
<b>Schedule of Comments</b>					
<b>Name/Address</b>	<b>Support/Object</b>	<b>Comments</b>	<b>Officer Response</b>		
<b>Councillor D. Blakebrough</b>	<b>Support</b>	<b>Has confirmed her support in writing.</b>	<b>Noted</b>		
<b>Trellech United Community Council</b>	<b>Support</b>	<b>Has confirmed its support in writing.</b>	<b>Noted</b>		
<b>Heddlu Gwent Police</b>	<b>Support</b>	<b>Gwent Police has confirmed its support in writing.</b>	<b>Noted</b>		

**SCHEDULE 1  
20mph Speed Limit**

**B4293**

**Llandogo Road**

**Catbrook Road**

**Greenway Lane**

**Roman Way**

**Roman Park View**

**De Clere Way**

**From a point 150 metres north-east of its junction with Roman Way to a point 77 metres south-west of its junction with Catbrook Road.**

**From its junction with the Catbrook Road for a distance of 154 metres in a south-easterly direction.**

**From its junction with the B4293 for a distance of 208 metres in a southerly direction.**

**From its junction with the De Clere Way for a distance of 101 metres in a north-easterly direction.**

**From its junction with the B4293 for its entire length.**

**From its junction with Roman Way for its entire length.**

**From its junction with the Greenway Lane for its entire length.**

**SCHEDULE 2  
30mph Speed Limit**

**B4293**

**From a point 150 metres north-east of its junction with Roman Way for a distance of 76 metres in a north-easterly direction.**

**SCHEDULE 3  
40mph Speed Limit**

**B4293**

**From a point 77 metres south-west of its junction with Catbrook Road for a distance of 340 metres in a south-westerly direction.**

**Statement of Reasons for Making the Order**

**Following concerns received from representatives of the local community at Trellech to address highway safety issues being experienced by residents of Trellech, Monmouthshire County Council proposes to introduce a 20mph speed limit on the B4293, Catbrook Road, Llandogo Road, Greenway Lane, Roman Way, Roman Park View and De Clere Way. It is also proposed to introduce a 40mph buffer speed limit on the B4293 on its south-western approach into Trellech which will cover a number of isolated properties outside the village. A 30 mph buffer speed limit is also proposed on the B4293 southbound approach to Trellech.**

**Monmouthshire County Council has determined that the introduction of these speed limits will contribute in creating a safer highway environment and raising the current level of road safety for all highway users living or travelling through Trellech including school children attending Trellech school.**





**ADRAN 84 - DEDDF RHEOLEIDDIO TRAFFIG Ffordd 1984**

**HYSBYSIAD BWRIAD I WNEUD GORCHYMYN PARHAOL**

**CYNGOR SIR FYNWY  
GWAHANOL DERFYNAU CYFLYMDER  
B4293, HEOL CATBROOK, HEOL LLANDOGO, LÔN GREENWAY,  
ROMAN WAY, ROMAN PARK VIEW  
A DE CLERE WAY, TRELLECH**

**GORCHYMYN RHEOLEIDDIO TRAFFIG 2017**

**HYSBYSIR DRWY HYN** bod Cyngor Sir Fynwy o Neuadd y Sir, Y Rhadyr, Brynbuga, NP15 1GA ("y Cyngor") yn cynnig gwneud gorchymyn rheoleiddio traffig ffordd fel sy'n dilyn.

**EFFAITH Y GORCHYMYN:** Mae Cyngor Sir Fynwy yn cynnig cyflwyno terfyn cyflymder o 20mya ar y B4293, Heol Catbrook, Heol Llandogo, Lôn Greenway, Roman Way, Roman Park View a De Clere Way. Cynigir hefyd gyflwyno terfyn cyflymder 40 mya ar y B4293 ar y ffordd dde-orllewinol i Drellech fydd yn cynnwys nifer o anheddau gwasgaredig tu allan i'r pentref.

Gellir archwilio manylion pellach o'r Gorchymyn arfaethedig yn cynnwys cynllun a datganiad o resymau am gynnig gwneud y Gorchymyn yn ystod oriau swyddfa arferol yn Neuadd y Sir, Y Rhadyr, Brynbuga, NP15 1GA; Siop Un Stop y Cyngor, Ffordd y Faenor, Cas-gwent. Os dymunwch ffonio i gael mwy o wybodaeth am y cynnig hwn ffoniwch 01633 - 644026 neu e bostiwch [clairewilliams@monmouthshire.gov.uk](mailto:clairewilliams@monmouthshire.gov.uk).

Dylai unrhyw wrthwynebiadau yn gysylltiedig â'r cynnig gael eu gwneud mewn ysgrifen, gan nodi ar ba sail y gwneir y gwrthwynebiad a dylid eu hanfon at Bennaeth Gwasanaethau Cyfreithiol, Cyngor Sir Fynwy, Blwch SP 106, Cil-y-coed, NP26 9AN heb fod yn hwyrach na 22 Rhagfyr 2017. Dylid nodi cyfeirnod CW/H45/60.0847 ar unrhyw ohebiaeth os gwelwch yn dda.

**Dyddiad: 20 Tachwedd 2017**

**R Tranter**

NOTICE OF INTENTION TO MAKE A PERMANENT ORDER

MONMOUTHSHIRE COUNTY COUNCIL  
VARIOUS SPEED LIMITS  
B4293, CATBROOK ROAD, LLANDOGO ROAD, GREENWAY LANE,  
ROMAN WAY, ROMAN PARK VIEW  
AND DE CLERE WAY, TRELLECH

TRAFFIC REGULATION ORDER 2017

**NOTICE IS HEREBY GIVEN** that Monmouthshire County Council of County Hall, The Rhadyr, Usk, Monmouthshire, NP15 1GA ("the Council") proposes to make a Road Traffic Regulation Order as follows:

**EFFECT OF THE ORDER:** Monmouthshire County Council proposes to introduce a 20mph speed limit on the B4293, Catbrook Road, Llandogo Road, Greenway Lane, Roman Way, Roman Park View and De Clere Way. It is also proposed to introduce a 40mph speed limit on the B4293 on its south-western approach into Trellech which will cover a number of isolated properties outside the village.

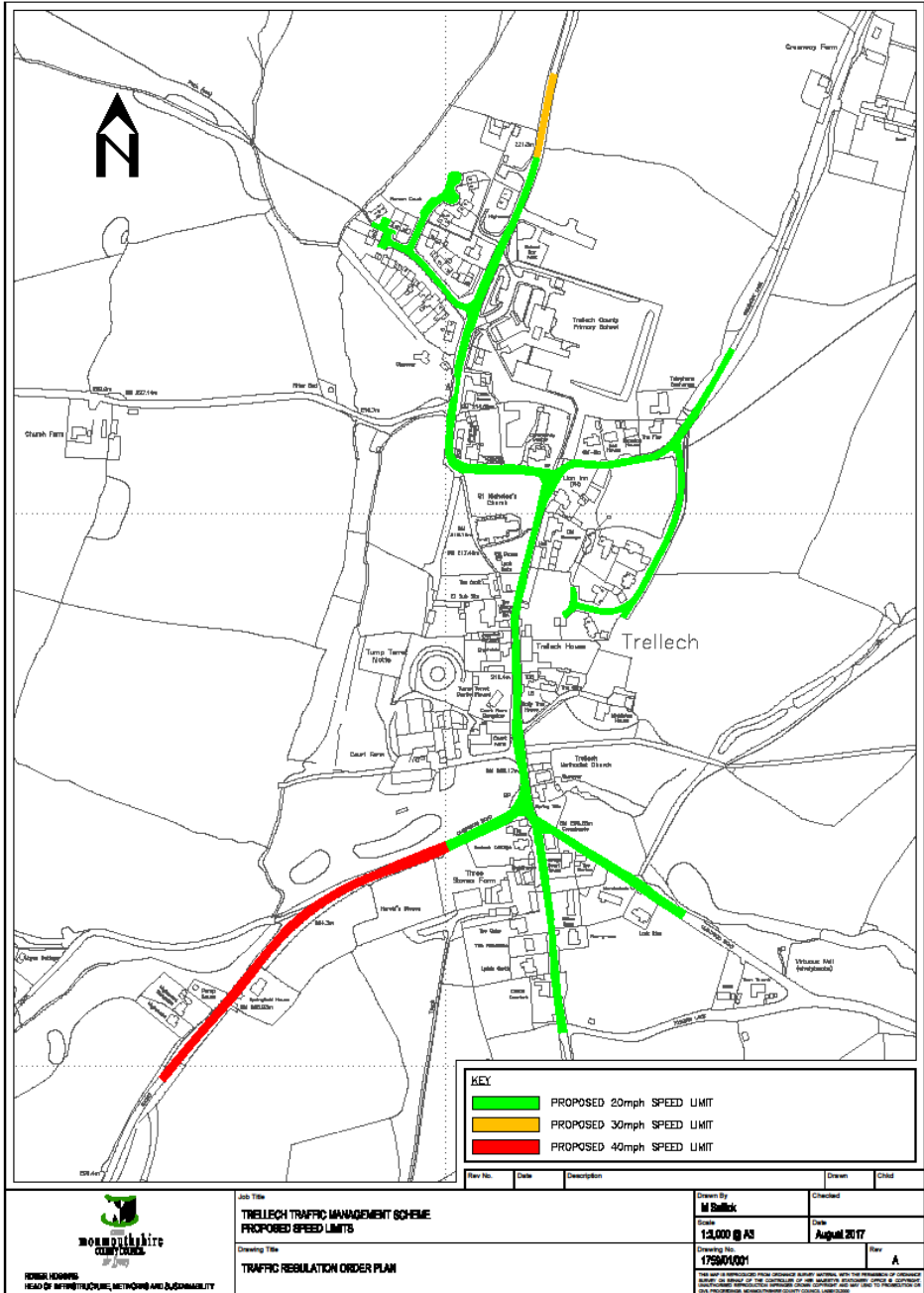
Further details of the proposed Order comprising a plan, statement of reasons for proposing to make the Order may be examined during normal office hours at County Hall, The Rhadyr, Usk, NP15 1GA and the Council's Community Hubs at Manor Way, Chepstow, NP16 5HZ and Woodstock Way, Caldicot, NP26 5DB. If you wish to telephone to obtain further information about this proposal please telephone 01633-644026 or alternatively email [clairewilliams@monmouthshire.gov.uk](mailto:clairewilliams@monmouthshire.gov.uk).

Any objections in respect of this proposal should be made in writing, stating the grounds on which the objection is being made and should be sent to Head of Legal Services, Monmouthshire County Council, PO Box 106, Caldicot, NP26 9AN not later than the 22<sup>nd</sup> of December 2017. Please quote reference CW/H45/60.0847 on any correspondence.

**Date: 20<sup>th</sup> November 2017**

**R Tranter**

**Head of Legal Services**



ROSE HODGINS  
HEAD OF STRATEGIC PLANNING, METROPS AND SUSTAINABILITY



## Future Generations Evaluation (includes Equalities and Sustainability Impact)

<p><b>Name of the Officer</b> completing the evaluation Paul Keeble</p> <p><b>Phone no:</b>01633644733 <b>E-mail:</b>PaulKeeble@monmouthshire.gov.uk</p>	<p><b>Please give a brief description of the aims of the proposal</b> To introduce a 20 mph speed limit at Trellech in order to constrain vehicular speed within the village centre which includes Trellech School in order to raise the level of road safety and to support and encourage more sustainable modes of transport within the village including travelling to and from the local school. To support the proposed 20 mph speed limit by also providing 30 mph and 40 mph buffer speed limits between the built up environment of Trellech village and the surrounding rural environment.</p>
<p><b>Name of Service</b> Highways</p>	<p><b>Date Future Generations Evaluation</b> form completed 17/4/2018.</p>






1. **Does your proposal deliver any of the well-being goals below?** Please explain the impact (positive and negative) you expect, together with suggestions of how to mitigate negative impacts or better contribute to the goal.

Well Being Goal	How does the proposal contribute to this goal? (positive and negative)	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<p><b>A prosperous Wales</b> Efficient use of resources, skilled, educated people, generates wealth, provides jobs</p>	Neutral	N/A
<p><b>A resilient Wales</b> Maintain and enhance biodiversity and ecosystems that support resilience and can adapt to change (e.g. climate change)</p>	Neutral	N/A

<b>Well Being Goal</b>	<b>How does the proposal contribute to this goal? (positive and negative)</b>	<b>What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?</b>
<b>A healthier Wales</b> People's physical and mental wellbeing is maximized and health impacts are understood	Positive (lower speed limits would support and encourage more sustainable modes of travel i.e walking/cycling within the village).	N/A
<b>A Wales of cohesive communities</b> Communities are attractive, viable, safe and well connected	Positive	N/A
<b>A globally responsible Wales</b> Taking account of impact on global well-being when considering local social, economic and environmental wellbeing	Neutral	N/A
<b>A Wales of vibrant culture and thriving Welsh language</b> Culture, heritage and Welsh language are promoted and protected. People are encouraged to do sport, art and recreation	Neutral	N/A
<b>A more equal Wales</b> People can fulfil their potential no matter what their background or circumstances	Neutral	N/A

## 2. How has your proposal embedded and prioritised the sustainable governance principles in its development?

<b>Sustainable Development Principle</b>	<b>How does your proposal demonstrate you have met this principle?</b>	<b>What has been done to better to meet this principle?</b>
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Sustainable Development Principle	How does your proposal demonstrate you have met this principle?	What has been done to better to meet this principle?
 <p>Long-term Balancing short term need with long term and planning for the future</p>	N/A	
 <p>Collaboration Working together with other partners to deliver objectives</p>	N/A	
 <p>Involvement Involving those with an interest and seeking their views</p>	N/A	
 <p>Prevention Putting resources into preventing problems occurring or getting worse</p>	N/A	
 <p>Integration Positively impacting on people, economy and environment and trying to benefit all three</p>	N/A	

**3. Are your proposals going to affect any people or groups of people with protected characteristics?** Please explain the impact, the evidence you have used and any action you are taking below.

<b>Protected Characteristics</b>	<b>Describe any positive impacts your proposal has on the protected characteristic</b>	<b>Describe any negative impacts your proposal has on the protected characteristic</b>	<b>What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?</b>
Age	Encourage more school children to walk/cycle to and from school by improving the level of road safety thereby having health benefits.		N/A
Disability	N/A		N/A
Gender reassignment	N/A		
Marriage or civil partnership	N/A		
Race	N/A		
Religion or Belief	N/A		
Sex	N/A		
Sexual Orientation	N/A		
Welsh Language	N/A		



4. **Council has agreed the need to consider the impact its decisions has on important responsibilities of Corporate Parenting and safeguarding. Are your proposals going to affect either of these responsibilities?** For more information please see the guidance note <http://hub/corporatedocs/Democratic%20Services/Equality%20impact%20assessment%20and%20safeguarding.docx> and for more on Monmouthshire's Corporate Parenting Strategy see <http://hub/corporatedocs/SitePages/Corporate%20Parenting%20Strategy.aspx>

	<b>Describe any positive impacts your proposal has on safeguarding and corporate parenting</b>	<b>Describe any negative impacts your proposal has on safeguarding and corporate parenting</b>	<b>What will you do/ have you done to mitigate any negative impacts or better contribute to positive impacts?</b>
Safeguarding	N/A		
Corporate Parenting	N/A		

5. **What evidence and data has informed the development of your proposal?**

Officers have undertaken several site visits. Automated vehicle speed and volume counts have been completed.

**6. SUMMARY: As a result of completing this form, what are the main positive and negative impacts of your proposal, how have they informed/changed the development of the proposal so far and what will you be doing in future?**

The proposed traffic regulation order will support and encourage an increase in usage of more sustainable modes of travel to and from the school and a safer highway environment more suitable for this rural village.

**7. Actions. As a result of completing this form are there any further actions you will be undertaking? Please detail them below, if applicable.**

<b>What are you going to do</b>	<b>When are you going to do it?</b>	<b>Who is responsible</b>	<b>Progress</b>
Implement order and appropriate works	Following publication of notice of making.	Traffic & Network Team	On-going

**8. Monitoring: The impacts of this proposal will need to be monitored and reviewed. Please specify the date at which you will evaluate the impact, and where you will report the results of the review.**

The impacts of this proposal will be evaluated on:	April/May 2019.
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**SUBJECT: DELETION OF VACANT 0.5FTE PLANNING POLICY MANAGER POST AND CREATION OF FIXED TERM 1.0FTE SENIOR PLANNING POLICY OFFICER POST FOR 3.5 YEARS**  
**MEETING: INDIVIDUAL CABINET MEMBER DECISION**  
**DATE: 9<sup>TH</sup> MAY 2018**  
**DIVISION/WARDS AFFECTED: ALL**

**1. PURPOSE:**

- 1.1 The purpose of this report is to seek the Cabinet Member for Enterprise's approval to delete a 0.5FTE Planning Policy Manager post and to create an additional Senior Planning Policy Officer post for a period of 3.5 years to support delivery of the new Local Development Plan.

**2. RECOMMENDATION:**

- 2.1 That Cabinet Member agrees the creation of an additional Senior Planning Policy Officer post for a period of 3.5 years, at the end of which the post would be deleted. This agreement includes authorisation to backfill any internal vacancies arising from the recruitment exercise.
- 2.2 That Cabinet Member agrees the deletion of a 0.5 FTE Planning Policy Manager post following the current post-holder's retirement at the end of May 2018.

**3. KEY ISSUES:**  
Background

- 3.1 On 19<sup>th</sup> March 2018, Council agreed to commence work on a new Monmouthshire Local Development Plan to cover the period 2018-2033. The significant project needs to be delivered within a challenging timescale to minimise the risk of a gap in Plan coverage between the expiry of the current LDP in January 2022 and the adoption of the new LDP. The Council report noted that an additional fixed term resource will be needed to achieve the timescale and committed to resourcing this project.
- 3.2 Since 19<sup>th</sup> March, the Council has received a response from the Welsh Government Cabinet Secretary confirming that Monmouthshire may proceed with its own LDP, rather than her previous request for joint LDPs. This gives us the certainty to proceed, albeit that we do not formally have the Welsh Government's approval until our Delivery Agreement is submitted and approved by WG. This is expected by the end of May 2018.
- 3.3 It is therefore proposed to create a fixed term Senior Planning Policy Officer post for a period of 3.5 years (i.e. until November 2021) by which time the LDP examination should be concluding. The post would be identical to an existing Senior Planning Officer post (Job Description attached at **Appendix 1**) and would report to the Planning Policy Manager (see structure chart at **Appendix 2**). This post will be critical to delivering the new LDP in a timely manner and will help reduce the amount of external consultant input required, and associated expense.
- 3.4 In addition, it is proposed to delete the 0.5FTE Planning Policy Manager post when the current post-holder retires at the end of May 2018. This post-holder's retirement has been planned for over the last few years, and the structure created such that 1.0FTE Planning Policy Manager remains in place. Consequently the service will retain

sufficient management and leadership capacity. The current post-holder has been working primarily on the Community Infrastructure Levy, however this work has been put on hold pending expected changes to the regulations by Westminster and/or further changes once devolved to the Welsh Government. As the new LDP strategy and growth levels are identified, it will be necessary to consider infrastructure requirements and how they are best funded. CIL may therefore become more pressing, and viability work would be undertaken alongside the new LDP by the remaining team with external support as needed.

- 3.5 The proposal has a net cost of £17,454. The fixed term post would cost £49,302 per year at top of grade including on costs. It would be funded from existing budgets utilising savings from the deletion of the 0.5FTE Planning Policy Manager post (£31,848 saving) with the remainder (£17,454) funded from the existing Planning Policy budget and/or LDP reserve.
- 3.6 It is proposed to fill the post directly off the back of recent interviews for an identical post. The resultant internal vacancies would then be backfilled accordingly. This approach will result in a short period of churn in the Development Management team which is not ideal, however it will enhance the breadth of planning experience of colleagues within the service which will result in a more rounded skill set and a broad input into the LDP, to the benefit of the whole service and the job satisfaction of the individuals in question.
- 3.7 No colleagues are detrimentally affected by the proposal. Informal staff consultation has taken place.

#### Relationship with wider activities

- 3.8 Paragraph 3.2 above provides an update in terms of the Cabinet Secretary's recent 'Joint LDP' letter. Since that time, a Green Paper has been published proposing three options for Local Government Reform. These proposals are at a very early stage and it is unclear which, if any, proposal might be taken forward. The LDP revision must proceed promptly regardless of these potential changes, and the fixed term duration of this post, and duration of the LDP project to adoption, would be concluded before the earliest 2022 suggest date for reorganisation. Consequently, the Green Paper has no implications for this proposed fixed term post.

## **4. OPTIONS APPRAISAL**

- 4.1 The following options were considered:
- Do nothing: prepare the new LDP with existing resources.
  - Create a fixed term additional post at an appropriate grade to help deliver the LDP within the Delivery Agreement timetable.
  - Create a permanent post at an appropriate grade to help deliver the LDP within the Delivery Agreement timetable.

## **5. EVALUATION CRITERIA**

- 5.1 **Option b)** is the preferred option, namely to create a fixed term Senior Planning Policy Officer post for 3.5 years, as set out in this report. This provides the necessary resource to deliver the LDP in accordance with the Delivery Agreement, based on what we currently know. The post can then be deleted once the project is completed. Option a) is discounted because it will not be realistically possible to complete the LDP within the proposed timetable with the existing resources. Option c) is discounted because a permanent post is not necessary.

## **6. REASONS:**

6.1 Under the Planning and Compulsory Purchase Act (2004) and associated Regulations, all local planning authorities are required to produce a LDP. The Monmouthshire LDP was adopted in February 2014 and expires in 2021. Council agreed on 19<sup>th</sup> March 2018 that a new Monmouthshire LDP should be produced. This approach has been agreed by the Cabinet Secretary whose portfolio includes planning. The proposed extra fixed term Senior Planning Policy Officer post provides the officer resource essential to complete this project in accordance with the approved timetable.

## **7. RESOURCE IMPLICATIONS:**

7.1 The proposal would have a net cost of £17,454, which would be met from the existing Planning Policy budget and/or LDP review. It would provide the necessary officer resource to complete this challenging project.

## **8. WELL-BEING OF FUTURE GENERATIONS IMPLICATIONS:**

### Sustainable Development

8.1 There are no direct implications arising from this proposal. Indirectly, the purpose of the LDP is to shape and enable the sustainable growth of Monmouthshire's communities and economy. The LDP itself must be subject to a Sustainability Appraisal (SA). A Future Generations Evaluation (including equalities and sustainability impact assessment) is attached to this report at **Appendix 3**.

### Equalities

8.2 There are no direct implications arising from this proposal. Recruitment is undertaken in accordance with the Council's HR policies. Indirectly, the LDP will be subject to an Equality Challenge process and due consideration given to the issues raised.

### Safeguarding and Corporate Parenting

8.3 There are no safeguarding or corporate parenting implications arising from the proposal. All colleagues have received Level 1 Safeguarding training and new recruits receive training via the induction process.

## **9. CONSULTEES**

- Planning Services Management Team
- Colleagues in the Planning Team via team meetings and 1:1s
- People Services
- Finance
- SLT
- Cabinet

## **10. BACKGROUND PAPERS:**

Appendix One – Job Descriptions  
Appendix Two – Proposed team structure  
Appendix Three – Future Generations Evaluation

## **11. AUTHOR & CONTACT DETAILS:**

Mark Hand (Head of Planning, Housing and Place-Shaping)

**Tel:** 01633 644803 / 07773 478579.

**E Mail:** [markhand@monmouthshire.gov.uk](mailto:markhand@monmouthshire.gov.uk)

## Evaluation Criteria – Cabinet, Individual Cabinet Member Decisions & Council

<b>Title of Report:</b>	<b>DELETION OF VACANT 0.5FTE PLANNING POLICY MANAGER POST AND CREATION OF FIXED TERM 1.0FTE SENIOR PLANNING POLICY OFFICER POST FOR 3.5 YEARS</b>
<b>Date decision was made:</b>	<b>9<sup>th</sup> May 2018</b>
<b>Report Author:</b>	<b>Mark Hand</b>

### What will happen as a result of this decision being approved by Cabinet or Council?

What is the desired outcome of the decision?

What effect will the decision have on the public/officers?

To create a fixed term Senior Planning Policy Officer post for 3.5 years to help deliver the new Local Development Plan, and to delete the 0.5FTE Planning Policy Manager post following the post-holder's retirement at the end of May 2018. The decision will ensure the project is properly resourced and can be delivered within the timetable proposed, based on what we currently know.

12 month appraisal: has the post been filled? Is the project on schedule?

*Was the desired outcome achieved? What has changed as a result of the decision? Have things improved overall as a result of the decision being taken?*

### What benchmarks and/or criteria will you use to determine whether the decision has been successfully implemented?

Think about what you will use to assess whether the decision has had a positive or negative effect:

Has there been an increase/decrease in the number of users

Has the level of service to the customer changed and how will you know

If decision is to restructure departments, has there been any effect on the team (e.g increase in sick leave)

12 month appraisal: the post has been filled, the post holder is a valued and integral part of the team, the project is on schedule.

*Paint a picture of what has happened since the decision was implemented. Give an overview of how you fared against the criteria. What worked well, what didn't work well. The reasons why you might not have achieved the desired level of outcome. Detail the positive outcomes as a direct result of the decision. If something didn't work, why didn't it work and how has that effected implementation.*

### What is the estimate cost of implementing this decision or, if the decision is designed to save money, what is the proposed saving that the decision will achieve?

Give an overview of the planned costs associated with the project, which should already be included in the report, so that once the evaluation is completed there is a quick overview of whether it was delivered on budget or if the desired level of savings was achieved.

The net cost of the proposal is £17,454. This will be monitored via quarterly budget reporting.

*Give an overview of whether the decision was implemented within the budget set out in the report or whether the desired amount of savings was realised. If not, give a brief overview of the reasons why and what the actual costs/savings were.*



**ROLE ADVERT****ROLE TITLE:** Senior Planning Policy Officer**FIXED TERM 3.5 YEARS****POST ID:** RDP03a**GRADE:** BAND I SCP 37 – SCP 41 £33,136 - £37,106**HOURS:** 37 Per Week**LOCATION:** County Hall, Usk (This may change in the future if the service needs to relocate. Relocation or disturbance expenses will not be paid if this happens).**WELSH LANGUAGE ASSESSMENT:** Welsh language skills are desirable**PURPOSE OF POST:**

Under the supervision and guidance of the Planning Policy Manager contribute to the implementation, monitoring, review and revision of the Monmouthshire Local Development Plan including the preparation, adoption and implementation of any replacement Plan(s), together with associated Supplementary Planning Guidance (SPG) and other related surveys.

**Should you require any further information regarding this post, please contact:  
Rachel Lewis, Planning Policy Manager Tel: 01633 644827**

**Please Note that we are not able to accept CV's**

**Application forms can be completed online or down loaded via:**

[www.monmouthshire.gov.uk/how-to-apply-for-council-jobs](http://www.monmouthshire.gov.uk/how-to-apply-for-council-jobs)

Applications may be submitted in Welsh. An application submitted in Welsh will not be treated less favourably than an application submitted in English.

Completed paper application forms should be returned to the following address:-  
People Services, Monmouthshire County Council, PO BOX 106, CALDICOT, NP26 9AN

Monmouthshire County Council is an equal opportunities employer and welcomes applications from all sections of the community.

All posts are open to job-share unless stated otherwise.  
Monmouthshire County Council operates a Smoke Free Workplace policy.

## ROLE PROFILE

**ROLE TITLE:** Senior Planning Policy Officer

**FIXED TERM 3.5 YEARS**

**POST ID:** RDP03a

**GRADE:** BAND I SCP 37 – SCP 41 £33,136 - £37,106

**HOURS:** 37 Per Week

**LOCATION:** County Hall, Usk (This may change in the future if the service needs to relocate. Relocation or disturbance expenses will not be paid if this happens).

**WELSH LANGUAGE ASSESSMENT:** Welsh language skills are desirable

**RESPONSIBLE TO:** Planning Policy Manager

**RESPONSIBLE FOR:** No staff

### Planning Services.....Who are we?

The Planning Services section seeks to allow appropriate economic development, tourism and growth, providing the homes, jobs, amenities and infrastructure needed to support sustainable and resilient communities and to support delivery of the Council's priorities.

Planning Services includes the Planning Policy team, where this post is located, and Development Management, Heritage Management and Business Support Teams.

### Our Purpose:

The Planning Policy section writes the statutory planning policy framework to allow appropriate economic development, tourism and growth, providing the homes, jobs, amenities and infrastructure needed to support sustainable and resilient communities and to support delivery of the Council's priorities.

The policy framework is evidence based and is created following community and stakeholder engagement. The section works closely with a number of organisations and stakeholders, and the ability to balance competing demands is essential.

### The Purpose of this Role:

Under the supervision and guidance of the Planning Policy Manager contribute to the implementation, monitoring, review and revision of the Monmouthshire Local Development Plan including the preparation, adoption and implementation of any replacement Plan(s), together with associated Supplementary Planning Guidance (SPG) and other related surveys.

### Expectation and Outcomes of this Role:

To assist in ensuring that the land use and sustainable development objectives of the Council are met with regard to the adequate allocation and development of land for housing, retail, recreation, education, transport, waste and other needs, in order to secure positive outcomes.

### Your responsibilities are to:-

	Function	Main Duties
1.	To take a key role in the implementation, monitoring, review and revision of the LDP (including the preparation of any replacement Plan(s) through to adoption and implementation).	<ol style="list-style-type: none"> <li>1. Assist the Planning Policy Manager in the development of the evidence base, community engagement and drafting of strategy and policies in relation to Plan production.</li> <li>2. Prepare evidence and appear as an expert witness for the Council at public inquiries, public hearings and planning appeals.</li> <li>3. To prepare reports for consideration by Members.</li> <li>4. To provide advice and support as requested to the Development Management Service to ensure planning applications are determined in accordance with adopted policies and timescales.</li> </ol>
2.	To take a role in the preparation and adoption of Supplementary Planning Guidance as required by the Council.	<ol style="list-style-type: none"> <li>1. To develop SPG and development briefs as required and ensure these are progressed through to adoption and monitored and reviewed as required.</li> <li>2. Ensure effective consultation on all draft SPG before adoption.</li> </ol>
3.	To take a key role in the developmental work required for the Team's survey work including the Annual Housing Land Availability, Retail, Minerals and other surveys.	<ol style="list-style-type: none"> <li>1. Ensure information is robust in order to inform the policies and practices of the Council.</li> </ol>

4.	To support a service that meets the needs of its users.	<ol style="list-style-type: none"> <li>1. To answer telephone calls, emails, letters and appointments within the targets set in the Section's objectives.</li> <li>2. To work in a flexible manner to support the service including supporting Development Management.</li> <li>3. To work as an effective member of the team, and support colleagues as necessary.</li> <li>4. To communicate with other departments as required in an efficient and effective manner.</li> <li>5. To raise ideas for improving the service with the Planning Policy Manager.</li> </ol>
5.	To contribute to meeting performance targets.	<ol style="list-style-type: none"> <li>1. To contribute to the development of the LDP and SPG within set timescales.</li> <li>2. To prepare appeal statements within statutory targets.</li> </ol>
6.	To actively support and implement the principles and practice of equality of opportunity as laid down in the Council's Equal Opportunity Policy.	<ol style="list-style-type: none"> <li>1. To attend appropriate training.</li> <li>2. To actively support the principles and practice of equality of opportunity.</li> </ol>
7.	To operate in a safe and diligent manner at all times, in line with all health, safety & welfare policies and guidelines in place.	<ol style="list-style-type: none"> <li>1. To attend appropriate training.</li> <li>2. To ensure an awareness of health and safety issues.</li> </ol>

This job description does not present an exhaustive list of work, but aims to demonstrate the breadth of duties required by the post. The post holder may therefore be required to undertake other duties in line with the grade of the post.

#### Here's what we can provide you with:

- Full support of the Planning, Housing and Place-shaping network as a valued colleague;
- Supportive and flexible line management from the Planning Policy Manager;
- A pleasant working environment with an ability and freedom to work on an agile basis;
- Opportunities to link and co-ordinate with other service areas, including in relation to the Local Well-being Plan; and
- Opportunities and the support to grow your skills and to shape and improve service delivery, to trial new things and to make a real difference.

#### What else you need to know.....Monmouthshire Values are:

Openness: We aspire to be open and honest to develop trusting relationships.

Fairness: We aspire to provide fair choice, opportunities and experiences and become an organisation built on mutual respect.

**Flexibility:** We aspire to be flexible in our thinking and action to become an effective and efficient organisation.

**Teamwork:** We aspire to work together to share our successes and failures by building on our strengths and supporting one another to achieve our goals.

And this role, will work with Monmouthshire to achieve these.

**In addition:**

All employees are responsible for ensuring that they act at all times in a way that is consistent with Monmouthshire's Equal Opportunities Policy in their own area of responsibility and in their general conduct.

The authority operates a Smoke Free Workplace Policy which all employees are required to abide to.

### Person Specification

**How will we know if you are the right person for the role? As the successful candidate you will have demonstrated:**

- Recognised degree level qualification in Town Planning.
- A minimum of 2 - 3 years post qualification experience including formulating, consulting on and drafting planning policy.
- A knowledge and awareness of planning and environmental issues.
- The ability to write clear and concise reports and letters.
- Proven team working skills.
- Effective and efficient communication skills both written and verbal.
- Previous experience of present planning cases at informal inquiry.
- Experience of working to tight deadlines and meeting required performance standards.
- Practical experience of IT applications such as GIS and word processing.
- A valid driving licence.
- The willingness to support and abide by the principles and practice of equality of opportunity as laid down in the Authority's Equal Opportunities Policy and a commitment to their effective implementation.
- The willingness to operate in a safe and diligent manner at all times, in line with all Health, Safety & Welfare Policies and Guidelines in place.

**Should you require any further information regarding this post, please contact:  
Rachel Lewis, Planning Policy Manager Tel: 01633 644827**

## WELSH LANGUAGE SKILLS FRAMEWORK

LEVEL 1			
<p><i>Can understand basic everyday phrases if the speaker talks slowly and clearly and is willing to help. Can introduce yourself and others and can ask and answer questions regarding basic information, e.g. individual asking to see someone, where is the xxx meeting, toilet etc. Can transfer phone calls pass on a simple message or make a straightforward request, e.g. via e-mail.</i></p>			
UNDERSTANDING	SPEAKING	READING	WRITING
<ul style="list-style-type: none"> <li>➤ Can understand simple questions: where is the xxx meeting, where is the toilet, who is the person they wish to see. Can understand who to transfer a phone call to etc.,</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can pronounce place names and personal names correctly.</li> <li>➤ Can greet individuals face to face or over the phone</li> <li>➤ Can open and close a conversation or open and close a meeting.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read short sentence, e.g. basic signs, simple instructions, agenda items, simple information on forms</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can open and close an e-mail or letter</li> <li>➤ Can write personal names, place names, job titles</li> <li>➤ Can write a simple message to a colleague on paper or e-mail, e.g. such and such has called.</li> </ul>
LEVEL 2			
<p><i>Can understand sentences when people talk about everyday situations, e.g. simple personal and family information. Can hold a basic conversation with someone to obtain or exchange straightforward information, e.g. discuss how a person is feeling; something which has happened; simple plan for the future. Can write and read messages in letters or e-mails describing familiar issues and written in short sentences.</i></p>			
UNDERSTANDING	SPEAKING	READING	WRITING
<p>Page 287</p> <ul style="list-style-type: none"> <li>➤ Can understand when people speak slowly about everyday situations, e.g. providing personal information, talking about what they have been doing, what they would like to do, how they feel general</li> <li>➤ Can understand when people ask you do something</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can communicate simple information or ask common questions, e.g. to acquire information from an individual</li> <li>➤ Can use Welsh to get to and emphasise with the individual but not able to conduct the entire conversation or session in Welsh</li> <li>➤ Can hold a short conversation with an individual or exchange relatively straightforward information</li> <li>➤ Can contribute to a meeting, but need to revert to English for specialist terms.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read short message and certain letters or e-mails, e.g. those which make a request or ask you to pass on a message</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can write a short message to a colleague asking a question, thanking her/him, explaining something, e.g. time and place of a meeting</li> <li>➤ Can write a short letter or e-mail to arrange an appointment</li> </ul>
LEVEL 3			
<p><i>Can understand the main points when an individual or colleague is talking about familiar subjects, e.g. during a conversation or small group meeting. Can hold extended conversations with fluent speakers about familiar subjects involving everyday work. Can describe experiences and events and provide concise explanations and reasons for opinions and plans. Can read articles, letters or e-mails about general subjects. Can write letters or e-mails about most subjects, e.g. requesting something; providing information; inviting somebody or organising an event.</i></p>			

UNDERSTANDING	SPEAKING	READING	WRITING
<ul style="list-style-type: none"> <li>➤ Can understand individuals and colleagues when exchanging information or discussing plans, if the subject is familiar.</li> <li>➤ Can understand a discussion at a meeting if the subject is familiar.</li> <li>➤ Can understand individuals and colleagues in a familiar situation or in everyday conversation.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can take part in most conversations with colleagues about work and plans if the vocabulary is not too technical.</li> <li>➤ Can hold a conversation with an individual or exchanging relatively straightforward information.</li> <li>➤ Can contribute to a meeting but need to revert to English for specialist terms.</li> <li>➤ Can adapt the style of language to suit the audience.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can understand most e-mail messages or letters concerning day to day work.</li> <li>➤ Can guess the meaning of a word based on context if the subject is familiar.</li> <li>➤ Can read a simple, straightforward article in a newspaper or magazine types of written material.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can write a letter or e-mail to an individual, or colleague about most topics in order to request something; provide an explanation; describe an experience or situation; invite people or organise an event.</li> <li>➤ Can write relatively accurately when drafting a short information leaflet or poster in Welsh as required.</li> </ul>

**LEVEL 4**

*Can usually follow most conversations or discussions, even on unfamiliar topics, Can talk confidently with fluent speakers about familiar subjects relating to work, and can express an opinion, take part in discussion, and talk extensively about general topics, e.g. in meetings or one-to-one situations with individuals. Can understand most correspondence, newspaper articles and reports intended for fluent speakers with the aid of Welsh language resources and can scan long texts to find details. Can complete forms and write reports relating to work and respond accurately.*

UNDERSTANDING	SPEAKING	READING	WRITING
<p>Page 288</p> <ul style="list-style-type: none"> <li>➤ Can follow most conversations and discussions with individuals or colleagues even if the subject matter is unfamiliar.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can contribute effectively to internal and external meetings in a work context.</li> <li>➤ Can converse comfortably with individuals and exchange information as required.</li> <li>➤ Can argue for and against a specific case.</li> <li>➤ Can chair meetings and answer questions from the chair confidently.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read most correspondence and scan long texts to find details.</li> <li>➤ Can understand most newspaper articles and reports with the aid of a dictionary.</li> <li>➤ Can understand texts, unless written in a very formal or colloquial form.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can produce correspondence of all types, short reports, documents and literature with support of Welsh language translation aids eg. Cysgeir, cysill.</li> </ul>

**LEVEL 5**

*Can understand everything that is being said. Can talk extensively about complex issues, presenting difficult information and can facilitate and summarise extended or complex discussions. Can summarise information from different sources (orally and in writing) and present it in a coherent way. Can express themselves spontaneously, fluently and in detail, adapting the language to suit the audience.*

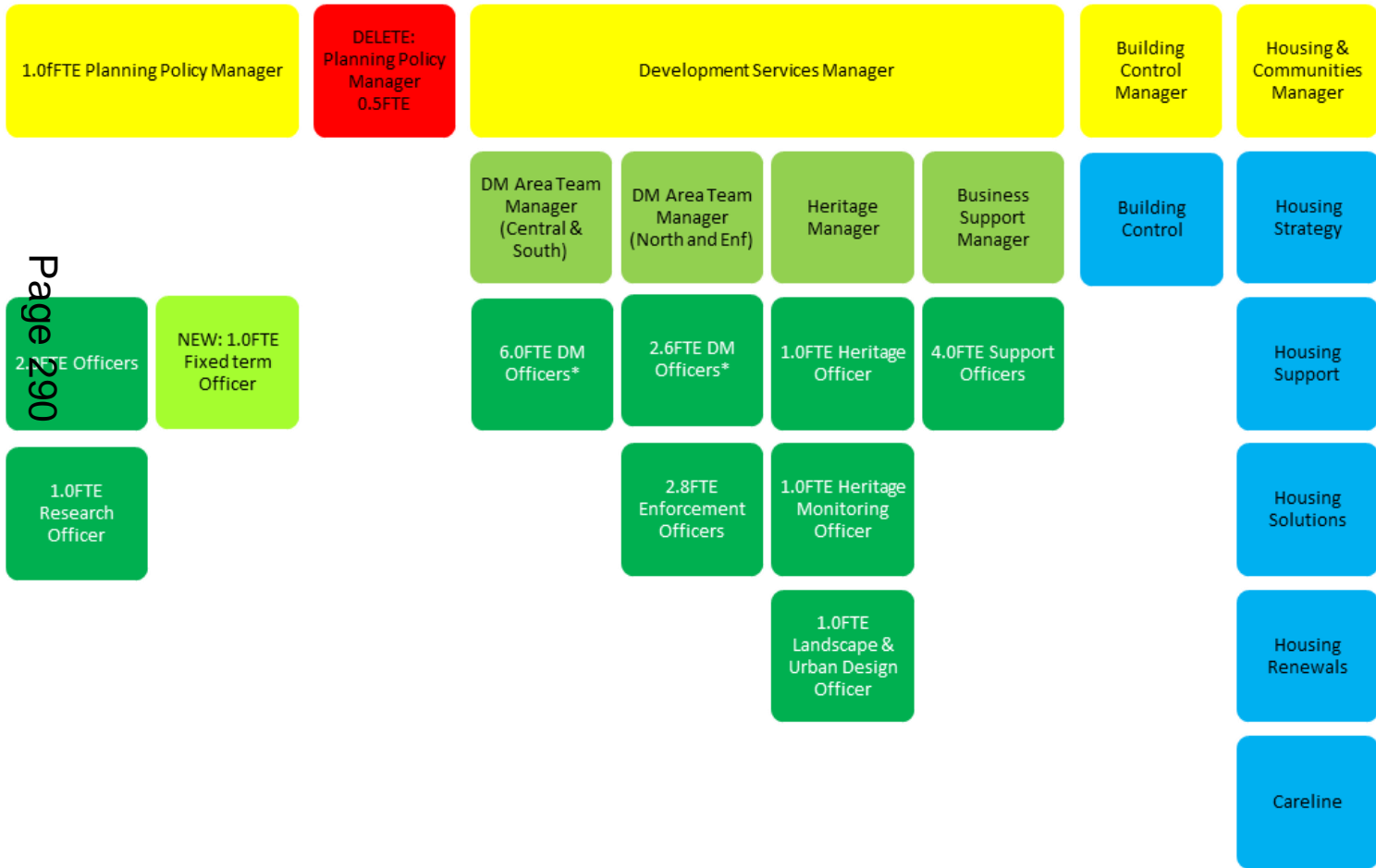
UNDERSTANDING	SPEAKING	READING	WRITING
<ul style="list-style-type: none"> <li>➤ Can follow all conversations and discussions with individuals or colleagues.</li> <li>➤ Can understand the ambiguity and nuance of language.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can express yourself fully in detail, even when discussing complex issues.</li> <li>➤ Can adapt the style and register of your language to suit the audience.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read and understand almost all written texts without difficulty, referring to a dictionary occasionally.</li> <li>➤ Can read long texts to find relevant details and can understand most types of written material.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can write reports in a clear style appropriate to the reader with the support of electronic language aids.</li> <li>➤ Can write formal or informal Welsh as required.</li> <li>➤ Can write a range of documents accurately and with confidence.</li> </ul>





Appendix 2: structure chart

# Head of Planning, Housing & Place-Shaping



Page 290

## Appendix 3: Future Generations Appraisal

# Future Generations Evaluation (includes Equalities and Sustainability Impact)

<b>APPENDIX ONE</b>  <b>Name of the Officer</b> Mark Hand <b>Phone no:</b> 07773 478579 <b>E-mail:</b> <a href="mailto:markhand@monmouthshire.gov.uk">markhand@monmouthshire.gov.uk</a>	<b>STAFFING RESTRUCTURE: PLANNING POLICY TEAM</b>
<b>Name of Service:</b> Planning (Enterprise and Innovation Directorate)	<b>Date:</b> Future Generations Evaluation 17 April 2018

Page 291

*NB. Key strategies and documents that may help you identify your contribution to the wellbeing goals and sustainable development principles include: Single Integrated Plan, Continuance Agreement, Improvement Plan, Local Development Plan, People Strategy, Asset Management Plan, Green Infrastructure SPG, Welsh Language Standards, etc.*






### 1. Does your proposal deliver any of the well-being goals below?

Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<b>A prosperous Wales</b> Efficient use of resources, skilled, educated people, generates wealth, provides jobs	The proposal seeks to ensure resources are best utilised and that a resilient service is provided for the benefit of colleagues, the wider Council and our communities. The proposal, by definition, provides job opportunities.	<ul style="list-style-type: none"> <li>• Internal recruitment where possible to maximise opportunities for career progression and staff retention.</li> </ul>

Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<b>A resilient Wales</b> Maintain and enhance biodiversity and ecosystems that support resilience and can adapt to change (e.g. climate change)	Ensuring the planning service is properly resourced is essential to an effective service, part of which includes ensuring our green spaces and cultural heritage is supported. Project management for the LDP and securing planning contributions both contribute towards this goal.	Community engagement to identify infrastructure priorities
<b>A healthier Wales</b> People's physical and mental wellbeing is maximized and health impacts are understood	Positive impact by ensuring quality services are provided. Opportunities to broaden experience will have positive impact on the well-being of colleagues.	
<b>A Wales of cohesive communities</b> Communities are attractive, viable, safe and well connected	Positive impact by ensuring quality services are provided. Project management for the LDP and securing planning contributions both contribute towards this goal.	
<b>A globally responsible Wales</b> Taking account of impact on global well-being when considering local social, economic and environmental well-being	Positive impact by ensuring quality services are provided. Project management for the LDP and securing planning contributions both contribute towards this goal.	
<b>A Wales of vibrant culture and thriving Welsh language</b> Culture, heritage and Welsh language are promoted and protected. People are encouraged to do sport, art and recreation	Positive impact by ensuring quality services are provided. Project management for the LDP and securing planning contributions both contribute towards this goal.	
<b>A more equal Wales</b> People can fulfil their potential no matter what their background or circumstances	Positive impact by ensuring quality services are provided and by giving opportunities for colleagues to broaden their experience. Increased capacity to deliver the LDP.	

**2. How has your proposal embedded and prioritised the sustainable governance principles in its development?**

Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
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Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
 <p>Long Term</p> <p>Balancing short term need with long term and planning for the future</p>	<p>The proposal seeks to balance budget pressures with short term project deadlines for the LDP and the longer term implications of project delay. A fixed term post is proposed to be mindful of longer term resource needs.</p>	
 <p>Collaboration</p> <p>Working together with other partners to deliver objectives</p>	<p>Increased capacity will support project delivery of the LDP with considerable community engagement and involvement.</p>	
 <p>Involvement</p> <p>Involving those with an interest and seeking their views</p>	<p>As above</p>	
 <p>Prevention</p> <p>Putting resources into preventing problems occurring or getting worse</p>	<p>The rationale for the proposal is to ensure capacity is in place to deliver the new LDP.</p>	
 <p>Integration</p> <p>Considering impact on all wellbeing goals together and on other bodies</p>	<p>The service contributes to the wellbeing goals and therefore an improvement to service delivery should have a positive impact on delivering the wellbeing goals. The revised LDP will be accompanied by a Sustainability Appraisal.</p>	

3. Are your proposals going to affect any people or groups of people with protected characteristics? Please explain the impact, the evidence you have used and any action you are taking below. For more detailed information on the Language Standards that apply to Monmouthshire Council please follow this or contact Alan Burkitt on 01633 644010 or [alanburkitt@monmouthshire.gov.uk](mailto:alanburkitt@monmouthshire.gov.uk)



characteristics? Please explain the impact, the evidence you have used and any action you are taking below. For more detailed information on the Language Standards that apply to Monmouthshire Council please follow this or contact Alan Burkitt on 01633 644010 or [alanburkitt@monmouthshire.gov.uk](mailto:alanburkitt@monmouthshire.gov.uk) link:<http://hub/corporatedocs/Equalities/Forms/AllItems.aspx>

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Age	Consider the impact on our community in relation to this e.g. how do we engage with older and younger people about our services, access issues etc. Also consider what issues there are for employment and training.	n/a	n/a
Disability	What issues are there are around each of the disability needs groups e.g. access to buildings/services, how we provide services and the way we do this, producing information in alternative formats, employment issues.	n/a	n/a
Gender reassignment	Consider the provision of inclusive services for Transgender people and groups. Also consider what issues there are for employment and training.	n/a	n/a
Marriage or civil partnership	Same-sex couples who register as civil partners have the same rights as married couples in employment and must be provided with the same benefits available to married couples, such as survivor pensions, flexible working, maternity/paternity pay and healthcare insurance	n/a	n/a
Pregnancy or maternity	<i>In employment a woman is protected from discrimination during the period of her pregnancy and during any period of compulsory or additional maternity leave. In the provision of services, goods and facilities, recreational or training facilities, a woman is protected from discrimination during the period of her pregnancy and the period of 26 weeks beginning with the day on which she gives birth</i>	n/a	n/a

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Race	<i>Think about what the proposal will do to promote race equality with the aim of: eliminating unlawful discrimination, promoting equality of opportunity and promoting good relations between persons of different racial groups. Also think about the potential to affect racial groups differently. Issues to look at include providing translation/interpreting services, cultural issues and customs, access to services, issues relating to Asylum Seeker, Refugee, Gypsy &amp; Traveller, migrant communities and recording of racist incidents etc.</i>	n/a	n/a
Religion or Belief	<i>What the likely impact is e.g. dietary issues, religious holidays or days associated with religious observance, cultural issues and customs. Also consider what issues there are for employment and training.</i>	n/a	n/a
Sex	<i>Consider what issues there are for men and women e.g. equal pay, responsibilities for dependents, issues for carers, access to training, employment issues. Will this impact disproportionately on one group more than another</i>	n/a	n/a
Sexual Orientation	<i>Consider the provision of inclusive services for e.g. older and younger people from the Lesbian, Gay and Bi-sexual communities. Also consider what issues there are for employment and training.</i>	n/a	n/a
Welsh Language	<i>Under the Welsh Language measure of 2011, we need to be considering Welsh Language in signage, documentation, posters, language skills etc. and also the requirement to promote the language.</i>	n/a	n/a

4. Council has agreed the need to consider the impact its decisions has on important responsibilities of Corporate Parenting and safeguarding. Are your proposals going to affect either of these responsibilities? For more information please see the guidance <http://hub/corporatedocs/Democratic%20Services/Safeguarding%20Guidance.docx> and for more on Monmouthshire's Corporate Parenting Strategy see <http://hub/corporatedocs/SitePages/Corporate%20Parenting%20Strategy.aspx>

	<b>Describe any positive impacts your proposal has on safeguarding and corporate parenting</b>	<b>Describe any negative impacts your proposal has on safeguarding and corporate parenting</b>	<b>What will you do/ have you done to mitigate any negative impacts or better contribute to positive impacts?</b>
Safeguarding	<i>Safeguarding is about ensuring that everything is in place to promote the well-being of children and vulnerable adults, preventing them from being harmed and protecting those who are at risk of abuse and neglect.</i>	n/a	n/a
Corporate Parenting	<i>This relates to those children who are 'looked after' by the local authority either through a voluntary arrangement with their parents or through a court order. The council has a corporate duty to consider looked after children especially and promote their welfare (in a way, as though those children were their own).</i>	n/a	n/a

**5. What evidence and data has informed the development of your proposal?**

The report is founded upon the following:

The LDP Delivery Agreement, liaison with colleagues regarding resource requirements, assessment of project plan and available budgets.

**6. SUMMARY: As a result of completing this form, what are the main positive and negative impacts of your proposal, how have they informed/changed the development of the proposal so far and what will you be doing in future?**

The proposed restructure is intended to provide a resilient and improving service with additional capacity to deliver the LDP. The impact should be positive with no negative impacts identified.

**7. ACTIONS: As a result of completing this form are there any further actions you will be undertaking? Please detail them below, if applicable.**

<b>What are you going to do</b>	<b>When are you going to do it?</b>	<b>Who is responsible</b>	<b>Progress</b>
---------------------------------	-------------------------------------	---------------------------	-----------------



n/a			
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**8. MONITORING:** The impacts of this proposal will need to be monitored and reviewed. Please specify the date at which you will evaluate the impact, and where you will report the results of the review.

The impacts of this proposal will be evaluated on:	October 2017 via Annual Monitoring Report and progress with the identified projects in the Job Description.
--	---

**9. VERSION CONTROL:** The Future Generations Evaluation should be used at the earliest stages of decision making, and then honed and refined throughout the decision making process. It is important to keep a record of this process so that we can demonstrate how we have considered and built in sustainable development wherever possible.

Version No.	Decision making stage	Date considered	Brief description of any amendments made following consideration
1.	<i>Submission of the proposal</i>	<i>April 2018</i>	<i>This will demonstrate how we have considered and built in sustainable development throughout the evolution of a proposal.</i>

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**SUBJECT: CREATION OF FIXED TERM SENIOR URBAN DESIGN AND LANDSCAPE OFFICER POST WITHIN THE DEVELOPMENT MANAGEMENT TEAM**  
**MEETING: INDIVIDUAL CABINET MEMBER DECISION**  
**DATE: 9<sup>TH</sup> MAY 2018**  
**DIVISION/WARDS AFFECTED: ALL**

**1. PURPOSE:**

- 1.1 The purpose of this report is to seek the Cabinet Member for Enterprise's approval to make amendments to the job description of the Senior Urban Design and Landscape Officer post as well as to make the post permanent. The post has an important role to play in ensuring good quality decisions are made, place-making and green infrastructure are achieved, and to support the delivery of the new Local Development Plan. There are no financial implications or HR implications for the current post-holder.

**2. RECOMMENDATION:**

- 2.1 That Cabinet Member agrees the proposed amendments to the job description for the post of Senior Urban Design and Landscape Officer located within the Development Management team.
- 2.2 That Cabinet Member agrees to make the post permanent.

**3. KEY ISSUES:**

Background

- 3.1 The post of Senior Urban Design and Landscape Officer sits within the Development Management team and is currently filled on a two year fixed term basis. The current post-holder has recently handed in his resignation which has given reason to reflect on the need for and purpose of the role and to consider how to recruit to it. The options considered are set out below but in summary it has been concluded that the role provides a valuable and important role and it should be retained. The new LDP adds to the importance of this role, as does the new (and welcomed) emphasis on place-making in the emerging revised version of national planning policy contained in Planning Policy Wales.
- 3.2 It is proposed to amend the job description to place a greater emphasis on the urban design and place-making requirements of the role, as well as to add requirements relating to involvement in the new Monmouthshire Local Development Plan. The post-holder will play an important part in assessing the landscape impact and development capacity of proposed allocations, input into proposed planning policies, and potentially to master-planning key allocations. This is in addition to the established Development Management role in provided urban design; landscape and green infrastructure advice on planning applications and pre-application enquiries, and heritage applications. This will not detract from the landscape and green infrastructure aspects of the role already undertaken: indeed green infrastructure is an important part of urban design and place-making. The amendments to the job description are minor and do not affect the post's grading.
- 3.3 The post is currently 100% funded from the Development Management budget. It is proposed that for the period 2018-2021 it will be funded 50% by Development

Management (N120) and 50% by Planning Policy (N130) (using the professional fees budget line). After 2021 it would revert to being wholly funded by Development Management. This is to reflect the LDP work and to reduce the budget pressure on Development Management to fund other activities in the short term to support caseloads. The funding proposal has been considered in conjunction with the two other Cabinet Member reports on this agenda.

- 3.4 The post is currently filled on a two year fixed term basis. The current post-holder has handed in his resignation due to a promotion opportunity and family relocation: therefore these proposals have no direct implications on any colleague. The salary for the post is already budgeted for. As a two year fixed term appointment, HR legislation provides the post-holder with the same rights and status as a permanent employee. Changing the post to be a permanent position therefore has no HR or financial implications for the Council, but would be beneficial in terms of recruiting and retaining the next post-holder.
- 3.5 The amended job description is attached at **Appendix 1**. The post would continue to report to the Heritage Manager (see structure chart at **Appendix 2**).
- 3.6 The proposal has a net nil cost.
- 3.7 No colleagues are detrimentally affected by the proposal. The current post-holder has been made aware of these proposals but unfortunately it does not change his decision to leave.

#### Relationship with wider activities

- 3.8 A Green Paper has been published by the Welsh Government proposing three options for Local Government Reform. These LGR proposals are at a very early stage and it is unclear which, if any, proposal might be taken forward. The proposals in this report have been made with regard to the potential for significant future change. It should be noted that this post is relatively unusual and should LGR proceed, the proposals in this report would not result in a duplication or surplus of capacity. Consequently, the Green Paper has no implications for these proposals.

## **4. OPTIONS APPRAISAL**

- 4.1 The following options were considered:
- Delete the post and make a budget saving.
  - Delete the post and do something different.
  - Do nothing: leave the post unchanged and recruit to the current job description on a two year fixed term basis.
  - Amend the job description as proposed and make the post permanent.

## **5. EVALUATION CRITERIA**

- 5.1 **Option d)** is the preferred option, namely to amend the job description as proposed and to make the post permanent. This retains a valued and important input into the planning service while strengthening the urban design and place-making aspects of the role, as well as strengthening the LDP input. By making the post permanent, recruitment and retention should be enhanced. Options a) and b) to delete the post and either make a saving or use the money differently were considered, but the value of the post in enhancing urban design, place-making and green infrastructure to deliver better outcomes, together with the pressing work on the new LDP, mean deleting the post would be counter-intuitive. Members, colleagues and Monmouthshire's communities appear to all value the importance of positive outcomes and good quality decision-making. Option c) provides a viable alternative to option d),

however the current post-holder's departure provides an opportunity to review the job description and requirements to ensure the post delivers what we need, and that the JD reflects the way the post actually operates in practice. Making the post permanent will assist with recruitment and retention without having any financial implications for the Council.

**6. REASONS:**

- 6.1 The proposed changes to the job description and making the post permanent will ensure the role meets our ongoing needs, and will assist with recruitment and retention.

**7. RESOURCE IMPLICATIONS:**

- 7.1 The proposal would have a net nil cost. It would retain the necessary officer resource to deliver urban design, green infrastructure and place-making priorities and positive outcomes.

**8. WELL-BEING OF FUTURE GENERATIONS IMPLICATIONS:**

Sustainable Development

- 8.1 There are no direct implications arising from this proposal, although the intention to improve outcomes including design, landscape impact and green infrastructure will assist in delivering sustainable development. A Future Generations Evaluation (including equalities and sustainability impact assessment) is attached to this report at **Appendix 3**.

Equalities

- 8.2 There are no direct implications arising from this proposal. Recruitment is undertaken in accordance with the Council's HR policies.

Safeguarding and Corporate Parenting

- 8.3 There are no safeguarding or corporate parenting implications arising from the proposal.

**9. CONSULTEES**

- Planning Services Management Team
- Colleagues in the Planning Team via team meetings and 1:1s
- People Services
- Finance
- SLT
- Cabinet

**10. BACKGROUND PAPERS:**

Appendix One – Job Descriptions  
Appendix Two – Proposed team structure  
Appendix Three – Future Generations Evaluation

**11. AUTHOR & CONTACT DETAILS:**

Mark Hand (Head of Planning, Housing and Place-Shaping)  
Tel: 01633 644803 / 07773 478579.  
E Mail: [markhand@monmouthshire.gov.uk](mailto:markhand@monmouthshire.gov.uk)

## Evaluation Criteria – Cabinet, Individual Cabinet Member Decisions & Council

<b>Title of Report:</b>	<b>AMENDMENTS TO SENIOR URBAN DESIGN AND LANDSCAPE OFFICE POST INCLUDING MAKING THE POST PERMANENT</b>
<b>Date decision was made:</b>	<b>9<sup>th</sup> May 2018</b>
<b>Report Author:</b>	<b>Mark Hand</b>

### What will happen as a result of this decision being approved by Cabinet or Council?

What is the desired outcome of the decision?

What effect will the decision have on the public/officers?

To better reflect the role's requirements going forward by amending the job description, and to improve recruitment and retention opportunities by making the post permanent. The role supports the delivery of urban design, green infrastructure and place-making

12 month appraisal: has the post been filled and is urban design, GI and place-making input being provided to shape DM decisions and LDP content?

*Was the desired outcome achieved? What has changed as a result of the decision? Have things improved overall as a result of the decision being taken?*

### What benchmarks and/or criteria will you use to determine whether the decision has been successfully implemented?

Think about what you will use to assess whether the decision has had a positive or negative effect:

Has there been an increase/decrease in the number of users

Has the level of service to the customer changed and how will you know

If decision is to restructure departments, has there been any effect on the team (e.g increase in sick leave)

12 month appraisal: Success will be evaluated via colleague 1:1s, CICO and Development Management Annual Performance Report. The quality of outcomes will be evaluated via officer and Planning Committee Design Tours. LDP progress will be measured against the Delivery Agreement.

*Paint a picture of what has happened since the decision was implemented. Give an overview of how you fared against the criteria. What worked well, what didn't work well. The reasons why you might not have achieved the desired level of outcome. Detail the positive outcomes as a direct result of the decision. If something didn't work, why didn't it work and how has that effected implementation.*

### What is the estimate cost of implementing this decision or, if the decision is designed to save money, what is the proposed saving that the decision will achieve?

Give an overview of the planned costs associated with the project, which should already be included in the report, so that once the evaluation is completed there is a quick overview of whether it was delivered on budget or if the desired level of savings was achieved.

The net cost of the proposal is nil. This will be monitored via quarterly budget reporting.

*Give an overview of whether the decision was implemented within the budget set out in the report or whether the desired amount of savings was realised. If not, give a brief overview of the reasons why and what the actual costs/savings were.*

## Appendix 1: Job Description

ROLE ADVERT

ROLE TITLE: **Senior Landscape and Urban Design Officer**

**PERMANENT contract**

POST ID: **RDC035**

GRADE: **BAND I SCP 37 – SCP 41 £33,136 - £37,106**

HOURS: **37 per Week**

LOCATION: **Usk County Hall**

RESPONSIBLE TO: **Amy Longford, Heritage Manager**

**Should you require any further information regarding this post, please contact:**

Amy Longford (Heritage Manager)

Email [amylongford@monmouthshire.gov.uk](mailto:amylongford@monmouthshire.gov.uk)

Tel: 01633 644877

Philip Thomas (Development Services Manager)

Email [philipthomas@monmouthshire.gov.uk](mailto:philipthomas@monmouthshire.gov.uk)

Tel : 01633 644809

**Closing Date: 12 noon on**

**Please Note that we are not able to accept CV's**

**Application forms can be completed online or down loaded via:**

<http://www.monmouthshire.gov.uk/home/education/jobs-and-employment/how-to-apply-for-council-jobs/>

Completed paper application forms should be returned to the following address:-

Employee Services, Monmouthshire County Council, PO BOX 106,  
CALDICOT, NP26 9AN

Monmouthshire County Council is an equal opportunities employer and welcomes applications from all sections of the community. All posts are open to job-share unless stated otherwise.



## ROLE PROFILE

ROLE TITLE: **Senior Landscape and Urban Design Officer**

**PERMANENT contract**

POST ID: **RDC035**

GRADE: **BAND I SCP 37 – SCP 41 £33,136 - £37,106**

HOURS: **37 per Week**

LOCATION: **Usk County Hall**

RESPONSIBLE TO: **Heritage Manager**

### **Who are we:**

Planning Services

The Planning Services section seeks to allow appropriate economic development, tourism and growth, providing the homes, jobs, amenities and infrastructure needed to support sustainable and resilient communities and to support delivery of the Council's priorities.

Planning Services includes Heritage Management where this post is located, Development Management, Planning Policy and Business Support Teams.

### **Our Purpose:-**

The section provides a range of land use planning-related functions including preparing the Local Development Plan, determining planning and heritage applications and defending those decisions if challenged, enforcing planning legislation and taking action against unauthorised development, and protecting and enabling the re-use of the County's historic buildings. The section works closely with a number of organisations and stakeholders, and the ability to balance competing demands is essential

### **The Purpose of this Role:-**

To protect and enhance the landscape, natural and built environment of Monmouthshire.

### **Expectation and Outcomes of this Role:-**

To help provide urban design and landscape advice through the development management and planning policy processes in support of the Local Development Plan leading to development which maintains and enhances the character and quality of the landscape, natural and built environment and creates sustainable and resilient places.

**Your responsibilities are:**



- To support Development Management Officers in the discharge of Council's functions relating to matters connected with urban design, landscape and natural environment specifically in relation to the Development Management process, it is anticipated this will include:
  1. Primarily providing day to day urban design, heritage, landscape and green infrastructure responses to the Council's Development Management Team in relation to requests for Pre-Application advice, Screening and Scoping responses for Environmental Impact Assessment (EIA), registered applications and defending the Council's decisions at Inquiries and Appeals where relevant;
  2. To work closely with the Development Management team and Countryside to ensure the delivery of a coordinated response regarding development proposals on strategic sites relating to green infrastructure and urban design in all responses and negotiations.
  3. To assist in the review of delivery of landscape responses relating to the development management process and consider areas of changes to assist in the improvement of the service.
  4. To assist in providing training to relevant staff in matters relating to landscape, GI, urban design and place making across the authority to enable better development management outcomes.
  5. Liaison with colleagues across directorates and external organisations to achieve the above goals.
  6. To be responsible for liaising, providing information and updating where relevant the Monmouthshire GIS Wind Turbine Mapping system.
  7. To deal with applications, including discharging conditions, relating to Landscape, GI, and urban design
- To support the Planning Policy Team in the formulation of local development plan policy relating to place-making which covers issues relating to urban design, heritage, landscape and master planning/green infrastructure. This will include the preparation of SPG, development briefs and masterplans to inform the Local Development Plan process.
- To ensure adequate liaison and consultation with relevant officers, local members, relevant external bodies as part of the planning process e.g. Wye Valley AONB and Brecon Beacons National Park Authority (BBNPA), adjoining authorities, local conservation and amenity societies and other interested parties;
- To assist in the preparation of reports and recommendations for Cabinet or Committee where required on Development Management and Planning Policy issues relating to place-making, urban design, landscape, natural and built environment issues;
- To be responsible for the implementation and monitoring of health and safety at work and the safety of path users as laid down in the authority's Health and Safety Policy and Procedures

**Here's what we can provide you with:**

- Full support of the Planning, Housing and Place-shaping network as a valued colleague;
- Supportive and flexible line management from the Head of Service;
- A pleasant working environment with an ability and freedom to work on an agile basis;
- Opportunities and the support to grow your skills and to shape and improve service delivery, to trial new things and to make a real difference; and
- Use of a pool car as required.

**What else you need to know.....Monmouthshire Values are:**

Openness: We aspire to be open and honest to develop trusting relationships.

Fairness: We aspire to provide fair choice, opportunities and experiences and become an organisation built on mutual respect.

Flexibility: We aspire to be flexible in our thinking and action to become an effective and efficient organisation.

Teamwork: We aspire to work together to share our successes and failures by building on our strengths and supporting one another to achieve our goals.

And this role, will work with Monmouthshire to achieve these.

**In addition:**

All employees are responsible for ensuring that they act at all times in a way that is consistent with Monmouthshire's Equal Opportunities Policy in their own area of responsibility and in their general conduct.

## Person Specification

**How will we know if you are the right person for the role? As the successful candidate you will have demonstrated:-**

- An appropriate degree or professional qualification and membership of the Landscape Institute, preferably chartered status with relevant post qualification (Part IV) experience; and have or be eligible for Registered Practitioner in Urban Design status OR at least 5 years' demonstrable experience in developing master planning and landscape assessment and dealing with Urban design issues.
- Previous relevant experience, knowledge and understanding of landscape and urban design, natural and built environment issues, including a sound knowledge of the potential impacts of development in whatever form on landscapes, seascapes, visual amenity, and on siting, design and mitigation issues.
- Previous experience of dealing with applications through the development management process is preferable.
- Previous experience of formulating planning policy in relation to urban design, heritage, landscape and master planning/green infrastructure is preferable.
- A good knowledge and understanding of the Welsh Planning system, in particular, policies and guidance directly impacting upon landscape and design matters in relation to the development management and development plans system.
- Expert knowledge of Environmental Impact Assessment and Landscape Character assessment methods as they are applied in Wales taking account of NRW's LANDMAP approach.
- Effective and efficient communication and negotiation skills, both written and verbal;
- A positive and solutions-based approach
- An understanding of and willingness to work in accordance with systems thinking principles (as used in a lean review of the service) to improve the customer's experience of the development management service
- Good organisational skills and an ability to meet tight timetables and an ability to work across multi-disciplinary teams.
- Experience of using Microsoft windows applications and GIS systems;
- An ability to work on own initiative without close supervision and as part of a team.
- Possession of a valid driving licence;
- Willingness to abide by the Council's Equal Opportunities Policy, including undertaking appropriate equality awareness training

- An awareness of Health and Safety issues and be willing to abide by Monmouthshire County Council's Health and Safety Policies & Procedures

**Should you require any further information regarding this post, please contact:**

**Closing Date:**

## WELSH LANGUAGE SKILLS FRAMEWORK

LEVEL 1			
<p><i>Can understand basic everyday phrases if the speaker talks slowly and clearly and is willing to help. Can introduce yourself and others and can ask and answer questions regarding basic information, e.g. individual asking to see someone, where is the xxx meeting, toilet etc. Can transfer phone calls pass on a simple message or make a straightforward request, e.g. via e-mail.</i></p>			
UNDERSTANDING	SPEAKING	READING	WRITING
<ul style="list-style-type: none"> <li>➤ Can understand simple questions: where is the xxx meeting, where is the toilet, who is the person they wish to see. Can understand who to transfer a phone call to etc.,</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can pronounce place names and personal names correctly.</li> <li>➤ Can greet individuals face to face or over the phone</li> <li>➤ Can open and close a conversation or open and close a meeting.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read short sentence, e.g. basic signs, simple instructions, agenda items, simple information on forms</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can open and close an e-mail or letter</li> <li>➤ Can write personal names, place names, job titles</li> <li>➤ Can write a simple message to a colleague on paper or e-mail, e.g. such and such has called.</li> </ul>
LEVEL 2			
<p><i>Can understand sentences when people talk about everyday situations, e.g. simple personal and family information. Can hold a basic conversation with someone to obtain or exchange straightforward information, e.g. discuss how a person is feeling; something which has happened; simple plan for the future. Can write and read messages in letters or e-mails describing familiar issues and written in short sentences.</i></p>			
UNDERSTANDING	SPEAKING	READING	WRITING
<p>Page 309</p> <ul style="list-style-type: none"> <li>➤ Can understand when people speak slowly about everyday situations, e.g. providing personal information, talking about what they have been doing, what they would like to do, how they feel general</li> <li>➤ Can understand when people ask you do something</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can communicate simple information or ask common questions, e.g. to acquire information from an individual</li> <li>➤ Can use Welsh to get to and emphasise with the individual but not able to conduct the entire conversation or session in Welsh</li> <li>➤ Can hold a short conversation with an individual or exchange relatively straightforward information</li> <li>➤ Can contribute to a meeting, but need to revert to English for specialist terms.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read short message and certain letters or e-mails, e.g. those which make a request or ask you to pass on a message</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can write a short message to a colleague asking a question, thanking her/him, explaining something, e.g. time and place of a meeting</li> <li>➤ Can write a short letter or e-mail to arrange an appointment</li> </ul>
LEVEL 3			
<p><i>Can understand the main points when an individual or colleague is talking about familiar subjects, e.g. during a conversation or small group meeting. Can hold extended conversations with fluent speakers about familiar subjects involving everyday work. Can describe experiences and events and provide concise explanations and reasons for opinions and plans. Can read articles, letters or e-mails about general subjects. Can write letters or e-mails about most subjects, e.g. requesting something; providing information; inviting somebody or organising an event.</i></p>			

UNDERSTANDING	SPEAKING	READING	WRITING
<ul style="list-style-type: none"> <li>➤ Can understand individuals and colleagues when exchanging information or discussing plans, if the subject is familiar.</li> <li>➤ Can understand a discussion at a meeting if the subject is familiar.</li> <li>➤ Can understand individuals and colleagues in a familiar situation or in everyday conversation.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can take part in most conversations with colleagues about work and plans if the vocabulary is not too technical.</li> <li>➤ Can hold a conversation with an individual or exchanging relatively straightforward information.</li> <li>➤ Can contribute to a meeting but need to revert to English for specialist terms.</li> <li>➤ Can adapt the style of language to suit the audience.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can understand most e-mail messages or letters concerning day to day work.</li> <li>➤ Can guess the meaning of a word based on context if the subject is familiar.</li> <li>➤ Can read a simple, straightforward article in a newspaper or magazine types of written material.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can write a letter or e-mail to an individual, or colleague about most topics in order to request something; provide an explanation; describe an experience or situation; invite people or organise an event.</li> <li>➤ Can write relatively accurately when drafting a short information leaflet or poster in Welsh as required.</li> </ul>

**LEVEL 4**

*Can usually follow most conversations or discussions, even on unfamiliar topics, Can talk confidently with fluent speakers about familiar subjects relating to work, and can express an opinion, take part in discussion, and talk extensively about general topics, e.g. in meetings or one-to-one situations with individuals. Can understand most correspondence, newspaper articles and reports intended for fluent speakers with the aid of Welsh language resources and can scan long texts to find details. Can complete forms and write reports relating to work and respond accurately.*

UNDERSTANDING	SPEAKING	READING	WRITING
<p>Page 310</p> <ul style="list-style-type: none"> <li>➤ Can follow most conversations and discussions with individuals or colleagues even if the subject matter is unfamiliar.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can contribute effectively to internal and external meetings in a work context.</li> <li>➤ Can converse comfortably with individuals and exchange information as required.</li> <li>➤ Can argue for and against a specific case.</li> <li>➤ Can chair meetings and answer questions from the chair confidently.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read most correspondence and scan long texts to find details.</li> <li>➤ Can understand most newspaper articles and reports with the aid of a dictionary.</li> <li>➤ Can understand texts, unless written in a very formal or colloquial form.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can produce correspondence of all types, short reports, documents and literature with support of Welsh language translation aids eg. Cysgeir, cysill.</li> </ul>

**LEVEL 5**

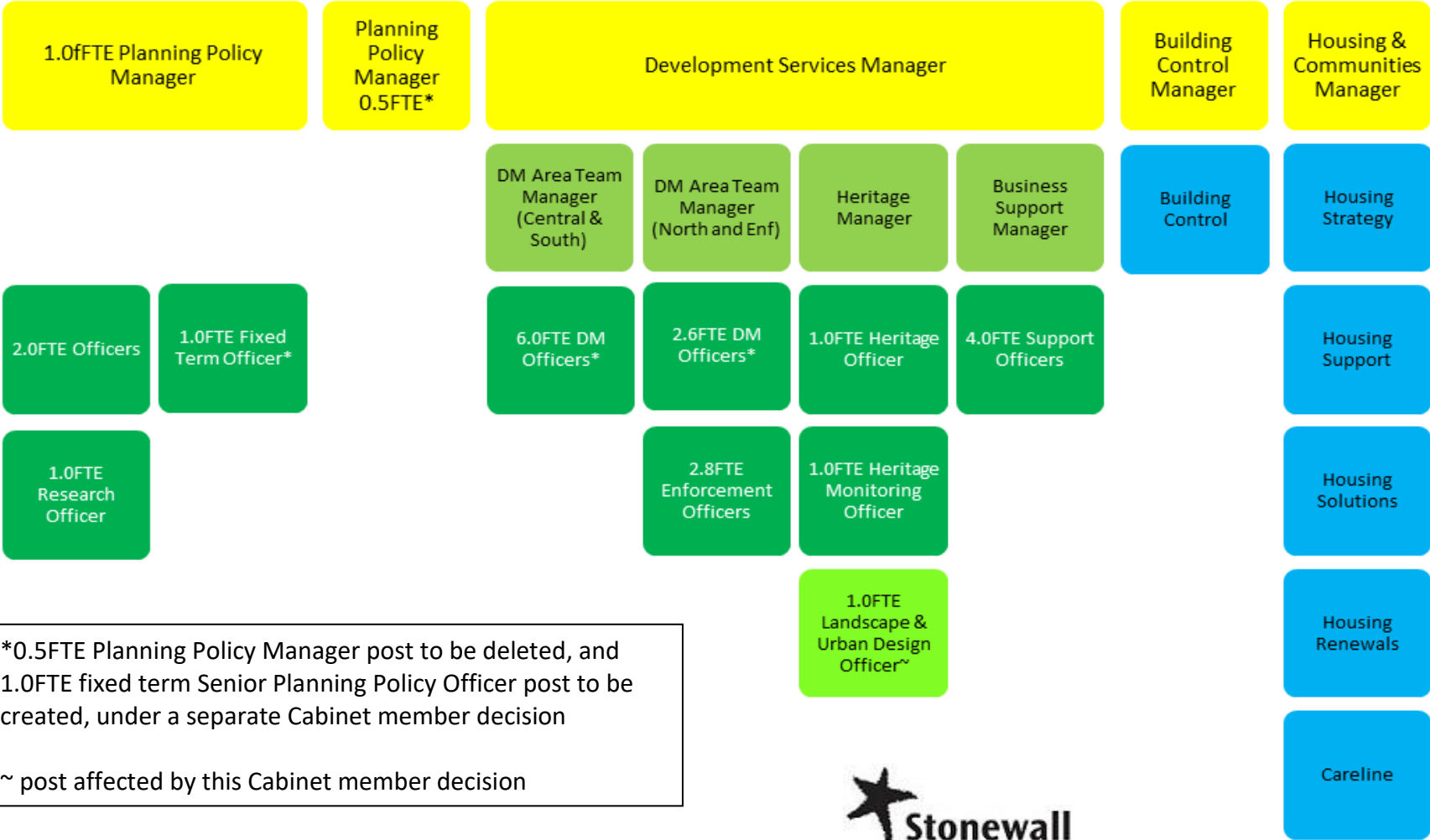
*Can understand everything that is being said. Can talk extensively about complex issues, presenting difficult information and can facilitate and summarise extended or complex discussions. Can summarise information from different sources (orally and in writing) and present it in a coherent way. Can express themselves spontaneously, fluently and in detail, adapting the language to suit the audience.*

UNDERSTANDING	SPEAKING	READING	WRITING
<ul style="list-style-type: none"> <li>➤ Can follow all conversations and discussions with individuals or colleagues.</li> <li>➤ Can understand the ambiguity and nuance of language.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can express yourself fully in detail, even when discussing complex issues.</li> <li>➤ Can adapt the style and register of your language to suit the audience.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read and understand almost all written texts without difficulty, referring to a dictionary occasionally.</li> <li>➤ Can read long texts to find relevant details and can understand most types of written material.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can write reports in a clear style appropriate to the reader with the support of electronic language aids.</li> <li>➤ Can write formal or informal Welsh as required.</li> <li>➤ Can write a range of documents accurately and with confidence.</li> </ul>



Appendix 2: structure chart

# Head of Planning, Housing & Place-Shaping



Page 312

\*0.5FTE Planning Policy Manager post to be deleted, and 1.0FTE fixed term Senior Planning Policy Officer post to be created, under a separate Cabinet member decision  
 ~ post affected by this Cabinet member decision





## Appendix 3: Future Generations Appraisal

# Future Generations Evaluation (includes Equalities and Sustainability Impact)

<b>APPENDIX ONE</b>  <b>Name of the Officer</b> Mark Hand <b>Phone no:</b> 07773 478579 <b>E-mail:</b> <a href="mailto:markhand@monmouthshire.gov.uk">markhand@monmouthshire.gov.uk</a>	<b>AMENDMENTS TO SENIOR URBAN DESIGN AND LANDSCAPE OFFICER POST</b>
<b>Name of Service:</b> Planning (Enterprise and Innovation Directorate)	<b>Date:</b> Future Generations Evaluation 19 April 2018

Page 313

*NB. Key strategies and documents that may help you identify your contribution to the wellbeing goals and sustainable development principles include: Single Integrated Plan, Continuance Agreement, Improvement Plan, Local Development Plan, People Strategy, Asset Management Plan, Green Infrastructure SPG, Welsh Language Standards, etc.*






### 1. Does your proposal deliver any of the well-being goals below?

Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<b>A prosperous Wales</b> Efficient use of resources, skilled, educated people, generates wealth, provides jobs	The proposal seeks to ensure resources are best utilised and that a resilient service is provided for the benefit of colleagues, the wider Council and our communities. The proposal, by definition, provides job opportunities.	

Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<b>A resilient Wales</b> Maintain and enhance biodiversity and ecosystems that support resilience and can adapt to change (e.g. climate change)	Ensuring the planning service is properly resourced is essential to an effective service, part of which includes ensuring place-making and quality outcomes are supported. Urban design and GI advice contribute towards this goal.	
<b>A healthier Wales</b> People's physical and mental wellbeing is maximized and health impacts are understood	Positive impact by ensuring quality services are provided and better outcomes delivered. Place-making and GI contribute towards positive mental wellbeing by creating pleasant living environments.	
<b>A Wales of cohesive communities</b> Communities are attractive, viable, safe and well connected	Positive impact by ensuring quality services are provided and better outcomes delivered. Place-making and GI contribute towards cohesive communities by creating pleasant living environments.	
<b>A globally responsible Wales</b> Taking account of impact on global well-being when considering local social, economic and environmental wellbeing	Positive impact by ensuring quality services are provided and better outcomes delivered. Place-making and GI contribute are a key component of sustainability.	
<b>A Wales of vibrant culture and thriving Welsh language</b> Culture, heritage and Welsh language are promoted and protected. People are encouraged to do sport, art and recreation	Positive impact by ensuring quality services are provided and better outcomes delivered. The role will provide heritage advice.	
<b>A more equal Wales</b> People can fulfil their potential no matter what their background or circumstances	Positive impact by ensuring quality services are provided.	

**2. How has your proposal embedded and prioritised the sustainable governance principles in its development?**

Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
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Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
 <p>Long Term</p> <p>Balancing short term need with long term and planning for the future</p>	<p>The proposal seeks to balance budget pressures with short term workload and priorities and longer term benefits of better outcomes and LDP project, even though some of those benefits (financial and otherwise) will not directly benefit the service or organisation.</p>	
 <p>Collaboration</p> <p>Working together with other partners to deliver objectives</p>	<p>Maintaining expertise and capacity to deliver better outcomes.</p>	
 <p>Involvement</p> <p>Involving those with an interest and seeking their views</p>	<p>As above</p>	
 <p>Prevention</p> <p>Putting resources into preventing problems occurring or getting worse</p>	<p>The proposal seeks to balance budget pressures with short term workload and priorities and longer term benefits of better outcomes and LDP project, even though some of those benefits (financial and otherwise) will not directly benefit the service or organisation.</p>	
 <p>Integration</p> <p>Considering impact on all wellbeing goals together and on other bodies</p>	<p>The service contributes to the wellbeing goals and therefore an improvement to service delivery and outcomes should have a positive impact on delivering the well-being goals.</p>	

3. Are your proposals going to affect any people or groups of people with protected characteristics? Please explain the impact, the evidence you have used and any action you are taking below. For more detailed information on the Language Standards that apply to Monmouthshire Council please follow this or contact Alan Burkitt on 01633 644010 or [alanburkitt@monmouthshire.gov.uk](mailto:alanburkitt@monmouthshire.gov.uk)



characteristics? Please explain the impact, the evidence you have used and any action you are taking below. For more detailed information on the Language Standards that apply to Monmouthshire Council please follow this link: <http://hub/corporatedocs/Equalities/Forms/AllItems.aspx>

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Age	Consider the impact on our community in relation to this e.g. how do we engage with older and younger people about our services, access issues etc. Also consider what issues there are for employment and training.	n/a	n/a
Disability	What issues are there are around each of the disability needs groups e.g. access to buildings/services, how we provide services and the way we do this, producing information in alternative formats, employment issues.	n/a	n/a
Gender reassignment	Consider the provision of inclusive services for Transgender people and groups. Also consider what issues there are for employment and training.	n/a	n/a
Marriage or civil partnership	Same-sex couples who register as civil partners have the same rights as married couples in employment and must be provided with the same benefits available to married couples, such as survivor pensions, flexible working, maternity/paternity pay and healthcare insurance	n/a	n/a
Pregnancy or maternity	<i>In employment a woman is protected from discrimination during the period of her pregnancy and during any period of compulsory or additional maternity leave. In the provision of services, good and facilities, recreational or training facilities, a woman is protected from discrimination during the period of her pregnancy and the period of 26 weeks beginning with the day on which she gives birth</i>	n/a	n/a

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Race	<i>Think about what the proposal will do to promote race equality with the aim of: eliminating unlawful discrimination, promoting equality of opportunity and promoting good relations between persons of different racial groups. Also think about the potential to affect racial groups differently. Issues to look at include providing translation/interpreting services, cultural issues and customs, access to services, issues relating to Asylum Seeker, Refugee, Gypsy &amp; Traveller, migrant communities and recording of racist incidents etc.</i>	n/a	n/a
Religion or Belief	<i>What the likely impact is e.g. dietary issues, religious holidays or days associated with religious observance, cultural issues and customs. Also consider what issues there are for employment and training.</i>	n/a	n/a
Sex	<i>Consider what issues there are for men and women e.g. equal pay, responsibilities for dependents, issues for carers, access to training, employment issues. Will this impact disproportionately on one group more than another</i>	n/a	n/a
Sexual Orientation	<i>Consider the provision of inclusive services for e.g. older and younger people from the Lesbian, Gay and Bi-sexual communities. Also consider what issues there are for employment and training.</i>	n/a	n/a
Welsh Language	<i>Under the Welsh Language measure of 2011, we need to be considering Welsh Language in signage, documentation, posters, language skills etc. and also the requirement to promote the language.</i>	n/a	n/a

Page 317

4. Council has agreed the need to consider the impact its decisions has on important responsibilities of Corporate Parenting and safeguarding. Are your proposals going to affect either of these responsibilities? For more information please see the guidance <http://hub/corporatedocs/Democratic%20Services/Safeguarding%20Guidance.docx> and for more on Monmouthshire's Corporate Parenting Strategy see <http://hub/corporatedocs/SitePages/Corporate%20Parenting%20Strategy.aspx>



	<b>Describe any positive impacts your proposal has on safeguarding and corporate parenting</b>	<b>Describe any negative impacts your proposal has on safeguarding and corporate parenting</b>	<b>What will you do/ have you done to mitigate any negative impacts or better contribute to positive impacts?</b>
Safeguarding	<i>Safeguarding is about ensuring that everything is in place to promote the well-being of children and vulnerable adults, preventing them from being harmed and protecting those who are at risk of abuse and neglect.</i>	n/a	n/a
Corporate Parenting	<i>This relates to those children who are 'looked after' by the local authority either through a voluntary arrangement with their parents or through a court order. The council has a corporate duty to consider looked after children especially and promote their welfare (in a way, as though those children were their own).</i>	n/a	n/a

**5. What evidence and data has informed the development of your proposal?**

The report is founded upon the following:

Experience, liaison with colleagues regarding resource requirements, available budgets, an increasing emphasis on place-making, urban design and GI as a result of the Wellbeing Act, revised emerging PPW and the new LDP.

**6. SUMMARY: As a result of completing this form, what are the main positive and negative impacts of your proposal, how have they informed/changed the development of the proposal so far and what will you be doing in future?**

The proposed changes to the post are intended to provide a resilient and improving service with additional capacity to deliver the LDP. The impact should be positive with no negative impacts identified.

**7. ACTIONS: As a result of completing this form are there any further actions you will be undertaking? Please detail them below, if applicable.**

<b>What are you going to do</b>	<b>When are you going to do it?</b>	<b>Who is responsible</b>	<b>Progress</b>
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n/a			
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**8. MONITORING:** The impacts of this proposal will need to be monitored and reviewed. Please specify the date at which you will evaluate the impact, and where you will report the results of the review.

The impacts of this proposal will be evaluated on:	October 2018 via Annual Performance Report and progress with the identified projects in the Job Description.
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**9. VERSION CONTROL:** The Future Generations Evaluation should be used at the earliest stages of decision making, and then honed and refined throughout the decision making process. It is important to keep a record of this process so that we can demonstrate how we have considered and built in sustainable development wherever possible.

Version No.	Decision making stage	Date considered	Brief description of any amendments made following consideration
1.	<i>Submission of the proposal</i>	<i>May 2018</i>	<i>This will demonstrate how we have considered and built in sustainable development throughout the evolution of a proposal.</i>

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**SUBJECT: CREATION OF FIXED TERM STUDENT/GRADUATE PLANNER POST WITHIN THE DEVELOPMENT MANAGEMENT TEAM**  
**MEETING: INDIVIDUAL CABINET MEMBER DECISION**  
**DATE: 9<sup>TH</sup> MAY 2018**  
**DIVISION/WARDS AFFECTED: ALL**

**1. PURPOSE:**

- 1.1 The purpose of this report is to seek the Cabinet Member for Enterprise's approval to create a fixed term Student/Graduate Planner post within the Development Management team, to be filled on a 12 month contract.

**2. RECOMMENDATION:**

- 2.1 That Cabinet Member agrees the proposed creation of a Student/Graduate Planner within the Development Management team, to be filled on a 12 month contract.

**3. KEY ISSUES:**

Background

- 3.1 This proposal seeks to create a new Student/Graduate Planner post within the Development Management team. The post offers an opportunity to support the next generation of planners to gain valuable and broad experience, allows the Council to seek to 'grow its own' future workforce, promote local government and public sector working as a career opportunity, and will support the development of students most likely studying or recently graduated from Cardiff University or the University of the West of England to locally retain talent. It is proposed that the post would be filled on a 12 month basis, allowing the post to be reviewed annually based upon workload and budget pressures.
- 3.2 The post could be attractive to either year-out students undertaking a sandwich 'year in industry' as part of their qualification, or to a recent graduate seeking their first job post qualification. The job description focusses primarily on the Development Management part of the planning service, however it is proposed that the post-holder would have an opportunity to work in the heritage and planning policy teams to provide them with a well-rounded experience and to support our service flexibly.
- 3.3 A job description has been drafted and is awaiting job evaluation however the proposal is expected to result in a total cost of approximately £20,000 per annum maximum. The fixed term nature of the role means that full on-costs are unlikely, and all employees have the option to opt out of the pension scheme if they wish. Opt out is expected to be a more likely scenario for year-out students than for recent graduates. This is the employee's choice, and we have budgeted for maximum cost. The post would be part funded by a proposed saving over the next three years from changes to the way the Senior Urban Design and Landscape Officer post is funded (see separate Cabinet Member report on this agenda). There is also a funding opportunity from a new area of Planning Performance Agreements (PPA). Cabinet Member has already approved their introduction, and officers are in detailed discussions with a customer about our first PPA, and we already have initial enquiries about two more. A Planning Performance Agreement is a project management agreement entered into by both the Council and customer (applicant/developer) to provide a guaranteed resource to provide their project and meet agreed timescales

and deadlines (a commitment by both parties) for an additional fee. Delivering on these commitments requires the relevant service area such as planning, highways, and green infrastructure, to ensure adequate resource is in place, either by back-filling or by engaging external support. The proposed post is intended to support the service deliver on current work commitments and to help cover the workload of colleagues whose increased time and attention is required to deliver on the PPA. This is a new area of work for Monmouthshire and will inevitably be a learning exercise that may require different solutions going forward. The fixed term nature of this post provides that flexibility.

3.4 No colleagues are detrimentally affected by the proposal.

#### Relationship with wider activities

3.5 A Green Paper has been published by the Welsh Government proposing three options for Local Government Reform. These LGR proposals are at a very early stage and it is unclear which, if any, proposal might be taken forward. The proposals in this report have been made with regard to the potential for significant future change. The fixed term contract associated with the proposed post mean that we have the flexibility to fill or hold vacant or delete the post as and when circumstances change. Consequently, the Green Paper has no implications for these proposals.

## **4. OPTIONS APPRAISAL**

4.1 The following options were considered:

- a) Do nothing.
- b) Create the proposed post of Student/Graduate Planner.
- c) Create a different post
- d) Engage a consultant

## **5. EVALUATION CRITERIA**

5.1 **Option b)** is the preferred option, namely to create the proposed post of Student/Graduate Planner to be filled on a fixed term 12 month basis. This provides flexible additional resource to support service delivery with the added benefits of helping develop the next generation of planners to the benefit of the Council, region and planning profession. Option a) does not address the resource needs. Options c) and d) do not deliver the additional benefits of option b) and are likely to be more expensive.

## **6. REASONS:**

6.1 The proposed post provides flexible additional resource to support service delivery with the added benefits of helping develop the next generation of planners to the benefit of the Council, region and planning profession.

## **7. RESOURCE IMPLICATIONS:**

7.1 The proposal would have a maximum cost of £20,000 which would be part funded by proposed changes to the Senior Urban Design and Landscape Officer post for the 2018-2021 period, and partly funded by Planning Performance Agreements.

## **8. WELL-BEING OF FUTURE GENERATIONS IMPLICATIONS:**

### Sustainable Development

8.1 There are no direct implications arising from this proposal, although the intention is to improve outcomes and service resilience. A Future Generations Evaluation (including equalities and sustainability impact assessment) is attached to this report at **Appendix 3**.

## Equalities

- 8.2 There are no direct implications arising from this proposal. Recruitment is undertaken in accordance with the Council's HR policies.

## Safeguarding and Corporate Parenting

- 8.3 There are no safeguarding or corporate parenting implications arising from the proposal.

## **9. CONSULTEES**

- Planning Services Management Team
- Colleagues in the Planning Team via team meetings and 1:1s
- People Services
- Finance
- SLT
- Cabinet

## **10. BACKGROUND PAPERS:**

Appendix One – Job Description

Appendix Two – Proposed team structure

Appendix Three – Future Generations Evaluation

## **11. AUTHOR & CONTACT DETAILS:**

Mark Hand (Head of Planning, Housing and Place-Shaping)

Tel: 01633 644803 / 07773 478579.

E Mail: [markhand@monmouthshire.gov.uk](mailto:markhand@monmouthshire.gov.uk)

## Evaluation Criteria – Cabinet, Individual Cabinet Member Decisions & Council

<b>Title of Report:</b>	<b>CREATION OF FIXED TERM STUDENT/GRADUATE PLANNER POST WITHIN THE DEVELOPMENT MANAGEMENT TEAM</b>
<b>Date decision was made:</b>	<b>9<sup>th</sup> May 2018</b>
<b>Report Author:</b>	<b>Mark Hand</b>

### What will happen as a result of this decision being approved by Cabinet or Council?

What is the desired outcome of the decision?

What effect will the decision have on the public/officers?

The proposed post provides flexible additional resource to support service delivery with the added benefits of helping develop the next generation of planners to the benefit of our communities, the Council, region and planning profession.

12 month appraisal via Annual Performance Report and review of PPA delivery

*Was the desired outcome achieved? What has changed as a result of the decision? Have things improved overall as a result of the decision being taken?*

### What benchmarks and/or criteria will you use to determine whether the decision has been successfully implemented?

Think about what you will use to assess whether the decision has had a positive or negative effect:

Has there been an increase/decrease in the number of users

Has the level of service to the customer changed and how will you know

If the decision is to restructure departments, has there been any effect on the team (e.g increase in sick leave)

12 month appraisal: Success will be evaluated via colleague 1:1s, CICO and Development Management Annual Performance Report as well as the review of PPA delivery.

*Paint a picture of what has happened since the decision was implemented. Give an overview of how you fared against the criteria. What worked well, what didn't work well. The reasons why you might not have achieved the desired level of outcome. Detail the positive outcomes as a direct result of the decision. If something didn't work, why didn't it work and how has that effected implementation.*

### What is the estimate cost of implementing this decision or, if the decision is designed to save money, what is the proposed saving that the decision will achieve?

Give an overview of the planned costs associated with the project, which should already be included in the report, so that once the evaluation is completed there is a quick overview of whether it was delivered on budget or if the desired level of savings was achieved.

The net cost of the proposal is £20k maximum. This will be monitored via quarterly budget reporting.

*Give an overview of whether the decision was implemented within the budget set out in the report or whether the desired amount of savings was realised. If not, give a brief overview of the reasons why and what the actual costs/savings were.*

**Monmouthshire County Council**  
Cyngor Sir Fynwy  
**Development Management**

**Job Description**

**Post Title:** Development Management Officer (Student Placement) - Temporary contract for up to 12 months

**Post ID:** RDCxx

**Salary:** SCP 13 (Band C) £16,491 (pay award pending)

**Hours:** 37

**Based at:** County Hall, Usk

**Responsible To:** Development Management Area Team Manager

**Responsible for:** 0 staff

**Job Purpose:** To process, evaluate and determine non-complex planning applications, appeals and pre-application enquiries.

Function	Main Duties
1. To give advice on planning matters	1. To respond to enquiries (including pre-application enquiries) on planning matters and give advice having regard to the Council's planning policies, national planning policy and all relevant material considerations in accordance with the Services' agreed standards.

<p>2. To process, evaluate and determine planning applications, appeals and enquiries.</p>	<ol style="list-style-type: none"> <li>1. To determine whether applications are valid.</li> <li>2. To carry out consultations, notifications and publicity on applications.</li> <li>3. To visit and evaluate householder and less complex planning applications having regard to the Council's planning policies, national planning policy and all relevant material considerations.</li> <li>4. To improve the quality of proposals through negotiations.</li> <li>5. To consider representations made by other parties on planning applications.</li> <li>6. To make recommendations on planning applications for determination in accordance with the Services' agreed standards and measures.</li> <li>7. To consider requests for amendments to decisions and the discharge of conditions.</li> <li>8. To prepare statements on appeals and to represent the Council at Informal Hearings, accompanied by a more senior officer.</li> <li>9. To work having regard to Systems review principles and to take part in task groups to initiate improvement in the Department.</li> </ol>
<p>4. To assist with the delivery of the heritage management service and/or Local Development Plan production as required.</p>	<ol style="list-style-type: none"> <li>1. To provide heritage comments on planning, conservation area and/or listed building consent applications.</li> <li>2. To support in the production of the Local Development Plan, including evidence gathering and assessment, community engagement, assessing proposed sites and drafting policies.</li> </ol>
<p>5. To support and abide by the principles and practice of equality of opportunity as laid down in the Council's Equal Opportunity Policy</p>	<ol style="list-style-type: none"> <li>1. To attend appropriate training</li> </ol>
<p>6. To operate in a safe and diligent manner at all times, in line with all health, safety &amp; welfare policies and guidelines in place.</p>	<ol style="list-style-type: none"> <li>1. To ensure an awareness of health and safety issues</li> </ol>

This job description does not present an exhaustive list of work, but aims to demonstrate the breadth of duties required by the post. The post holder may therefore be required to undertake other duties in line with the grade of the post.

**Monmouthshire County Council**  
Cyngor Sir Fynwy  
**Development Management**

**Person Specification**

**Post Title:** Development Management Officer (Student Placement)  
- Temporary contract for up to 12 months

**Post ID:** RDCxx

**The successful candidate must be able to demonstrate:**

1. Be undertaking the later stages of or hold a recognised degree level qualification in Town Planning (or a suitable degree in an appropriate discipline).
2. Practical experience of IT applications such as Office, GIS and document management.
3. The ability to write clear and concise reports and letters.
4. Evidence of previous experience of being an effective team member.
5. Effective and efficient communication skills both written and verbal.
6. A valid driving licence and access to a vehicle.
7. The willingness to support and abide by the principles and practice of equality of opportunity as laid down in the Authority's Equal Opportunities Policy and a commitment to their effective implementation.
8. The willingness to operate in a safe and diligent manner at all times, in line with all Health, Safety & Welfare Policies and Guidelines in place.

**The following would be desirable:**

9. An organised and varied caseload experience and examples of working to tight deadlines, meeting required performance standards.
10. The willingness to work innovatively and to contribute towards improvements to the service.

For an informal discussion regarding this post, please contact Philip Thomas (Development Services Manager) on 01633 644809 or Craig O'Connor (Development Management Area Team Manager) on 01633 644849.

## WELSH LANGUAGE SKILLS FRAMEWORK

LEVEL 1			
<p><i>Can understand basic everyday phrases if the speaker talks slowly and clearly and is willing to help. Can introduce yourself and others and can ask and answer questions regarding basic information, e.g. individual asking to see someone, where is the xxx meeting, toilet etc. Can transfer phone calls pass on a simple message or make a straightforward request, e.g. via e-mail.</i></p>			
UNDERSTANDING	SPEAKING	READING	WRITING
<ul style="list-style-type: none"> <li>➤ Can understand simple questions: where is the xxx meeting, where is the toilet, who is the person they wish to see. Can understand who to transfer a phone call to etc.,</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can pronounce place names and personal names correctly.</li> <li>➤ Can greet individuals face to face or over the phone</li> <li>➤ Can open and close a conversation or open and close a meeting.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read short sentence, e.g. basic signs, simple instructions, agenda items, simple information on forms</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can open and close an e-mail or letter</li> <li>➤ Can write personal names, place names, job titles</li> <li>➤ Can write a simple message to a colleague on paper or e-mail, e.g. such and such has called.</li> </ul>
LEVEL 2			
<p><i>Can understand sentences when people talk about everyday situations, e.g. simple personal and family information. Can hold a basic conversation with someone to obtain or exchange straightforward information, e.g. discuss how a person is feeling; something which has happened; simple plan for the future. Can write and read messages in letters or e-mails describing familiar issues and written in short sentences.</i></p>			
UNDERSTANDING	SPEAKING	READING	WRITING
<p>Page 328</p> <ul style="list-style-type: none"> <li>➤ Can understand when people speak slowly about everyday situations, e.g. providing personal information, talking about what they have been doing, what they would like to do, how they feel general</li> <li>➤ Can understand when people ask you do something</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can communicate simple information or ask common questions, e.g. to acquire information from an individual</li> <li>➤ Can use Welsh to get to and emphasise with the individual but not able to conduct the entire conversation or session in Welsh</li> <li>➤ Can hold a short conversation with an individual or exchange relatively straightforward information</li> <li>➤ Can contribute to a meeting, but need to revert to English for specialist terms.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read short message and certain letters or e-mails, e.g. those which make a request or ask you to pass on a message</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can write a short message to a colleague asking a question, thanking her/him, explaining something, e.g. time and place of a meeting</li> <li>➤ Can write a short letter or e-mail to arrange an appointment</li> </ul>
LEVEL 3			
<p><i>Can understand the main points when an individual or colleague is talking about familiar subjects, e.g. during a conversation or small group meeting. Can hold extended conversations with fluent speakers about familiar subjects involving everyday work. Can describe experiences and events and provide concise explanations and reasons for opinions and plans. Can read articles, letters or e-mails about general subjects. Can write letters or e-mails about most subjects, e.g. requesting something; providing information; inviting somebody or organising an event.</i></p>			



UNDERSTANDING	SPEAKING	READING	WRITING
<ul style="list-style-type: none"> <li>➤ Can understand individuals and colleagues when exchanging information or discussing plans, if the subject is familiar.</li> <li>➤ Can understand a discussion at a meeting if the subject is familiar.</li> <li>➤ Can understand individuals and colleagues in a familiar situation or in everyday conversation.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can take part in most conversations with colleagues about work and plans if the vocabulary is not too technical.</li> <li>➤ Can hold a conversation with an individual or exchanging relatively straightforward information.</li> <li>➤ Can contribute to a meeting but need to revert to English for specialist terms.</li> <li>➤ Can adapt the style of language to suit the audience.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can understand most e-mail messages or letters concerning day to day work.</li> <li>➤ Can guess the meaning of a word based on context if the subject is familiar.</li> <li>➤ Can read a simple, straightforward article in a newspaper or magazine types of written material.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can write a letter or e-mail to an individual, or colleague about most topics in order to request something; provide an explanation; describe an experience or situation; invite people or organise an event.</li> <li>➤ Can write relatively accurately when drafting a short information leaflet or poster in Welsh as required.</li> </ul>

**LEVEL 4**

*Can usually follow most conversations or discussions, even on unfamiliar topics, Can talk confidently with fluent speakers about familiar subjects relating to work, and can express an opinion, take part in discussion, and talk extensively about general topics, e.g. in meetings or one-to-one situations with individuals. Can understand most correspondence, newspaper articles and reports intended for fluent speakers with the aid of Welsh language resources and can scan long texts to find details. Can complete forms and write reports relating to work and respond accurately.*

UNDERSTANDING	SPEAKING	READING	WRITING
<span style="writing-mode: vertical-rl; transform: rotate(180deg); position: absolute; left: -40px; top: 50%; font-weight: bold;">Page 329</span> <ul style="list-style-type: none"> <li>➤ Can follow most conversations and discussions with individuals or colleagues even if the subject matter is unfamiliar.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can contribute effectively to internal and external meetings in a work context.</li> <li>➤ Can converse comfortably with individuals and exchange information as required.</li> <li>➤ Can argue for and against a specific case.</li> <li>➤ Can chair meetings and answer questions from the chair confidently.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read most correspondence and scan long texts to find details.</li> <li>➤ Can understand most newspaper articles and reports with the aid of a dictionary.</li> <li>➤ Can understand texts, unless written in a very formal or colloquial form.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can produce correspondence of all types, short reports, documents and literature with support of Welsh language translation aids eg. Cysgeir, cysill.</li> </ul>

**LEVEL 5**

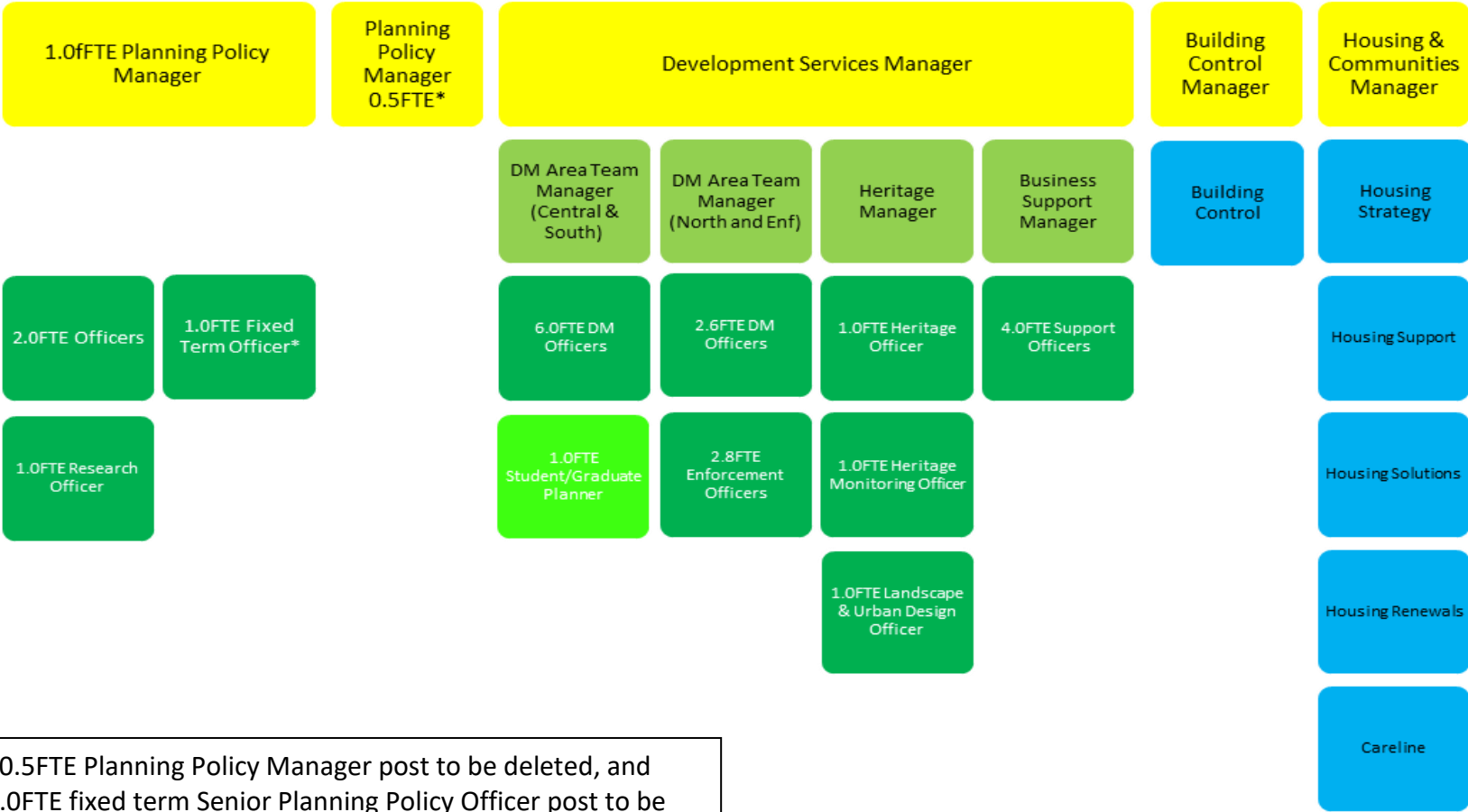
*Can understand everything that is being said. Can talk extensively about complex issues, presenting difficult information and can facilitate and summarise extended or complex discussions. Can summarise information from different sources (orally and in writing) and present it in a coherent way. Can express themselves spontaneously, fluently and in detail, adapting the language to suit the audience.*

UNDERSTANDING	SPEAKING	READING	WRITING
<ul style="list-style-type: none"> <li>➤ Can follow all conversations and discussions with individuals or colleagues.</li> <li>➤ Can understand the ambiguity and nuance of language.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can express yourself fully in detail, even when discussing complex issues.</li> <li>➤ Can adapt the style and register of your language to suit the audience.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can read and understand almost all written texts without difficulty, referring to a dictionary occasionally.</li> <li>➤ Can read long texts to find relevant details and can understand most types of written material.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Can write reports in a clear style appropriate to the reader with the support of electronic language aids.</li> <li>➤ Can write formal or informal Welsh as required.</li> <li>➤ Can write a range of documents accurately and with confidence.</li> </ul>



Appendix 2: structure chart

# Head of Planning, Housing & Place-Shaping



Page 331

\*0.5FTE Planning Policy Manager post to be deleted, and 1.0FTE fixed term Senior Planning Policy Officer post to be created, under a separate Cabinet Member decision

Bright green = post affected by this Cabinet Member decision



## Appendix 3: Future Generations Appraisal

# Future Generations Evaluation

(includes Equalities and Sustainability Impact)

<p>APPENDIX ONE</p> <p>Name of the Officer Mark Hand          Phone no: 07773 478579          E-mail: <a href="mailto:markhand@monmouthshire.gov.uk">markhand@monmouthshire.gov.uk</a></p>	<p>CREATION OF FIXED TERM STUDENT/GRADUATE PLANNER POST WITHIN THE DEVELOPMENT MANAGEMENT TEAM</p>
<p>Name of Service: Planning (Enterprise and Innovation Directorate)</p>	<p>Date: Future Generations Evaluation 23 April 2018</p>


*NB. Key strategies and documents that may help you identify your contribution to the wellbeing goals and sustainable development principles include: Single Integrated Plan, Continuance Agreement, Improvement Plan, Local Development Plan, People Strategy, Asset Management Plan, Green Infrastructure SPG, Welsh Language Standards, etc.*





### 1. Does your proposal deliver any of the well-being goals below?

Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<p><b>A prosperous Wales</b>            Efficient use of resources, skilled, educated people, generates wealth, provides jobs</p>	<p>The proposal seeks to ensure resources are best utilised and that a resilient service is provided for the benefit of colleagues, the wider Council and our communities. The proposal, by definition, provides job opportunities and seeks to provide opportunities for the next generation of planners.</p>	

Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<b>A resilient Wales</b> Maintain and enhance biodiversity and ecosystems that support resilience and can adapt to change (e.g. climate change)	Ensuring the planning service is properly resourced is essential to an effective service.	
<b>A healthier Wales</b> People's physical and mental wellbeing is maximized and health impacts are understood	Positive impact by ensuring quality services are provided and better outcomes delivered.	
<b>A Wales of cohesive communities</b> Communities are attractive, viable, safe and well connected	Positive impact by ensuring quality services are provided and better outcomes delivered.	
<b>A globally responsible Wales</b> Taking account of impact on global well-being when considering local social, economic and environmental wellbeing	Positive impact by ensuring quality services are provided and better outcomes delivered.	
<b>A Wales of vibrant culture and thriving Welsh language</b> Culture, heritage and Welsh language are promoted and protected. People are encouraged to do sport, art and recreation	Positive impact by ensuring quality services are provided and better outcomes delivered.	
<b>A more equal Wales</b> People can fulfil their potential no matter what their background or circumstances	Positive impact by ensuring quality services are provided.	

**2. How has your proposal embedded and prioritised the sustainable governance principles in its development?**

Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
 <p>Balancing short term need with long term and planning for the future</p> <p>Long Term</p>	The proposal seeks to balance budget pressures with short term workload and priorities and longer term benefits of better outcomes and LDP project, even though some of those benefits (financial and otherwise) will not directly benefit the service or organisation.	

Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
 <p>Working together with other partners to deliver objectives</p> <p><b>Collaboration</b></p>	Developing expertise and capacity to deliver better outcomes.	
 <p>Involving those with an interest and seeking their views</p> <p><b>Involvement</b></p>	As above	
 <p>Putting resources into preventing problems occurring or getting worse</p> <p><b>Prevention</b></p>	The proposal seeks to balance budget pressures with short term workload and priorities and longer term benefits of better outcomes and developing the next generation of planners.	
 <p>Considering impact on all wellbeing goals together and on other bodies</p> <p><b>Integration</b></p>	The service contributes to the wellbeing goals and therefore an improvement to service delivery and outcomes should have a positive impact on delivering the well-being goals.	

3. **Are your proposals going to affect any people or groups of people with protected characteristics?** Please explain the impact, the evidence you have used and any action you are taking below. For more detailed information on the protected characteristics, the Equality Act 2010 and the Welsh Language Standards that apply to Monmouthshire Council please follow this link: <http://hub/corporatedocs/Equalities/Forms/AllItems.aspx> or contact Alan Burkitt on 01633 644010 or [alanburkitt@monmouthshire.gov.uk](mailto:alanburkitt@monmouthshire.gov.uk)

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Age	Consider the impact on our community in relation to this e.g. how do we engage with older and younger people about our services, access issues etc. Also consider what issues there are for employment and training.	n/a	The proposal seeks to develop and retain in Wales the next generation of planners. Student/graduate applicants are likely to be younger people although there may be mature students too.
Disability	What issues are there are around each of the disability needs groups e.g. access to buildings/services, how we provide services and the way we do this, producing information in alternative formats, employment issues.	n/a	n/a
Gender reassignment	Consider the provision of inclusive services for Transgender people and groups. Also consider what issues there are for employment and training.	n/a	n/a
Marriage or civil partnership	Same-sex couples who register as civil partners have the same rights as married couples in employment and must be provided with the same benefits available to married couples, such as survivor pensions, flexible working, maternity/paternity pay and healthcare insurance	n/a	n/a
Pregnancy or maternity	<i>In employment a woman is protected from discrimination during the period of her pregnancy and during any period of compulsory or additional maternity leave. In the provision of services, good and facilities, recreational or training facilities, a woman is protected from discrimination during the period of her pregnancy and the period of 26 weeks beginning with the day on which she gives birth</i>	n/a	n/a

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Race	<i>Think about what the proposal will do to promote race equality with the aim of: eliminating unlawful discrimination, promoting equality of opportunity and promoting good relations between persons of different racial groups. Also think about the potential to affect racial groups differently. Issues to look at include providing translation/interpreting services, cultural issues and customs, access to services, issues relating to Asylum Seeker, Refugee, Gypsy &amp; Traveller, migrant communities and recording of racist incidents etc.</i>	n/a	n/a
Religion or Belief	<i>What the likely impact is e.g. dietary issues, religious holidays or days associated with religious observance, cultural issues and customs. Also consider what issues there are for employment and training.</i>	n/a	n/a
Sex	<i>Consider what issues there are for men and women e.g. equal pay, responsibilities for dependents, issues for carers, access to training, employment issues. Will this impact disproportionately on one group more than another</i>	n/a	n/a
Sexual Orientation	<i>Consider the provision of inclusive services for e.g. older and younger people from the Lesbian, Gay and Bi-sexual communities. Also consider what issues there are for employment and training.</i>	n/a	n/a
Welsh Language	<i>Under the Welsh Language measure of 2011, we need to be considering Welsh Language in signage, documentation, posters, language skills etc. and also the requirement to promote the language.</i>	n/a	n/a

4. Council has agreed the need to consider the impact its decisions has on important responsibilities of Corporate Parenting and safeguarding. Are your proposals going to affect either of these responsibilities? For more information please see the guidance <http://hub/corporatedocs/Democratic%20Services/Safeguarding%20Guidance.docx> and for more on Monmouthshire's Corporate Parenting Strategy see <http://hub/corporatedocs/SitePages/Corporate%20Parenting%20Strategy.aspx>





	<b>Describe any positive impacts your proposal has on safeguarding and corporate parenting</b>	<b>Describe any negative impacts your proposal has on safeguarding and corporate parenting</b>	<b>What will you do/ have you done to mitigate any negative impacts or better contribute to positive impacts?</b>
Safeguarding	<i>Safeguarding is about ensuring that everything is in place to promote the well-being of children and vulnerable adults, preventing them from being harmed and protecting those who are at risk of abuse and neglect.</i>	n/a	n/a
Corporate Parenting	<i>This relates to those children who are 'looked after' by the local authority either through a voluntary arrangement with their parents or through a court order. The council has a corporate duty to consider looked after children especially and promote their welfare (in a way, as though those children were their own).</i>	n/a	n/a

**5. What evidence and data has informed the development of your proposal?**

This report is founded upon the following:

Experience, liaison with colleagues regarding resource requirements, available budgets.

Page 337

**6. SUMMARY: As a result of completing this form, what are the main positive and negative impacts of your proposal, how have they informed/changed the development of the proposal so far and what will you be doing in future?**

The proposed post provides flexible additional resource to support service delivery with the added benefits of helping develop the next generation of planners to the benefit of the Council, region and planning profession.

**7. ACTIONS: As a result of completing this form are there any further actions you will be undertaking? Please detail them below, if applicable.**

<b>What are you going to do</b>	<b>When are you going to do it?</b>	<b>Who is responsible</b>	<b>Progress</b>
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n/a			
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**8. MONITORING:** The impacts of this proposal will need to be monitored and reviewed. Please specify the date at which you will evaluate the impact, and where you will report the results of the review.

The impacts of this proposal will be evaluated on:	October 2018 via Annual Performance Report and progress with Planning Performance Agreements.
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**9. VERSION CONTROL:** The Future Generations Evaluation should be used at the earliest stages of decision making, and then honed and refined throughout the decision making process. It is important to keep a record of this process so that we can demonstrate how we have considered and built in sustainable development wherever possible.

Version No.	Decision making stage	Date considered	Brief description of any amendments made following consideration
1.	<i>Submission of the proposal</i>	<i>May 2018</i>	<i>This will demonstrate how we have considered and built in sustainable development throughout the evolution of a proposal.</i>

<b>SUBJECT:</b>	<b>General Data Protection Regulation Policy (GDPR)</b>
<b>MEETING:</b>	<b>ICMD</b>
<b>DATE:</b>	<b>9<sup>th</sup> May 2018</b>
<b>DIVISION/WARDS AFFECTED:</b>	<b>All areas</b>

## 1. PURPOSE:

To seek member approval to a revised Data Protection Policy, GDPR Policy. The existing Data Protection Policy has been revised to reflect the additional requirements around personal data as set out in the new General Data Protection Regulations (GDPR) which come into effect from May 25<sup>th</sup> 2018.

## 2. RECOMMENDATIONS:

The Cabinet Member with portfolio responsibility for data protection approve the revised Data Protection Policy (GDPR Policy) attached in readiness for May 25<sup>th</sup> 2018 when the new regulations come into force.

## 3. KEY ISSUES:

3.1 On May 25<sup>th</sup> 2018 the new GDPR regulations come into force superseding the current Data Protection requirements as outlined in the DP Act 1988. The GDPR principles, although largely similar to the Data Protection Act, have now changed with greater emphasis being placed on accountability, the expansion of individual rights over their data, data processing and security.

3.2 The ICO have set out a “12 Steps to reach compliance” document which Monmouthshire County Council have actively been working towards:

- Awareness
- Information Audit
- Communicating Privacy Information
- Individual Rights
- Legal Basis
- Consent
- Children
- Data Breaches
- Data Protection by Design and Data Protection Impact Assessment
- Data Protection Office
- International

3.3 The Council has identified the extent of the work that needs to be undertaken to fully comply with the new regulations and has given priority to ensuring that all privacy notices, data privacy

impact assessments, are in place for May 25<sup>th</sup> and areas where significant work is needed to ensure that information held on our systems is fully compliant have an action plan to address.

The revision of the existing Data Protection Policy to reflect the new regulations is another step towards compliance

#### **4. OPTIONS APPRAISAL**

Compliance with the GDPR is mandatory as of May 25<sup>th</sup> 2018.

#### **5. EVALUATION CRITERIA**

An evaluation assessment has been included at Appendix A for future evaluation of whether the decision has been successfully implemented. The decision will come back to this committee in 12 months for review.

#### **6. REASONS:**

GDPR comes into force on May 25<sup>th</sup> 2018 and therefore the current Data Protection Policy needs to be revised to take account of the new responsibilities identified in the new regulations.

#### **7. RESOURCE IMPLICATIONS:**

There are no resource implications associated with the revision of the policy, however there will be costs associated with the implementation of the policy including:

The cost of registering data controllers with the ICO has also increased. Previously costs were £35 or £500 for organisations turning over £25.9M and more than 249 members of staff or a public authority with over 249 employees.

New fees under GDPR:

**Tier 1 – micro organisations now £40** (maximum turnover of £632,000 in financial year **or** no more than 10 members of staff)

**Tier 2 – small and medium organisations now £60** (maximum turnover of £36 million in financial year **or** no more than 250 members of staff)

**Tier 3 – large organisations £2900**

- Some systems may need to be adapted to meet the needs and functionality required for GDPR – these will be determined as we move forward with implementation of the new regulations across the authority. Where possible costs will be absorbed and if necessary identified as and reported for necessary approval.

#### **8. WELLBEING OF FUTURE GENERATIONS IMPLICATIONS (INCORPORATING EQUALITIES, SUSTAINABILITY, SAFEGUARDING AND CORPORATE PARENTING):**

Every effort will be made to communicate changes to data privacy policies with all individuals including the provision to translate into Welsh medium where required/ further information on request.

**9. CONSULTEES:**

IGG – Information Governance Group  
SIRO – Senior Information Risk Officer  
Internal Audit

**10. BACKGROUND PAPERS:**

Not applicable

**11. AUTHOR (S):**

Annette Evans Customer Relations Manager and Acting Data Protection Officer,  
Rachel Trusler Freedom of Information and Data Protection Support Officer in consultation with  
Tracey Harry Head of People and Senior Information Risk Officer (SIRO) and Internal Audit.

**12. CONTACT DETAILS:**

Tel: Ext. 4946

E-mail: [racheltrusler@monmouthshire.gov.uk](mailto:racheltrusler@monmouthshire.gov.uk)

## Evaluation Criteria – Cabinet, Individual Cabinet Member Decisions & Council

<b>Title of Report:</b>	
<b>Date decision was made:</b>	
<b>Report Author:</b>	

### What will happen as a result of this decision being approved by Cabinet or Council?

The desired outcome of the decision is for Monmouthshire County Council to adopt and implement the General Data Protection Regulation GDPR Policy  
12 month appraisal

*Was the desired outcome achieved? What has changed as a result of the decision? Have things improved overall as a result of the decision being taken?*

### What benchmarks and/or criteria will you use to determine whether the decision has been successfully implemented?

Think about what you will use to assess whether the decision has had a positive or negative effect:

Has there been an increase/decrease in the number of users

Individuals will have more information on their data privacy and individual rights, this will be readily available on, but not limited to the Monmouthshire County Council public website and updated accordingly.

12 month appraisal

*Paint a picture of what has happened since the decision was implemented. Give an overview of how you fared against the criteria. What worked well, what didn't work well. The reasons why you might not have achieved the desired level of outcome. Detail the positive outcomes as a direct result of the decision. If something didn't work, why didn't it work and how has that effected implementation.*

### What is the estimate cost of implementing this decision or, if the decision is designed to save money, what is the proposed saving that the decision will achieve?

On undertaking preparations for the GDPR, there may be costs involved in updating systems with functionality to undertake actions required by individual rights if upheld ( e.g. the right erasure)

Registration with the ICO is increasing brackets are £40, £60 and approx. £2,900 dependant on size and application criteria. Visit [www.ico.org.uk](http://www.ico.org.uk) for further information

12 month appraisal

*Give an overview of whether the decision was implemented within the budget set out in the report or whether the desired amount of savings was realised. If not, give a brief overview of the reasons why and what the actual costs/savings were.*

Any other comments

I accept/I do not accept the recommendation made above

Signed: [Signed by Chief Officer / Head of Service / Chief Executive]

Date: Insert Date

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## MONMOUTHSHIRE COUNTY COUNCIL

# GENERAL DATA PROTECTION REGULATION POLICY

(GDPR)



<b>1. Policy information</b>	
<b>Organisation</b>	Monmouthshire County Council
<b>Scope of policy</b>	This policy relates to Monmouthshire County Council and all of its activities which involve processing personal data GDPR
<b>Policy operational date</b>	Original April 2012/ Revised version June 2015/ revised to reflect GDPR April 2018
<b>Policy prepared by</b>	Annette Evans- Customer Relations Manager & Acting Data Protection Officer Rachel Trusler- Freedom of Information & Data Protection Support Officer In consultation with Tracey Harry- Head of People & Senior Information Risk Officer (SIRO) and Information Governance Group (IGG)
<b>Recommendation</b>	Elected Member decision for Monmouthshire County Council to adopt and implement the policy
<b>Approved By</b>	
<b>Policy review date</b>	<p>The Policy is to be reviewed by the Information Governance Group every three years, commencing 1<sup>st</sup> March 2015.</p> <p><b>Note:</b> Amendments to this Statement of Policy are to be undertaken in consultation with:</p> <ul style="list-style-type: none"><li>• The Council's Monitoring Officer</li><li>• Head of Legal Services</li><li>• Members of the Information Governance Group</li><li>• Single Member</li></ul>



**Contents**

Policy Information	1
Introduction	3
Accountability	6
Confidentiality	11
Data processing and retention	13
Subject Access	14
Transparency	15
Information Sharing	16
Reporting of breaches	17
Complaints	18
Appendix 1	19

**Updates:**

Rev 1	October 2010	Add Data Sharing note & minor updates
Rev 2	September 2011	Minor revision and addition of sections for Security; inclusion of WASPI
Rev 3	November 2011	Addition of section on breach reporting and related amendments to Responsibilities section
Rev 3a	February 2011	Amendment to section on review
Rev 4	June 2015	Update following programmed review
Rev 5	April 2018	Revisited to reflect GDPR- Accountability, Principles A-F, Retention, SAR timescales, information sharing, breach notification process and complaints including new email <a href="mailto:dataprotection@monmouthshire.gov.uk">dataprotection@monmouthshire.gov.uk</a>



## 2. Introduction

<p><b>Purpose of policy</b></p>	<p>The primary purpose of this Policy is to set out the methods which Monmouthshire County Council will adopt to ensure it complies at all times with its duties under the General Data Protection Regulation (GDPR) and Data Protection Law. It is not a comprehensive guide to Data Protection legislation.</p>
<p><b>Brief introduction to General Data Protection Regulation</b></p>	<p>The General Data Protection Regulation strengthens individual rights and unifies data protection across the EU. Within scope of the GDPR falls any “processing” (including obtaining, holding, using, disclosing etc.) of personal data relating to living individuals.</p> <p>The Regulation states that controllers and processors of personal data must comply with principles A-F, which are described below: The GDPR also has the added overarching principle of accountability. The GDPR provides the following rights for individuals:</p> <ul style="list-style-type: none"> <li>• The right to be informed</li> <li>• The right of access</li> <li>• The right to rectification</li> <li>• The right to erasure</li> <li>• The right to restrict processing</li> <li>• The right to data portability</li> <li>• The right to object</li> <li>• Rights in relation to automated decision making and profiling.</li> </ul> <p>Further information about GDPR may be found at: <a href="http://www.ico.org.uk">www.ico.org.uk</a></p>
<p><b>GDPR Principles A-F</b></p>	<p>Monmouthshire County Council will adhere to the six Principles of GDPR and will at all times comply with its duties under Data Protection Laws. When handling personal data the Council will comply with the rights of privacy and respect for personal and family life set out in Article 8 of the Human Rights Act 1998</p> <p>The 6 GDPR Principles A-F are:</p> <p>“a) processed lawfully, fairly and in a transparent manner in relation to individuals;</p> <p>b) collected for specified, explicit and legitimate purposes and not further processed in a manner that is incompatible with those purposes; further processing for archiving purposes in the public interest, scientific or historical research purposes or statistical purposes shall not be considered to be incompatible with the initial purposes;</p> <p>c) adequate, relevant and limited to what is necessary in relation to the purposes for which they are processed;</p> <p>d) accurate and, where necessary, kept up to date; every</p>



	<p>reasonable step must be taken to ensure that personal data that are inaccurate, having regard to the purposes for which they are processed, are erased or rectified without delay;</p> <p>e) kept in a form which permits identification of data subjects for no longer than is necessary for the purposes for which the personal data are processed; personal data may be stored for longer periods insofar as the personal data will be processed solely for archiving purposes in the public interest, scientific or historical research purposes or statistical purposes subject to implementation of the appropriate technical and organisational measures required by the GDPR in order to safeguard the rights and freedoms of individuals; and</p> <p>f) processed in a manner that ensures appropriate security of the personal data, including protection against unauthorised or unlawful processing and against accidental loss, destruction or damage, using appropriate technical or organisational measures.”</p>
<p><b>Personal data</b></p>	<p>The definition of “personal data” is legally complex and will not be fully explained in this policy. However, in broad terms, data should be considered to be “personal” if it relates to a living person who can be identified from the data. The data will also be classed as personal if it can be used with other known data to identify a living person.</p> <p>“Data” also has a legal definition, but can be interpreted as any information processed by the Council.</p> <p>“Processing” refers to any action involving data, including but not limited to: collecting, amending, storing, deleting and sharing.</p> <p>The GDPR will therefore apply to any data processed by the Council and its staff which could be used to identify a living person.</p> <p>“Special category” data is personal data which the GDPR says is more sensitive, and so needs more protection. In order for Mon CC to process special categories of personal data, a lawful basis under GDPR article 6 will be used, along with a separate condition for processing under GDPR Article 9. For full recital information please visit <a href="http://www.ico.org.uk">www.ico.org.uk</a>. Examples of special categories of personal data now include some biometric information and genetic data.</p>



<p><b>Policy statement</b></p>	<p>The Council is committed to:</p> <ul style="list-style-type: none"> <li>• complying with both the law and good practice</li> <li>• respecting individuals' rights</li> <li>• being open and honest with individuals whose data is held</li> <li>• Maintaining registration with the Information Commissioner</li> <li>• Providing GDPR compliant documents such as: privacy notices, explicit opt-in consent options where appropriate and compliant Data Protection Impact Assessments when undertaking new projects or if there is a potential of harm to an individual</li> <li>• providing training and support for staff who handle personal data, so that they can act confidently and consistently</li> </ul>
<p><b>Key risks</b></p>	<p>The Council's main risks with regard to data fall into two key areas:</p> <p>Information about individuals falling into the wrong hands, through poor security or inappropriate disclosure of information:</p> <ul style="list-style-type: none"> <li>• Accidental loss of data</li> <li>• Deliberate theft of data</li> <li>• Lack of vigilance by staff or lack of training</li> </ul> <p>Individuals being harmed through data being inaccurate or insufficient:</p> <ul style="list-style-type: none"> <li>• Vulnerable people put at risk</li> <li>• Inappropriate action taken by the Council, such as incorrect legal action</li> </ul> <p>The Council seeks to minimise these risks through the use of appropriate physical and electronic data security, policies, procedures, training and guidance. (List of related policies in appendix)</p>



### 3. Accountability

**All individuals  
“processing”  
personal data**

Under GDPR all individuals who process personal data are accountable and must be compliant.

**Data Protection  
Officer**

As a public authority we have appointed a Data Protection Officer (DPO).

- Our DPO reports directly to our Senior Information Risk Officer (SIRO) and Information Governance Group (IGG) and is given the required independence and resources to perform their tasks.
- We involve our DPO, in a timely manner, in all issues relating to the protection of personal data.
- We do not penalise the DPO for performing their duties and ensure that any other tasks or duties we assign our DPO do not result in a conflict of interests with their role as a DPO.

**Tasks of the DPO**

- Our DPO is tasked with monitoring compliance with the GDPR and other data protection laws, our data protection policies, awareness-raising, training, and audits.
- We will take account of our DPO’s advice and the information they provide on our data protection obligations.
- When carrying out a Data Protection Impact Assessment, we seek the advice of our DPO who also monitors the process.
- Register (notify) under Data Protection Law with the ICO (excluding schools)
- Our DPO acts as a contact point for the ICO.
- When performing their tasks, our DPO has due regard to the risk associated with processing operations, and takes into account the nature, scope, context and purposes of processing.
- Our DPO can be contacted through:  
[dataprotection@monmouthshire.gov.uk](mailto:dataprotection@monmouthshire.gov.uk)

**Managers**

Each team or department where personal data is handled is responsible for drawing up local operational procedures which are consistent with this policy and corporate practice to ensure that good GDPR Data Protection practice is established and followed. This includes the use of information sharing protocols where there is a regular need to share personal data.

Managers must ensure that the Data Protection Officer is informed of any



changes in their Service area's uses of personal data that might affect the organisation's Registration with the ICO.

Managers should also liaise with the Data Protection Officer in any situation where doubt exists over proper practice.

Managers are also responsible for ensuring that their staff are aware of the mandatory GDPR training. (This will be monitored by Supervision and appraisal however, Individual officers are responsible for undertaking mandatory training as instructed.

Should any breaches of the GDPR and related data protection law be identified, such as accidental or malicious loss of data, the individual's line manager must report the loss to the Data Protection Officer as soon as possible, without delay. In any event, data breaches that could result in harm to an individual must be reported by the Data Protection Officer to the ICO within 72 hours of the incident occurring or breach becoming known, following the breach flowchart process.



<p><b>Staff</b></p>	<p>All staff and are required to read, understand and accept any policies and procedures that relate to the personal data they may handle in the course of their work. Staff must familiarise themselves with the Mon CC GDPR video.</p> <p>Staff must have received a level of training appropriate to the nature of personal data handled and the context of their work before they handle personal data. In any case, at the start of employment, all staff must watch the introductory materials and be aware of: the key principles A-F, accountability, how to report a breach and where to find further information on GDPR compliance. This may be part of the Corporate Induction or Service/Volunteer level Induction ( depending on which is first and ideally on the first day)</p> <p>Should any breaches of the GDPR and other relevant Data Protection law be identified, such as accidental or malicious loss of data, any member of staff must report the loss to their line manager as soon as possible, without delay who must then report to the Data Protection Officer. In any event, data breaches that could result in harm to an individual must be reported by the Data Protection Officer to the ICO within 72 hours of the incident occurring or breach becoming known.</p>
<p><b>Elected Members</b></p>	<p>All Elected Members are required to read, understand and accept any policies and procedures that relate to the personal data they may handle in the course of their position. Elected Members must familiarise themselves with the Mon CC GDPR video.</p> <p>Elected Members must have received a level of training appropriate to the nature of personal data handled and the context of their work before they handle personal data. In any case, at the start of position, all Elected Members must watch the introductory materials and be aware of: the key principles A-F, accountability, how to report a breach and where to find further information on GDPR compliance. This may be part of the Corporate Induction or Service level Induction ( depending on which is first and ideally on the first day)</p> <p>Should any breaches of the GDPR and other relevant Data Protection law be identified, such as accidental or malicious loss of data, an Elected Member must report the loss to the Data Protection Officer as soon as possible, without delay. In any event, data breaches that could result in harm to an individual must be reported by the Data Protection Officer or Elected Member (as a data controller in their own right) to the ICO within 72 hours of the incident occurring or breach becoming known.</p> <p>Elected Members are responsible for their own registration with the ICO as a data controller.</p>
<p><b>Volunteers</b></p>	<p>All volunteers are required to read, understand and accept any policies and procedures that relate to the personal data they may handle in the course of their work. This will for example include being fully aware of the Team Kinetic Policy (content record management system), the electronic</p>





management system for linking volunteers with opportunities. Volunteers must familiarise themselves with the Mon CC GDPR video.

Volunteers must have received a level of training appropriate to the nature of personal data handled and the context of their work before they handle personal data. This will be recorded via Team Kinetic.

In any case, at the start of a volunteering opportunity placement, all volunteers must use the introductory materials and be aware of: the key principles A-F, accountability, how to report a breach and where to find further information on GDPR compliance. This may be part of the Volunteer Induction or Service level Induction ( depending on which is first and ideally on the first day)

Should any breaches of the GDPR and other relevant Data Protection law be identified, such as accidental or malicious loss of data, volunteers must report the loss to the Volunteer Coordinator responsible as soon as possible, without delay. In any event, data breaches that could result in harm to an individual must be reported by the Data Protection Officer to the ICO within 72 hours of the incident occurring or breach becoming known.



<p><b>Shared Resource Service (SRS)</b></p>	<p>The Shared Resource Service (SRS) is an arm's length joint service hosted by Torfaen County Borough Council that deals with MCC's Information Technology. The SRS is a collaborative ICT provision that covers Gwent Police, Monmouthshire County Council (MCC) and Torfaen County Borough Council (TCBC). The SRS is underpinned with a MOU (memorandum of understanding) that enables a single management structure across the board.</p> <p><b>Services and responsibilities of the SRS:</b></p> <p><b>Implementation Services-</b> providing MCC with development and technical programme services. Responsible for application development, implementation and transition through to project support. GIS (Geographic Information Services) application services and database services.</p> <p><b>Infrastructure Services-</b> server, airwave and network services. The server work stream is responsible for the deployment, implementation, management and support of the server infrastructure throughout the SRS. Responsible for the deployment, implementation, management and support of the network infrastructure through the SRS.</p> <p><b>Operations Services-</b> desktop services and operations services. Responsible for project support, frontline services support, installs, repairs and project work along with back office support.</p> <p><b>Information Security-</b> ensuring that the SRS partners Networks are secured to the appropriate national standards. SRS takes ownership of the ISO27001 Accreditation for Ty Cyd 1 and manage the Technical and Physical Security of the SRS Partners.</p>
<p><b>Enforcement</b></p>	<p>Conduct, including negligence, which breaches GDPR and other Data Protection law or guidelines may be subject to investigation under other Council policies such as, for example, the Disciplinary Policy or the Code of Conduct, and the sanctions therein.</p> <p>Breaches of the GDPR or other related Data Protection law may render the Council and individual officers liable to prosecution and legal consequences.</p>



## 4. Confidentiality

**Scope**

Confidentiality applies to a much wider range of information than Data Protection. It forms a part of the standards expected of staff, volunteers, Members and is reflected in both Codes of Conduct.

Confidentiality is also a common law concept. Wrongly revealing confidential information relating to a citizen, client, colleague or any other living individual would be a breach of the GDPR, but revealing confidential information about a deceased person, a contract, another organisation or the Council itself is also a breach of confidentiality and may be punishable in law or by disciplinary proceedings.

However, information which could be considered confidential remains subject to the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 and may sometimes need to be released following a formal request. It is important that all such requests are processed by Customer Relations in line with the Council's normal procedures, to ensure that exemptions or exceptions are applied correctly.

Should any other department or school receive FOI requests direct they must centrally report to Customer Relations to receive a log number and follow normal procedure.

**Confidentiality-code of conduct**

Access to confidential information will normally be on a "need to know" basis collected for specified, explicit and legitimate purposes and not further processed. The data will be limited to necessary purposes only related to the roles of officers and members.

Confidentiality underpins the work of some parts of the Council, such as Social Services, and is a part of the professional training for relevant officers. Social Services practices include advising the client how information will be used and shared.

Similarly, schools must provide new students and their parents GDPR complaint privacy notices before processing (including the sharing of) personal information.

**Confidentiality-exemptions**

It may be necessary in some circumstances to release information which would be considered confidential. This will normally be to satisfy a legal requirement, such as a Freedom of Information Act request where the information is not covered by an exemption, or a request for information under the appropriate exemption, which deals with matters of crime and taxation or safeguarding.

Such information should only be released under the Council's Freedom of Information procedure or in the case of a GDPR Subject Access Request (SAR) with the agreement of the Council's Data



	<p>Protection Officer, the Customer Relations Manager or another suitably empowered senior officer.</p>
<p><b>Privacy Notices</b> (Fair Processing Notice)</p>	<p>Individuals are normally advised at the start of the relationship how their data will be used via a privacy notice. Some departments, such as schools and Social Services, use advisory leaflets as well as providing online links. Access our online Privacy Notice library. Personal data will be obtained either directly from an individual or indirectly. Where information has been received indirectly from another source, the source will be named along with the categories of personal information received.</p>
<p><b>Communication with staff, Volunteers and Members</b></p>	<p>Confidentiality forms part of the professional training of many staff groups. The expected standards are also laid out in the Codes of Conduct for staff and Elected Members. Expected standards for Volunteers are set out in the Volunteer Agreement.</p> <p>The Council raises awareness with staff, volunteers and Elected Members via various means including, but not limited to, training.</p>
<p><b>Authorisation for disclosures not directly related to the reason why data is held</b></p>	<p>These fall into two main categories: those likely to be at the instigation, or in the interests, of the Data Subject, and those which are made in the course of official investigations.</p> <p>For the first (such as a financial reference request from a bank), consent from the Individual is likely to be the normal authorisation. This consent should be recorded. For the second, it may be appropriate for the Individual not even to be informed; authorisation should be made by a Chief Officer, with the knowledge of the Council's Data Protection Officer.</p> <p>Advice may also be sought from the Council's Monitoring Officer.</p>



## 5. Data processing and retention

<b>General</b>	The Council has developed policies and guidance for Data processing in relation to storage, security and appropriate deletion of personal data.
<b>Information Asset Register "Systems list"</b>	<p>The Council maintains an information asset register known as the "Systems List" which sets out information such as:</p> <ul style="list-style-type: none"> <li>• the categories of personal data being processed,</li> <li>• the purpose of processing,</li> <li>• the legal basis for processing,</li> <li>• retention period and deletion methods,</li> <li>• links to privacy notice(s)</li> <li>• explicit consent ( if applicable),</li> <li>• data protection impact assessments</li> <li>• ability to action individual rights such as the right to erasure</li> <li>• Third party contractor compliance</li> </ul>
<b>Retention periods</b>	Retention periods for all types of documents are defined by the Council's Retention Schedule based on legislation and good practice.



## 6. Data Subject Access Requests (DSAR)

<p><b>Responsibility</b></p>	<p>All officers are responsible for ensuring that any valid subject access request concerning information they hold are satisfactorily responded to within 28 calendar days. A request will not be considered valid until the identity of the requestor has been verified. An officer who receives a subject access request must contact the Data Protection Officer, who will oversee and expedite the process as necessary.</p>
<p><b>Procedure for making DSAR request</b></p>	<p>Subject access requests can be made verbally or in writing. Use of the subject access request form should be encouraged whenever possible, though no valid request will be rejected because a form has not been used.</p> <p>All members of staff are responsible for passing on anything which might be a subject access request to the appropriate officer without delay.</p> <p>The Data Protection Officer or the Legal Services team should be consulted whenever advice is required.</p>
<p><b>Provision for verifying identity</b></p>	<p>A search for data information following a subject access request should not be commenced until the identity of the requestor has been verified. Documents which provide acceptable verification are listed on the Subject Access Request form.</p>
<p><b>Procedure for granting access</b></p>	<p>Information will normally be provided in permanent form, i.e. by hard or electronic copy, according to how the information is held and the wishes of the requestor. If applicable the right to data portability must be upheld, unless overridden by another lawful basis. A requestor may also be granted supervised access to certain documents if this can be done without revealing any other person's personal information.</p> <p>Care must always be taken to ensure that the personal data of any third party is not disclosed. When redaction of third party personal data destroys the sense of a document, a summary may be provided in its place.</p>



## 7. Transparency

<p><b><i>Commitment</i></b></p>	<p>The Council is committed to ensuring that in principle Data Subjects are aware that their data is being processed and</p> <ul style="list-style-type: none"> <li>• for what purpose it is being processed</li> <li>• what types of disclosure are likely, and</li> <li>• how to exercise their rights in relation to the data</li> </ul>
<p><b><i>Procedure</i></b></p>	<p>The main ways in which data subjects are advised of the above are:</p> <ul style="list-style-type: none"> <li>• Fair processing notices when data is collected</li> <li>• On the Council's website</li> <li>• Other examples may include letters of employment and Elected Members' Welcome Packs</li> </ul>



## 8. Information Sharing

<p><b>Purpose</b></p>	<p>The Council holds a large volume of personal data which has been collected for a variety of purposes. It may be the case that information collected by one Council department would be legitimately of use to another, or to a partner organisation through a recognised legal basis. (Explicit consent from the data subject, under contractual agreement, legal obligation, vital interests, undertaking a public task or acting under legitimate interests)</p>
<p><b>Legality</b></p>	<p>Data sharing is generally legal, provided that the provisions of the GDPR and other Data Protection Laws are satisfied.</p> <p>Data collected by Monmouthshire County Council may be shared with other relevant departments of the Council provided that there is a legal basis to do so and that the purpose for which the data is used is compatible with the purposes stated when the data was collected. (Transparently disclosed via data privacy notices covering the service)</p> <p>Specific guidance on responsibilities of Elected Members in relation to data protection laws can be found at <a href="http://www.ico.org.uk/for-organisations/political/">www.ico.org.uk/for-organisations/political/</a></p> <p>Any sharing with a partner organisation must also follow the GDPR and principles A-F and have a robust sharing protocol in place.</p> <p>If the GDPR cannot be satisfied, personal data must not be shared.</p> <p>If any doubt over legality exists, personal information should not be released without the agreement of the Data Protection Officer.</p>
<p><b>Procedures</b></p>	<p>Occasional data sharing can be undertaken without any formal arrangements provided that the legal requirements are satisfied e.g. in a “life and limb” situation acting under Vital Interest.</p> <p>However, if regular or large-scale data sharing is envisaged, information sharing protocols (ISP’s) should be set up. The Information Commissioner’s Office has provided a <u>Framework Code of Practice</u> as guidance.</p> <p>The Wales Accord on Sharing Personal Information (WASPI) is used throughout the Welsh public sector and forms a framework within which the Information Sharing Protocol should be used.</p>





## 9. Reporting of breaches

<p><b>General</b></p>	<p>Any loss or improper release of personal data has the potential to cause damage or distress to those individuals who are affected by it. It is the responsibility of the Council to ensure that adequate protection is in place to prevent such incidents.</p> <p>The Information Commissioner has powers to use a range of enforcement and deterrent actions including the imposition of Monetary Penalty Notices (fines) up to £17million or 4% of gross annual turnover.</p> <p>All breaches, however small or large, must therefore be reported to line managers, and from there to the Council's Data Protection Officer, for further consideration and action.</p> <p>The GDPR imposes a strict deadline of 72 hours, from the time of the breach occurring or being identified to the time of the Data Protection Officer reporting the breach directly to the ICO.</p> <p><b>CONCEALING OR FAILING TO REPORT A BREACH MAY BE CONSIDERED TO BE A DISCIPLINARY MATTER.</b></p>
<p><b>Definition of breach</b></p>	<p>Personal data breaches can include:</p> <ul style="list-style-type: none"> <li>• access by an unauthorised third party;</li> <li>• deliberate or accidental action (or inaction) by a controller or processor;</li> <li>• sending personal data to an incorrect recipient;</li> <li>• computing devices containing personal data being lost or stolen;</li> <li>• alteration of personal data without permission; and</li> <li>• loss of availability of personal data.</li> </ul>
<p><b>Process to be followed</b></p>	<p>When a data breach is reported, the line manager or volunteer coordinator must promptly advise the Council's Data Protection Officer by telephone in the first instance. This must be followed up with an email to <a href="mailto:Dataprotection@monmouthshire.gov.uk">Dataprotection@monmouthshire.gov.uk</a> providing relevant information, as requested by the DP Officer on the data breach.</p> <p>In consultation with the DP Officer, the service manager will establish what remedial action is required to prevent a recurrence.</p> <p>The DP Officer will consider the seriousness of each reported breach, in accordance with the guidelines provided by the ICO, and decide whether it should be reported to the Information Commissioner's Office ( within the new timescale of 72 hours from time f breach occurring). Senior Information Risk Officer</p>



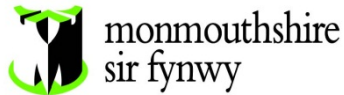
	<p>(SIRO) views will be sought in any case where the impact of the breach is serious enough that advising the ICO is being considered.</p> <p>The Data Protection Officer will maintain a register of all breaches and retain all relevant communications.</p>
<p><b>Complaints</b></p>	<p>If you object to the way that Monmouthshire County Council is handling your data, you have the right to complain. Please follow this link for further information on the complaints process.</p> <p>If you remain unhappy you also have a right to complain to the Information Commissioner's Office <a href="http://www.ico.org.uk">www.ico.org.uk</a></p>

**END**

**APPENDIX 1**

List of related policies:

- Agile Working Policy
- Policy for Code of Conduct
- Digital Communications and Social Media Policy
- LA Retention Schedule
- MCC Information Security Policy
- MCC Non-Disclosure Agreement
- MCC Password Guide
- MCC Remote Access Policy
- Non-Disclosure Agreement for Volunteers/Contractors
- Standard terms and conditions for provision of services
- Terms and conditions for the supply of goods
- Volunteering Policy



<b>SUBJECT:</b>	<b>Rural Programmes Team – ICT and Finance Apprentice Post</b>
<b>MEETING:</b>	<b>INDIVIDUAL MEMBER DECISION</b>
<b>DATE:</b>	<b>9<sup>th</sup> May 2018</b>
<b>WARDS:</b>	<b>ALL</b>

**1. PURPOSE:**

- 1.1** To request approval for the creation of an ICT and Financial Support Apprentice post to support the administration and financial monitoring activities of the Rural Programmes Team's LEADER project.

**2. RECOMMENDATIONS:**

- 2.1** To approve the creation of an ICT and Financial Support Apprentice post

**3. KEY ISSUES:**

- 3.1** With a notional team of 6, delivering the RDP programme is proving difficult due to maternity, long term illness and a partial secondment to the Agri-Urban project.
- 3.2** Apart from the Rural Programmes Manager there is little skills concerning ICT, an area that needs support to deliver projects against the LEADER 'digital exploitation' theme.
- 3.3** The support for the Rural Programmes Finance Officer with the individual project claims requirements.

**4. OPTIONS APPRAISAL**

- 4.1** The LEADER budget, being a fixed grant from Welsh Government under the Rural Development Programme 2014-2020 has no flexibility to employ full time staff on the current officer grades.
- 4.2** Both long term sickness and maternity pay arrangements are supported from the LEADER budgets. This leaves no other appropriate option to ensure the programme is successfully delivered.

**5. EVALUATION CRITERIA**

- 5.1** A mid-term evaluation will take place in December 2019, with a final evaluation in July 2021. This evaluation will seek to show how successful the decision to offer this opportunity of an apprenticeship. The Rural programmes Finance Officer will prepare both evaluations in line with accepted Rural Programme practices

**6. REASONS:**

- 6.1** The Rural Programmes team has had no involvement with the apprenticeship scheme to date. It has been discussed at team level, and our ability to provide such an apprentice with NVQ qualifications in both ICT and finance, would be a great benefit for the appointed person. The benefits for the Rural Development Programme delivery would have equal merit, and add resilience to the current team.

**7. RESOURCE IMPLICATIONS:**

- 7.1** The post will be paid on National Apprentice Wage and will be fully funded through the existing Implementation Budget of the Rural Development Programme. The post will be temporary until July 31<sup>st</sup> 2021.
- 8. WELLBEING OF FUTURE GENERATIONS IMPLICATIONS (INCORPORATING EQUALITIES, SUSTAINABILITY, SAFEGUARDING AND CORPORATE PARENTING)::**
- 8.1** The LEADER programme fully supports the sustainable development of the apprentice, as it does with the sustainable development of all its supported projects. There are no equality implications as the candidate will be chosen on individual merit to fulfill the post
- 8.2** The Rural Programmes Finance Officer, based principally in County Hall Usk will take the responsibility for supplying mentoring support to the apprentice under guidance from the Rural Programmes Manager.
- 9. CONSULTEES:**  
Rural Programmes Team  
Senior Leadership Team  
Vale of Usk Local Action Group
- 10. BACKGROUND PAPERS:**  
Future Generations Evaluation (Appendix 1)  
ICT and Finance Apprentice job description (Appendix 2)
- 11. AUTHOR:**  
Michael Powell
- 12. CONTACT DETAILS:**  
Tel: 01633 644870  
E-mail: [michaelpowell@monmouthshire.gov.uk](mailto:michaelpowell@monmouthshire.gov.uk)

**Evaluation Criteria – Cabinet, Individual Cabinet Member Decisions & Council (Appendix B)**

<b>Title of Report:</b>	<b>Rural Programmes Team – ICT and Finance Apprentice Post</b>
<b>Date decision was made:</b>	<b>9<sup>th</sup> May 2018</b>
<b>Report Author:</b>	<b>Michael Powell</b>

**What will happen as a result of this decision being approved by Cabinet or Council?**

What is the desired outcome of the decision?  
 What effect will the decision have on the public/officers?

An apprenticeship will be offered to the successful applicant for a three year period. The Job description and person specification may require some minor changes.

**What benchmarks and/or criteria will you use to determine whether the decision has been successfully implemented?**

Think about what you will use to assess whether the decision has had a positive or negative effect:  
 Has there been an increase/decrease in the number of users  
 Has the level of service to the customer changed and how will you know  
 If the decision is to restructure departments, has there been any effect on the team (e.g. increase in sick leave)

A mid-term evaluation will take place December 2019, with an end of post evaluation taking place July 31<sup>st</sup> 2021.

**What is the estimate cost of implementing this decision or, if the decision is designed to save money, what is the proposed saving that the decision will achieve?**

Give an overview of the planned costs associated with the project, which should already be included in the report, so that once the evaluation is completed there is a quick overview of whether it was delivered on budget or if the desired level of savings was achieved.

The costs will be borne from the LEADER Implementation budget, funded externally through the Rural Development Programme 2014 – 2021. The first year the net wage (with no on-costs) will be set at £5.00/hour, with an increase in year 2 to £7.30/hour.

Any other comments



## Future Generations Evaluation (includes Equalities and Sustainability Impact Assessments)

<p><b>Name of the Officer:</b> Michael Powell  <b>Phone no:</b> 01633 644870  <b>E-mail:</b> michaelpowell@monmouthshire.gov.uk</p>	<p><b>Please give a brief description of the aims of the proposal</b></p> <p>To aid in the delivery of the Rural Development Programme LEADER measure, and to allow a person the opportunity to move into full time employment through the apprenticeship scheme.</p>
<p><b>Name of Service:</b> Rural Development Programme, Enterprise and Community Development.</p>	<p><b>Date: Future Generations Evaluation</b> 23<sup>rd</sup> April 2018</p>

**NB. Key strategies and documents that may help you identify your contribution to the wellbeing goals and sustainable development principles include: Single Integrated Plan, Continuance Agreement, Improvement Plan, Local Development Plan, People Strategy, Asset Management Plan, Green Infrastructure SPG, Welsh Language Standards, etc.**

**Does your proposal deliver any of the well-being goals below?** Please explain the impact (positive and negative) you expect, together with suggestions of how to mitigate negative impacts or better contribute to the goal.





Well Being Goal	Does the proposal contribute to this goal? Describe the positive and negative impacts.	What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?
<p><b>A prosperous Wales</b> Efficient use of resources, skilled, educated people, generates wealth, provides jobs</p>	<p>The post of an ICT and finance apprenticeship will help with the provision of a future skilled job and the opportunity to generate wealth in the region.</p> <p>Both areas of finance and ICT offer opportunities in higher paid jobs.</p>	<p>Continual monitoring of progress will be undertaken.</p> <p>Continual mentoring to ensure quality learning is undertaken leading to formal NVQs.</p>


<b>Well Being Goal</b>	<b>Does the proposal contribute to this goal? Describe the positive and negative impacts.</b>	<b>What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?</b>
<b>A resilient Wales</b> Maintain and enhance biodiversity and ecosystems that support resilience and can adapt to change (e.g. climate change)	Being part of a team that delivers projects that help with biodiversity and ecosystems, will have a positive impact on the persons understanding of resilience	Sharing experiences with both the “BEES” cross local authority cooperation, and the “Nature Isn’t Neat” pollinator projects.
<b>A healthier Wales</b> People’s physical and mental wellbeing is maximized and health impacts are understood	The Local Action Group is supporting projects that contribute to healthier living with both food and Independent Living.	All projects supported through the LEADER short supply chains theme considers the impacts on healthy living.
<b>A Wales of cohesive communities</b> Communities are attractive, viable, safe and well connected	The LEADER programme is based on the Community Led Local Development principles. All activities are targeted to safe and well connected communities	Projects are regularly approved for support that directly affects the cohesiveness of communities. All approvals are made with this consideration as having high importance.
<b>A globally responsible Wales</b> Taking account of impact on global well-being when considering local social, economic and environmental wellbeing	It will incorporate ESDGC (Education, Sustainable Development and Global Citizenship) elements to enable people to become globally responsible citizens.	Working closely with our Local Authority partners and Job Centre Plus we will share resources and good practices to ensure people have the best opportunities to engage in global well –being and how this impact’s on their community.
<b>A Wales of vibrant culture and thriving Welsh language</b> Culture, heritage and Welsh language are promoted and protected. People are encouraged to do sport, art and recreation	A main theme of the LEADER programme is to support the cultural and natural assets of the country. This has a positive impact on tourism, recreation and sport.	Encouraging people to embrace the vibrant welsh culture and language.

<b>Well Being Goal</b>	<b>Does the proposal contribute to this goal? Describe the positive and negative impacts.</b>	<b>What actions have been/will be taken to mitigate any negative impacts or better contribute to positive impacts?</b>
<p><b>A more equal Wales</b>            People can fulfil their potential no matter what their background or circumstances</p>	<p>All projects developed engage and provide support for those individuals regardless of ethnic origin, gender, disability sexual orientation or religion to ensure all people actively participate in and benefit from the programme</p>	<p>All of our policies and procedures are guided by the current local and national equal opportunities guidance and legislation.</p>



## 2. How has your proposal embedded and prioritised the sustainable governance principles in its development?

Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
 <p>Long Term</p> <p>Balancing short term need with long term and planning for the future</p>	<p>The employment of an apprentice balances our short term requirements of programme support, and the long term benefits to the apprentice themselves.</p>	<p>This is a financial investment for 3 years from 1<sup>st</sup> July 2018 to 31<sup>st</sup> July 2021, in the form of the LEADER grant from Welsh Government. No additional funding is required from the local authority.</p>
 <p>Collaboration</p> <p>Working together with other partners to deliver objectives</p>	<p>The position will require working with project sponsors such as GAVO, Monmouthshire County Council, Transition Towns, Tourism Associations and other volunteer groups such as the Vale of Usk Local Action Group</p>	
 <p>Involvement</p> <p>Involving those with an interest and seeking their views</p>	<p>This position will require working with state of the art ICT system providers that will educate and position the council with its ICT future needs.</p>	<p>The involvement with SME stakeholders in the ICT field will be fundamental to the development of the apprentice.</p>
 <p>Prevention</p> <p>Putting resources into preventing problems occurring or getting worse</p>	<p>The position will support the financial claims processes with WEFO, providing resilience into our team.</p>	<p>The continual monitoring of the post will enable all aspects of the apprentice's development to be steered and enhanced.</p>

Sustainable Development Principle	Does your proposal demonstrate you have met this principle? If yes, describe how. If not explain why.	Are there any additional actions to be taken to mitigate any negative impacts or better contribute to positive impacts?
 <p>Considering impact on all wellbeing goals together and on other bodies</p>	<p>The LEADER programme embraces the Wellbeing of Future Generations Act as its fundamental goal. The programme and the specific position will work closely with the goals and aspirations of the Act.</p>	

**3. Are your proposals going to affect any people or groups of people with protected characteristics?** Please explain the impact, the evidence you have used and any action you are taking below. For more detailed information on the protected characteristics, the Equality Act 2010 and the Welsh Language Standards that apply to Monmouthshire Council please follow this link: <http://hub/corporatedocs/Equalities/Forms/AllItems.aspx> or contact Alan Burkitt on 01633 644010 or [alanburkitt@monmouthshire.gov.uk](mailto:alanburkitt@monmouthshire.gov.uk)

Page 370

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Age	We aim to offer the apprenticeship to people 19+ who have success with A levels, and who wish to embark on an academic career.	None identified	N/A
Disability	Disability will not be a factor in the selection of the apprentice.	None identified	N/A
Gender reassignment	Gender reassignment is not a factor in the selection of the apprentice.	None identified	N/A

Protected Characteristics	Describe any positive impacts your proposal has on the protected characteristic	Describe any negative impacts your proposal has on the protected characteristic	What has been/will be done to mitigate any negative impacts or better contribute to positive impacts?
Marriage or civil partnership	Not applicable	None identified	N/A
Pregnancy or maternity	Risk assessment will be in place for pregnant women ensures all health and safety measures have been addressed and the well-being of the young person is paramount.	None identified	N/A
Race	People interviewed for the post will be given the same opportunities regardless of race. The relevant support will be provided to meet individual needs	None identified	N/A
Religion or Belief	People interviewed for the post will be given the same opportunities regardless of religion or belief	None identified	N/A
Sex	We aim to offer opportunities that will take into account individual needs regardless of sex.	None identified	N/A
Sexual Orientation	We aim to offer opportunities that will take into account individual needs regardless of sexual orientation.	None identified	N/A
Welsh Language	We will adhere to the Welsh Government Welsh Language Policy. We will aim to provide bilingual learning opportunities if there is a need.	None identified	N/A

4. Council has agreed the need to consider the impact its decisions has on important responsibilities of Corporate Parenting and safeguarding. Are your proposals going to affect either of these responsibilities? For more information please see the guidance <http://hub/corporatedocs/Democratic%20Services/Safeguarding%20Guidance.docx> and for more on Monmouthshire's Corporate Parenting Strategy see <http://hub/corporatedocs/SitePages/Corporate%20Parenting%20Strategy.aspx>

	<b>Describe any positive impacts your proposal has on safeguarding and corporate parenting</b>	<b>Describe any negative impacts your proposal has on safeguarding and corporate parenting</b>	<b>What will you do/ have you done to mitigate any negative impacts or better contribute to positive impacts?</b>
Safeguarding	The safeguarding of vulnerable people will be considered by way of training at the basic level. The safeguarding of the apprentice will be considered with every engagement with external stakeholders.	None identified	N/A
Corporate Parenting	N/A	None identified	N/A

Page 372

**What evidence and data has informed the development of your proposal?**

- Wellbeing of Future Generations Act
- Cross Cutting themes of the Rural Development Programme
- Prosperity for All

6. **SUMMARY:** As a result of completing this form, what are the main positive and negative impacts of your proposal, how have they informed/changed the development of the proposal so far and what will you be doing in future?

The offer of an apprenticeship is considered a positive statement for vocational progress in an individual. There are few opportunities that can provide sound qualifications while learning in practical terms. It is important that the training is balanced with the requirements of the service delivery requirements of the Rural Programmes Team

**7. ACTIONS: As a result of completing this form are there any further actions you will be undertaking? Please detail them below, if applicable.**

What are you going to do	When are you going to do it?	Who is responsible	Progress
Individual Member Decision	9 <sup>th</sup> May 2018	Michael Powell	
Advertise the post	1 <sup>st</sup> June 2018	Michael Powell/Alison Grimson	

**8. MONITORING: The impacts of this proposal will need to be monitored and reviewed. Please specify the date at which you will evaluate the impact, and where you will report the results of the review.**

The impacts of this proposal will be evaluated on:	July 2021
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**VERSION CONTROL: The Future Generations Evaluation should be used at the earliest stages of decision making, and then honed and refined throughout the decision making process. It is important to keep a record of this process so that we can demonstrate how we have considered and built in sustainable development wherever possible.**

Version No.	Decision making stage	Date considered	Brief description of any amendments made following consideration
1	Individual Members Decision	9 <sup>th</sup> May 2018	



**ROLE ADVERT****ROLE TITLE: ICT and Financial Support (Rural Development Programme)****POST ID: TBA****GRADE: Apprenticeship****HOURS: 37 per week****LOCATION: Usk****PURPOSE OF POST:**

As part of the Rural Programme's team, you will contribute towards the delivery of Rural Development Programme LEADER project, funded by Europe, Welsh Government and Monmouthshire County Council. You will gain valuable experience by working both in a busy office environment, agile working from a home office and be supported in studying *initially* for the NVQ Level 3 in Finance with Torfaen Training.

Applicants should be able to demonstrate that they are not only conversant with basic computer packages, but show a flair for how the newest digital technologies such IoT can be used and developed in a rural county. The applicant should show an interest in corporate finance, and act in support of the RDP finance officer.

**Should you require any further information regarding this post, please contact:**

Michael Powell      Rural Programmes Manager  
Telephone:            01633 644870  
E-mail:                michaelpowell@monmouthshire.gov.uk

**Closing Date: 18<sup>th</sup> June 2018**

Please Note that we are not able to accept CV's

**Application forms can be completed online via:**

careerswales.com: Apprenticeship Matching Service

Monmouthshire County Council is an equal opportunities employer and welcomes applications from all sections of the community. All posts are open to job-share unless stated otherwise.

Monmouthshire County Council operates a Smoke Free Workplace policy.

## ROLE PROFILE

**ROLE TITLE: ICT and Financial Support (Rural Development Programme)**

**POST ID: TBA**

**GRADE: Apprenticeship**

**HOURS: 37 per week**

**LOCATION: Usk**

This may change in the future if the service location needs to relocate. Relocation or disturbance expenses will not be paid if this happens.

**RESPONSIBLE TO: Rural Programmes Manager**

**DEPARTMENT: Rural Development Programme**

**This is a fixed term funded post and funded by the Rural Development Programme 2014-2020.**

### **Our Purpose:-**

To deliver the LEADER measure of the Rural Development Programme 2014-2020. The area covered is all of Monmouthshire and the rural wards and service centres of Newport.

### **The Purpose of this Role:-**

To contribute directly to the delivery of the programme from both financial and ICT perspectives. You will gain formal qualifications in Finance and ICT

### **Expectation and Outcomes of this Role:-**



You will work with the Rural Programmes Finance Officer as your mentor. You will be expected to provide support for the finance claims processes as well as the exploitation of ICT within the LEADER “digital exploitation” theme.

You will receive a training plan along with the opportunity to develop your finance and ICT skills as you work towards NVQ3 in these two subjects.

Applicants should be able to demonstrate that they are conversant with higher level computer packages as well as the general Microsoft Packages and that they are able to communicate effectively with others.

### **Your responsibilities are to:-**

Work alongside the Rural Programme Finance Officer to provide support to the team as required, including:

1. Work with the project coordinators in preparing and collating all financial claims and outcomes delivered by individual projects.
2. Work with the Rural Programmes Manager to develop digital projects that will benefit communities and businesses in the region.
3. Supporting the preparation of reports, presentations and developing filing systems such as OneNote for the LEADER programme.
4. Supporting the organisation of meetings as necessary including booking rooms, arranging attendance and circulating paperwork in good time.
5. Assisting in taking and distributing minutes of meetings ensuring actions, recommendations and discussions are recorded.
6. Undertaking support for the Rural Programmes Finance Officer.
7. Demonstrate a commitment to team working.
8. Be flexible in approach, delivery and working hours.
9. Embrace and be prepared to work at home as well as in the office on an ‘Agile Working’ basis.
10. Maintain safe working practices for self and others, in accordance with the authority’s policy statement on Health and Safety at Work.

11. To abide by the principles and practice of equality of opportunity as laid down in the Council's Equal Opportunities Policy.

**Here's what we can provide you with:-**

You will be provided with structured support and training to help you to develop your skills in Finance and ICT whilst working towards NVQ level 3 or higher.

**What else you need to know.....Monmouthshire Values are:**

- Openness: We aspire to be open and honest to develop trusting relationships.
- Fairness: We aspire to provide fair choice, opportunities and experiences and become an organisation built on mutual respect.
- Flexibility: We aspire to be flexible in our thinking and action to become an effective and efficient organisation.
- Teamwork: We aspire to work together to share our successes and failures by building on our strengths and supporting one another to achieve our goals.

And this role, will work with Monmouthshire to achieve these.

**In addition:**

All employees are responsible for ensuring that they act at all times in a way that is consistent with Monmouthshire's Equal Opportunities Policy in their own area of responsibility and in their general conduct.

The authority operates a Smoke Free Workplace Policy which all employees are required to abide to.

### Person Specification

How will we know if you are the right person for the role? As the successful candidate you will have demonstrated:-

<b>REQUIREMENTS</b>	<b>WEIGHTING</b> High, Medium, Low
<b>Education / Qualifications / Knowledge</b>	
4 GCSE grades A-C or equivalent – including English Language and Mathematics 2 GCSE A level qualifications with one in ICT	High
<b>Experience</b>	
Experience of working as part of a team/individually	Medium
Experience of completing tasks within deadlines	Medium
<b>Communication / Interpersonal Skills</b>	
Good written and oral communication skills	Medium
Good interpersonal skills and the ability to work well in a team	Medium
<b>Aptitude and Skills</b>	



Computer literate with a high level of understanding of the future of ICT in society	High
Good organisational skills	Medium
Good telephone manner	Medium
Ability to learn: positive, enthusiastic and flexible	High
<b>Equal Opportunities</b>	
Willing to abide by the Council's Equal Opportunities Policy, including undertaking appropriate equality awareness training.	High