

Appendix 1 – Draft capital bids proposed for funding in 2022/23

| Ref | Scheme | Summary | Investment Criteria (see appx 4) | 2022/23 £'000 | 2023/24 £'000 | 2024/25 £'000 | 2025/26 £'000 | Total £'000 |
|-----|--|--|----------------------------------|------------------|------------------|------------------|------------------|----------------|
| S1 | Wye Bridge Chepstow | <p>Works into refining the assessment and investigation of potential load mitigation measures are currently underway. This will primarily involve material testing and the design of suitable traffic management measures which will involve limiting the amount of vehicles allowed on the bridge at any one time and reducing the weight limit from 7.5t to 3.0t.</p> <p>It is expected that additional Capital funds will be required in the 2022-23 financial year to implement the traffic management measures and undertake necessary crack repairs. It is also proposed to install permanent strain gauges and monitoring stations as part of the ongoing management of the structure.</p> | H&S, Legal, S2S, AMP, INF | 188 | 375 | | | 563 |
| S2 | Wye bridge Monmouth & Flood Arches Remedial Works | <p>Long standing issues concerning the bridge abutments and scour action from the river flows. The adjacent flood relief structure also has a long standing issue where the downstream parapet has a noticeable lean over the majority of its length and the main arch ring is showing signs of separation.</p> <p>Recent flood events have escalated the need for the investigations in 22/23 and remedial works in 23/24 (the cost for which is estimated and will be fully informed by the findings of the investigations). Repairs to the flood arches are need to coincide with development of the Wye Active Travel bridge and associated connecting paths which is projected for construction in 23/24.</p> | H&S, Legal, S2S, AMP, INF | 150 | 2,170 | | | 2,320 |

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|-----|---------------------------------|---|----------------------------------|------------------|------------------|------------------|------------------|----------------|
| S3 | Tintern Wireworks bridge | <p>The structure was assessed for pedestrian loading as per the requirement to the code of practice and 3T vehicular loading due its current access arrangement with the residence on the Gloucestershire side. The main girders were found to be working with inadequate safety factors under the pedestrian and 3T vehicular loading.</p> <p>After securing funding GCC commissioned Atkins to develop a refurbishment scheme which includes repairs to the piers, strengthening, deck replacement and vehicle containment and the associated assessment work to fully understand the manner in which some of these works can be undertaken. These works are now currently proposed to commence onsite in April/May 2022. As a jointly owned structure additional Capital monies are required as MCC's 50% contribution to the repairs.</p> | H&S, Legal, S2S, AMP, INF | 800 | | | | 800 |
| S4 | ICT Desktop replacement | <p>SRS have produced an asset replacement plan to identify IT equipment that will need replacing over the next 4 years.</p> <p>Desktop estate - planning is currently done on an estate of 1601 devices being used and is a number driven directly by MCC requirements. We typically advise partners to refresh their laptop / desktop estate every four years. When year five arrives, the devices really start to struggle and performance is hampered as we are starting to see now. Partners may choose a longer period of time to sweat these assets over which is not an issue, it is important to recognise we will continue to support them in year five but performance issues can be expected. Cost reflects replacement of 400 devices pa.</p> | Legal, AMP, INF | 260 | 260 | 260 | 260 | 1,040 |

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|-----|---|---|----------------------------------|------------------|------------------|------------------|------------------|----------------|
| S4 | Network Estate replacement | <p>PSBA capital work required as part of the data centre move requested by the Strategic Board at the January 2020 Board meeting. For MCC this is in relation to the PSBA configuration required in the new data centre location.</p> <p>Edge switch networking - MCC have 99 network edge switches and approx. 292 wireless access points across their corporate infrastructure. The end of life points of these switches, as set by the support available from Cisco for updates and patches has passed several years ago but there are still switches with an EOL at November 2021.</p> <p>The recommendation from the SRS (through working with the Estates team) is to replace key building infrastructure in 2021-22 financial year which equates to 47 edge switches and 155 Wireless Access Points. The cost of this is currently estimated at £183K in 21-22 and £116k in 22-23. Cisco pricing and delivery is incredibly volatile at the moment due to global supply chain issues and dollar rate fluctuations.</p> | Legal, AMP, INF | 116 | 50 | 50 | 50 | 266 |
| S4 | SRS capital reserve contribution | <p>Cabinet report 07/10/2020 (SRS data hall move) - Identified that the capital equipment required has an expected life of between five and ten years, and it would be prudent for partners to build up a capital reserve to fund the future replacement to mitigate substantial Capital outlay. To cover the next 15 years of refresh the partners would need to allocate £397,000 to the capital reserve.</p> <p>The authority's share of this would be £61,000 per annum. It is proposed that this is incorporated into base capital MTFP such that adequate budget provision can be set aside for capital refresh of equipment and to avoid significant one-off pressures occurring at the end of equipment life cycle.</p> | Legal, AMP, INF | 61 | 61 | 61 | 61 | 244 |

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|-----|---|---|----------------------------------|------------------|------------------|------------------|------------------|----------------|
| S4 | Ransomware & security software | Additional budget to pay for cybercrime software that has been identified as being essential to continuing system security as per Cabinet report 6th November 2021 :- Ransomware £18k SIEM/SOC software £24k | Legal, AMP, INF | 42 | 42 | 42 | 42 | 168 |
| S5 | CCTV buses | Passenger Transport runs a fleet of minibuses and 10 coaches to deliver home to school transport, community transport and scheduled bus services. A small number of these vehicles have CCTV fitted within the vehicle which has enabled the service to use the recordings to review incidents following complaints or damage. The recordings can provide an objective account of what transpired and provide safeguarding for PTU staff and passengers. It is proposed that CCTV cameras are fitted in all PTU vehicles and the resulting data will be used to support investigations including accidents, complaints, and damage. Should the bid be successful tenders will be sought for a cloud based solution which will enable the footage to be instantly accessible if required. | H&S, S2S | 200 | | | | 200 |
| S6 | Additional highways refurbishment | £500k capital investment per annum for four years to enable a number of small highway refurbishment schemes to be prioritised before the extent of repairs (and cost) increases. These small projects exceed emergency pothole filling repairs but are unlikely to reach to top of the resurfacing programme for many years. This fund will enable these locally problematic complaints to be addressed. | H&S, Legal, S2S, AMP, INF | 500 | 500 | 500 | 500 | 2,000 |

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|-----|------------------------------------|--|----------------------------------|------------------|------------------|------------------|------------------|----------------|
| S7 | Ash dieback/Dangerous trees | <p>Ash dieback is prevalent across Monmouthshire and is of particular concern along the highway network and green open spaces. Ash is self-seeding and widespread in the county. It is important that the effects of ash dieback are planned for and managed, especially in safety-critical locations. The majority are located along the priority routes and will impact highway network infrastructure should they fail.</p> <p>As well as ash dieback MCC have a large amount of Victorian parks and street trees require identification, logging and may need additional maintenance.</p> <p>Long term management of established trees and woodland will have more positive impact on climate change and nature emergency than newly planted whips. The whips may take many years to establish before they provide the same levels of benefit of these mature trees.</p> | H&S, Legal | 400 | 300 | 200 | 100 | 1,000 |
| | Total | | | 2,717 | 3,758 | 1,113 | 1,013 | 8,601 |

Appendix 2 – Backlog capital pressures presenting in the medium term

| Ref | Capital Pressure | Forecast Pressure | Investment criteria (see appx 4) | Responsible Officer |
|-----|---|-------------------|----------------------------------|---------------------------|
| P1 | Property Maintenance requirements for both schools & non-schools as valued by condition surveys carried out some years ago. The existing £2m annual budget mainly targets urgent maintenance e.g. health & safety, maintaining buildings wind & watertight, etc., and is insufficient to address the maintenance backlog. A lack of funding means maintenance costs will rise; that our ability to sell buildings at maximum market rates will be affected ; Our ability to deliver effective services will be affected and a Loss of revenue and poor public image. | 22,000,000 | H&S, Legal, AMP | Deb Hill Howells |
| P2 | Disabled adaptation works to public buildings required under disability discrimination legislation. | 5,000,000 | Legal | Deb Hill Howells |
| P3 | School Traffic Management Improvements - based on works carried out on similar buildings. | 450,000 | H&S | Deb Hill Howells |
| P4 | School fencing improvements | 450,000 | H&S | Deb Hill Howells |
| P5 | Modification works to school kitchens to comply with Environmental Health Standards. Without additional funding school kitchens may have to be closed and additional costs for transporting meals in incurred, possibly causing disruption to the education process. | 150,000 | H&S | Deb Hill Howells |
| P6 | Bringing County highways to the level of a safe road network. This backlog calculation figure has been provided by Welsh Government The reduction and shortfall in revenue budgets over recent years for maintaining our highways and associated infrastructure has resulted in a concerning backlog and the need for a major injection of funding to address the situation. In order to halt the deterioration of MCC roads and footways, a minimum annual investment of £2.5M for each year over the next 3 years will be required. This is in addition to any specific grant funding from Welsh Government, which if awarded will be for the purpose of reducing the backlog and improving the overall condition of the highway network. | 80,000,000 | H&S, Legal, INF | Mark Hand/ Paul Keeble |
| P7 | Transportation/safety strategy –Air Quality Management, 20 m.p.h legislation and DDA (car parks) | 1,200,000 | Legal | Mark Hand/ Paul Keeble |

| Ref | Capital Pressure | Forecast Pressure | Investment criteria (see appx 4) | Responsible Officer |
|-----|--|-------------------|----------------------------------|---------------------------|
| P8 | <p>Investing in infrastructure projects needed to arrest road closures due to whole or partial bank slips (Grant risk) - The following schemes have formed grant bids and if unsuccessful will present a pressure on the Authority.</p> <p>A4136 Staunton Road Stabilisation, Treehouse Redbrook Stabilisation, R35 Undy Flood Recovery, Old Mill Lane Llanvair Discoed, Pandy Mill Shirenewton Retaining Wall, A472 Usk Flood Wall Strengthening, Cymyoy Embankment, St Brides Brook,</p> | 3,150,000 | H&S, INF | Mark Hand/ Paul Keeble |
| P9 | <p>Redbrook Road Rail structure remedial maintenance forecast to be due in 2024/25. Costs shared 50/50 with Gloucester.</p> | 550,000 | H&S, INF | Mark Hand/ Paul Keeble |
| P10 | <p>A4077 Gilwern Viaduct substandard structure. £2m to repair, £8m to replace - Timing depends on inspection results, however currently expected to present a pressure in 2023/24.</p> | 2,000,000 | H&S, INF | Mark Hand/ Paul Keeble |
| P11 | <p>Reprovision or repair of Chain Bridge - Cost prediction is indicative at present. Without remedial work, the structure will continue to deteriorate. The current 40T maximum limit will have to be further reduced restricting access to the Llanoyo area especially for heavy vehicles. Options evaluated from repairing sufficiently to maintain 40t limit, to converting to footbridge and reprovisioning. Pressure currently expected in 2023/24.</p> | 1,300,000 | H&S, INF | Mark Hand/ Paul Keeble |

| Ref | Capital Pressure | Forecast Pressure | Investment criteria (see appx 4) | Responsible Officer |
|-----|--|-------------------|----------------------------------|---------------------------|
| P12 | Public Rights of Way to bring the network up to statutorily required, safe and more accessible standard and maintain this. Based on updating the assessment completed to inform the Rights of Way Improvement Plan, reflecting that the backlog of issues is growing. Includes signage, drainage and surfacing, stiles and gates and known bridge replacement need. This is as a provisional figure as surveys and assessments of bridges and structures are on-going. It excludes larger structures requiring bespoke solution and specific rights of way structural issues, such as works required on both the Wye Valley and Usk Valley Walks (300k), and any flood damage whose costs cannot be recovered from Welsh Government grant (70k+). [MonLife] | 6,000,000 | H&S, Legal, Corp, INF | Matthew Lewis |
| P13 | Countryside access sites – to maintain countryside visitor and heritage sites to a safe standard includes stonework on scheduled ancient monuments, access works, river protection works, and repairs to car parks. Excludes Clydach Ironworks SAM restoration costs and further pressures as a result of the spread of ash dieback. [MonLife] | 500,000 | H&S, Legal, Corp, INF, Third | Matthew Lewis |
| P14 | Clydach Ironworks – to comprehensively restore the Scheduled Ancient Monument from its “at risk” status and provide visitor access – further external grant being sought | 2,500,000 | H&S, Legal, Corp, INF, Third | Matthew Lewis |
| P15 | Highways refurbishment and repairs (Grant risk) - to offset the end of the WG grant and to fund small schemes. Should the WG grant continue, this pressure can be reduced accordingly. 20/21 was the last confirmed year of the WG highways refurbishment grant amounting to £630k/yr, although it was paid in 21/22. There is no certainty that the grant will continue. Without this funding our progress on the evidence based programme will be limited, with the spend reduced from £1.93m to £1.3m. | 630,000 pa | H&S, INF | Mark Hand/ Paul Keeble |
| P16 | Church Road resurfacing (Grant risk) - Only required if grant funding is not secured for 2022/23 for Church Road phase 2. | 150,000 | INF | Mark Hand/ Paul Keeble |

Appendix 3 - MonLife Investment Considerations in the medium term

| Ref | Investment Consideration | Forecast Investment | Investment criteria (see appx 4) | Responsible Officer |
|-----|--|---------------------|----------------------------------|---------------------|
| I1 | Gilwern Site – redevelopment of site, major refurbishments (part of CRF bid) | 1,500,000 | Corp, | Ian Saunders |
| I2 | Monmouth Museum / Shire Hall / Museum Storage - Reconfiguration to create new cultural and heritage destination including redisplay of the Nelson collection and addressing museum collections storage; feasibility study completed part of Monmouth LUF bid and other grant funding being sought (heritage lottery / WG etc.) | 3,500,000 | Corp, Third, INF | Ian Saunders |
| I3 | Caldicot Leisure Centre Redevelopment (Feasibility and cost certainty completed). Part of LUF bid | 8,500,000 | Corp | Ian Saunders |
| I4 | Abergavenny Leisure Centre Phase 2 Redevelopment | 10,000,000 | Corp | Ian Saunders |

Appendix 4 – Approved Capital investment criteria

| Ref | Aspect | Indicative Rank |
|----------------|--|------------------------|
| H&S | Health & safety works (life & limb works) | 1 |
| Legal | Legal & regulatory obligations | 1 |
| Rev | Allow a balanced revenue budget to be set, or a net deficit in revenue spending to be positively addressed | 2 |
| Corp | Deliver corporate plan priorities | 2 |
| Third | Attract significant 3 rd party or private match funding to the County | 3 |
| S2S | Spend to save transformational works (including flexible use of capital receipts) | 3 |
| INC | Spend to earn net income – rents, interest and dividends | 3 |
| Sust | Create sustainable income streams – business rates and council tax | 3 |
| AMP | Asset management plan outcomes | 4 |
| INF | Addresses major infrastructure investment | 4 |