



WEST OXFORDSHIRE  
DISTRICT COUNCIL

# West Oxfordshire Infrastructure Delivery Plan (IDP)

November 2016 update

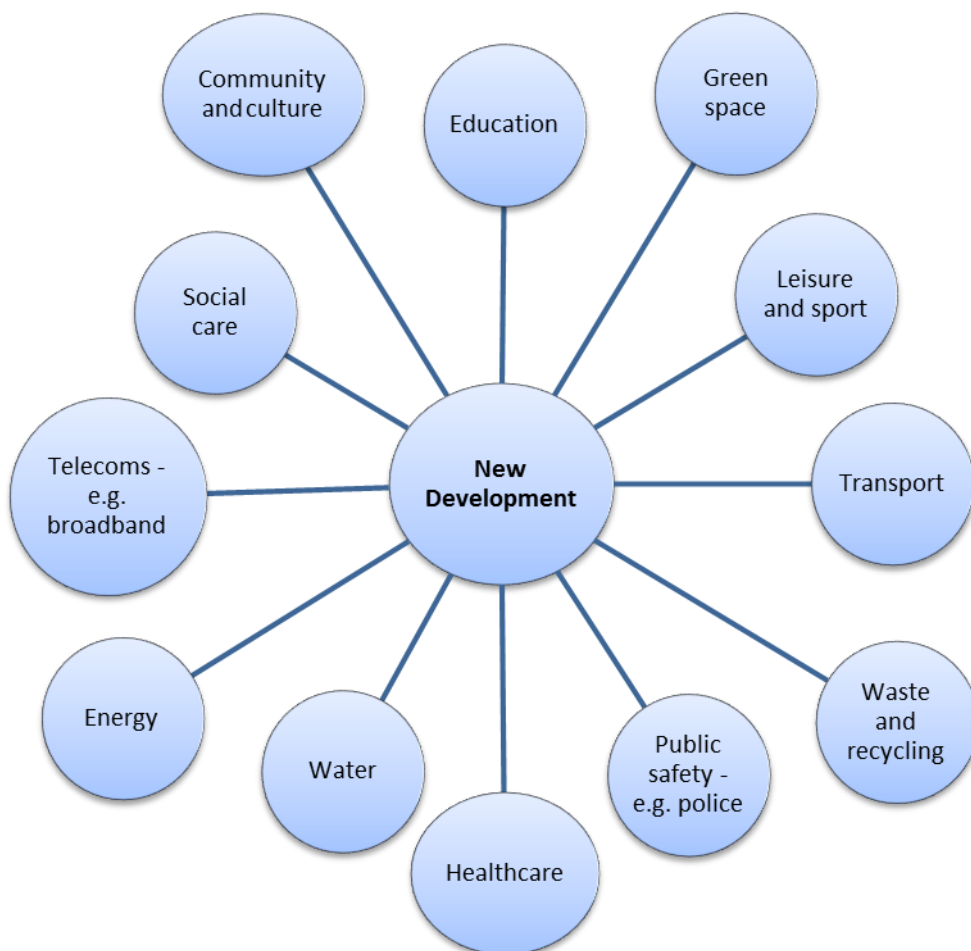
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# I INTRODUCTION

- 1.1 This Infrastructure Delivery Plan (IDP) has been prepared in support of the submission draft West Oxfordshire Local Plan and seeks to identify the infrastructure that is needed to support future growth in the District to 2031. It takes account of proposed Main Modifications to the Local Plan which are the subject of consultation from 11 November until 23 December 2016 and therefore supersedes the previous draft IDP which was published in July 2015.
- 1.2 By 'infrastructure' we mean essential services and facilities such as schools, roads, water, gas and electricity and open space.

## Typical Infrastructure Types



- I.3 New development often puts existing infrastructure under pressure, creating a need for new or improved facilities to be provided. A good example would be a new housing development proposed where the nearest school is already full. In this case, either an existing nearby school would need to be expanded or if the development was large enough, a new school might need to be provided.
- I.4 The main purpose of the IDP is to identify the infrastructure needed to support future growth planned in West Oxfordshire. The draft Local Plan which was submitted to Government in July 2015 had an overall housing target of 10,500 homes in the period 2011 – 2031 (525 per year) along with 60 hectares of land for business. The Local Plan examination was held in November 2015 but the Inspector determined that the proposed housing requirement was not justified and suspended the examination to allow the Council to undertake further work including the identification of additional sites.
- I.5 The proposed changes to the Local Plan include an increase from 10,500 to 15,950 homes along with the potential for up to 89 hectares of land for business (including a 40 hectare science park north of the A40 near Eynsham which will also meet needs beyond 2031). The majority of the planned housing provision (13,200 homes) is to meet West Oxfordshire's housing needs but a proportion (2,750 homes) are proposed to assist neighbouring Oxford City under the duty to co-operate.

Why prepare the IDP?

- I.6 The importance of robust infrastructure planning is emphasised in the National Planning Policy Framework (NPPF)<sup>1</sup> which states that:

Local planning authorities should work with other authorities and providers to:

- assess the quality and capacity of infrastructure for transport, water supply, wastewater and its treatment, energy (including heat), telecommunications, utilities, waste, health, social care, education, flood risk and coastal change management, and its ability to meet forecast demands; and
- take account of the need for strategic infrastructure including nationally significant infrastructure within their areas.

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<sup>1</sup> National Planning Policy Framework (March 2012)

- 1.7 The NPPF emphasises the importance of identifying and co-ordinating development requirements, including the provision of infrastructure. Planned infrastructure should be delivered in a timely fashion and local authorities should work with neighbouring authorities and transport providers to develop strategies for the provision of viable infrastructure necessary to support sustainable development.
- 1.8 The Government’s planning practice guidance<sup>2</sup> states that as part of the Local Plan process, local authorities should identify what infrastructure is required and how it can be funded and brought on stream at the appropriate time whilst ensuring that the requirements of the plan as a whole will not prejudice the viability of development.
- 1.9 The Local Plan should make it clear for at least the first 5-years, what infrastructure is required, who is going to fund and provide it and how it relates to the anticipated rate and phasing of development. The detail concerning planned infrastructure provision can be set out in a supporting document such as an infrastructure delivery programme that can be updated regularly. However the key infrastructure requirements on which delivery of the plan depends should be contained in the Local Plan itself.
- 1.10 As well as meeting the requirements of the NPPF and NPPG, there are other sound reasons for preparing an infrastructure plan:
- It is a pro-active approach that identifies necessary infrastructure before development takes place, not ‘after the event’;
  - Identifies the cost of infrastructure needed, the availability of any existing funding and the extent of the ‘funding gap’ that needs to be met by new sources of revenue such as CIL<sup>3</sup>;
  - Provides developers and landowners with more certainty about the Council’s requirements;
  - Provides local communities with greater reassurance that new development will not have an unreasonable impact on services and facilities;
  - Facilitates infrastructure providers business and investment planning by providing certainty about the development that is expected to come forward and the infrastructure needed to support it; and
  - Helps to demonstrate the ‘deliverability’ of development proposals.

#### How has the IDP been prepared?

- 1.11 The IDP has been prepared by West Oxfordshire District Council through a process of on-going engagement and dialogue with key stakeholders including Oxfordshire County Council, Thames Water, various utility providers, NHS Oxfordshire and bus and rail providers.

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<sup>2</sup> Local Plans (March 2014) Paragraph 018

<sup>3</sup> Community Infrastructure Levy (CIL)

- I.12 The first draft West Oxfordshire IDP was published alongside the Draft Local Plan in November 2012. It built on previous discussions with infrastructure providers during the early development of the Local Plan and also reflected the Oxfordshire Local Investment Plan (LIP) March 2010 prepared by the Oxfordshire Spatial Planning and Infrastructure Partnership (SPIP), now the Oxfordshire Growth Board Executive.<sup>4</sup>
- I.13 The second draft IDP (June 2014 Update) was published in early August 2014 alongside the Local Plan Housing Consultation Paper (July 2014). This was updated to reflect the proposed increase in housing numbers at that time. The third IDP update was published alongside the Submission Local Plan in July 2015 and was based on an overall level of housing provision of 10,500 homes.
- I.14 This revised IDP update takes into account higher housing figures proposed in the Local Plan proposed Main Modifications (15,950 homes including 2,750 homes for Oxford City's unmet needs).

What status does the IDP have and how will it be used?

- I.15 The IDP forms part of the evidence base underpinning the Local Plan. Whilst it does not form part of the plan itself, it helps to identify the infrastructure that will be needed to support future growth.
- I.16 The IDP also forms part of the evidence base underpinning the introduction of the Community Infrastructure Levy (CIL) in West Oxfordshire. CIL is essentially a charge levied on new buildings and extensions according to their floor area. The money paid by the developer can then be spent on infrastructure.
- I.17 In December 2013, the Council published its CIL Preliminary Draft Charging Schedule (PDCS) for consultation. As part of the supporting evidence base, the Council published an infrastructure funding gap analysis.
- I.18 The findings demonstrated that the cost of infrastructure needed to support new growth exceeds any existing funding that may be available and that there is a 'funding gap' which CIL will help to meet. The updated schedule of future infrastructure requirements attached at Appendix I provides a further assessment of likely infrastructure costs and funding available and will be used to inform an updated funding gap analysis prepared in support of the Council's CIL Draft Charging Schedule (DCS).

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<sup>4</sup> A forum comprising representatives of the Oxfordshire local authorities and key partners. See <https://www.oxfordshire.gov.uk/cms/content/oxfordshire-growth-board>

### How is infrastructure funded and provided?

- I.19 Infrastructure can be funded and provided in a number of different ways including by central government, local government and the private and voluntary sectors.

#### **Central Government**

- I.20 Large-scale strategic infrastructure such as major transport, health care and defence projects are generally provided by central Government through one of its relevant departments or agencies, often in partnership with the private sector.
- I.21 Funding may also be made available through the Local Growth Fund for projects linked to the Strategic Economic Plan priorities which is administered by OxLEP (the Oxfordshire Local Enterprise Partnership).

#### **Local Government**

- I.22 Local authorities provide some forms of infrastructure such as leisure and arts facilities and waste management through their own capital investment programmes. Funding for this comes from various sources including central government grants and the capital receipts from the sale of assets as well as developer contributions. However, local authorities are facing a substantial decline in the amount of money available and are increasingly looking at alternatives sources of funding such as the 'New Homes' bonus.
- I.23 In addition, the 'Community Infrastructure Levy' or CIL is a levy that local authorities can charge on new developments in their area depending on the size and type of development. It is intended to operate alongside the existing system of planning obligations (Section 106 of the 1990 Act) which is being scaled back to deal primarily with affordable housing and site-specific matters. Money raised through CIL can be used to support development by funding infrastructure in the local area.
- I.24 The Council published its CIL Preliminary Draft Charging Schedule (PDCS) for consultation in December 2013 and its CIL Draft Charging Schedule (DCS) in March 2015. However, as the Local Plan examination was suspended until December 2016, the CIL examination has also been suspended until then.
- I.25 The schedule at Appendix I provides an indication of which items the Council expects to be funded by CIL and those that are more likely to be funded through a traditional legal agreement. This information has been used to inform the Council's draft CIL Regulation 123 list.

### **Private Sector**

- 1.26 In some instances the private sector has an obligation to provide new or enhanced infrastructure as part of their business plan. A good example is Thames Water which publishes a business plan setting out the investment they will make over a 5 year period such as improvements to their existing networks.
- 1.27 The private sector may also become involved in providing infrastructure through partnership working with the public sector and a range of partnership models have evolved in recent years.
- 1.28 The development industry often provides or contributes towards the provision of new infrastructure as a result of new development. Examples include new schools, roads and open spaces. As described above, historically this has been done through Section 106 legal agreements, however as more local authorities move towards CIL, the role of Section 106 agreements will be scaled back to focus on affordable housing and infrastructure which is directly related to development, such as junction improvements and on-site facilities including new schools.

### **Local Communities & the Voluntary Sector**

- 1.29 In some instances local communities fund and provide infrastructure such as improvements to local community halls or other community facilities including green spaces such as community woodlands. Traditionally funding has come from sources such as fundraising events and voluntary donations but notably the revised CIL regulations and the Localism Act allow for a proportion of CIL generated funds to be transferred to the local community in which a development takes place (15% increasing to 25% if the community has an adopted Neighbourhood Development Plan in place).

### Updating the IDP

- 1.30 The IDP is a 'living document' and will be regularly updated and monitored as more information becomes available and as new schemes are completed or new infrastructure requirements are identified.
- 1.31 Monitoring will normally be carried out annually and will include an update of the infrastructure delivered along with the infrastructure which remains outstanding, an assessment of the risk of infrastructure projects being undelivered and a record of CIL and S106 receipts.



## 2 WHAT DO WE MEAN BY INFRASTRUCTURE?

2.1 In this section we explain in more detail what we mean by the term 'infrastructure'.

### What is infrastructure?

2.2 'Infrastructure' is a generic term used to refer to the broad range of services and facilities needed to support society. It includes everything from health care to transport and from education to open space. For ease of reference, the IDP considers three main categories:

- Physical Infrastructure
- Social Infrastructure
- Green Infrastructure

These are broken down further in Table I overleaf.

2.3 It is inevitably the case that some infrastructure schemes are more critical than others. For example, if a new housing development could only go ahead when a new road junction is built, that junction is 'critical' because without it the housing cannot be built. Prioritising new infrastructure helps to ensure that any available funding is spent on the most important items first.

2.4 In light of this, the schedule of future infrastructure requirements at Appendix I includes a 'priority' categorisation for each infrastructure item.

2.5 The categories used are:

- **Critical** i.e. infrastructure without which development cannot commence (e.g. transport/utility infrastructure);
- **Necessary** i.e. infrastructure that is needed to support new development, but the precise timing and phasing of it is less critical and development can commence ahead of its provision (e.g. schools/primary health care);
- **Preferred** i.e. infrastructure needed to build sustainable communities, but the timing and phasing of which is not critical over the plan period (e.g. libraries, green infrastructure, youth provision).

## Infrastructure Types and Relevant Organisations

<b>A. Physical Infrastructure</b>		
Category	Sub-Category	Relevant Organisations
Transport	<ul style="list-style-type: none"> <li>• Highways</li> <li>• Bus services</li> <li>• Rail services</li> <li>• Community transport</li> <li>• Walking, cycling and riding opportunities</li> <li>• Parking</li> </ul>	Oxfordshire County Council Bus Operators Network Rail Rail Operators Community transport groups SUSTRANS West Oxfordshire District Council Community First Oxfordshire
Water	<ul style="list-style-type: none"> <li>• Water supply</li> <li>• Wastewater disposal and treatment</li> <li>• Surface water drainage, flood alleviation and defence</li> </ul>	Thames Water Environment Agency West Oxfordshire District Council Oxfordshire County Council (as lead flood authority)
Energy	<ul style="list-style-type: none"> <li>• Gas generation and distribution</li> <li>• Electricity generation and distribution</li> <li>• Biomass Processing</li> <li>• Decentralised, Renewable and Low Carbon Energy</li> </ul>	National Grid Scotia Gas Networks West and Wales Utilities Scottish and Southern Electricity Networks
Waste and Recycling	<ul style="list-style-type: none"> <li>• Collection &amp; management (including transfer)</li> <li>• Re-use, Recycling, Recovery and Disposal</li> </ul>	Oxfordshire County Council West Oxfordshire District Council Waste Management Industry
Minerals	<ul style="list-style-type: none"> <li>• Extraction (quarries)</li> <li>• Processing facilities</li> </ul>	Oxfordshire County Council Mineral Industry

Telecommunications	<ul style="list-style-type: none"> <li>• Broadband</li> <li>• Mobile phone infrastructure</li> </ul>	Oxfordshire County Council West Oxfordshire District Council Broadband Delivery UK
<b>B. Social Infrastructure</b>		
Category	Sub-Category	Relevant Organisations
Education	<ul style="list-style-type: none"> <li>• Nursery and pre-school</li> <li>• Primary</li> <li>• Secondary</li> <li>• Further &amp; higher education</li> <li>• Special schools</li> <li>• Adult Learning Centres</li> </ul>	Oxfordshire County Council Individual Providers
Leisure and sport	<ul style="list-style-type: none"> <li>• Sports centres</li> <li>• Swimming pools</li> <li>• Outdoor sports facilities (tennis courts, sports pitches, athletics tracks, artificial pitches, bowling greens, golf courses, school and other institutional playing fields and outdoor sports areas)</li> </ul>	West Oxfordshire District Council GLL Individual Providers
Health	<ul style="list-style-type: none"> <li>• Primary healthcare (i.e. first point of consultation e.g. GP services, health centres, dentists, ophthalmic services, pharmacy services and drug treatment centres)</li> <li>• Secondary care (i.e. services provided in or by general hospitals, acute care, outpatients clinics)</li> <li>• Tertiary healthcare (specialist hospitals e.g. mental health, children's hospital etc.)</li> <li>• Community healthcare (e.g. community hospitals)</li> </ul>	NHS Oxfordshire Oxford Health NHS Foundation Trust Oxfordshire Clinical Commissioning Group Oxfordshire County Council

Public Safety	<ul style="list-style-type: none"> <li>• Police</li> <li>• Fire and Rescue</li> <li>• Ambulance</li> <li>• Armed Forces</li> </ul>	<p>Thames Valley Police  Oxfordshire County Council Fire and Rescue Service  South Central Ambulance Service NHS Trust  Ministry of Defence  RAF Brize Norton</p>
Community and culture	<ul style="list-style-type: none"> <li>• Children's Centres</li> <li>• Early Intervention Hubs</li> <li>• Community Centres</li> <li>• Libraries</li> <li>• Museums</li> <li>• Theatres/arts centres</li> <li>• Community Art</li> </ul>	<p>Oxfordshire County Council  Community Groups  West Oxfordshire District Council  Town and Parish Councils  Local communities  Individual providers</p>
Social Care	<ul style="list-style-type: none"> <li>• Supported accommodation (care homes, nursing homes, sheltered housing, extra-care, other supported accommodation e.g. vulnerable adults, disabilities, mental health, hostels, children's homes)</li> <li>• Child and Adult Social Care/Services</li> <li>• Day Care Services</li> </ul>	<p>Oxfordshire County Council  West Oxfordshire District Council  Individual Providers  Care providers</p>
Criminal Justice	<ul style="list-style-type: none"> <li>• Courts (County, Magistrates, Crown)</li> <li>• Probationary and Prison Service</li> </ul>	<p>National Probation Service  Thames Valley Probation  HM Prison Service  Ministry for Justice</p>

<b>C. Green Infrastructure</b>		
Category	Sub-Category	Relevant Organisations
National/Regional	<ul style="list-style-type: none"> <li>• Green Belt</li> <li>• Areas of Outstanding Natural Beauty (AONB)</li> <li>• Special Areas of Conservation (SAC)</li> <li>• National Nature Reserves (NNR)</li> <li>• Sites of Special Scientific Interest (SSSI)</li> <li>• Ancient Woodlands</li> <li>• Historic Parks and Gardens</li> <li>• National Trails</li> <li>• Long distance walking and riding routes</li> </ul>	Natural England Cotswolds AONB Conservation Board Forestry Commission Landowners Wildlife Trust RSPB DEFRA Historic England The Blenheim Estate / The Cornbury Estate Oxfordshire County Council
Sub-Regional/District	<ul style="list-style-type: none"> <li>• The Wychwood Project</li> <li>• Lower Windrush Valley Project</li> <li>• Windrush in Witney Project</li> <li>• Conservation Target Areas</li> <li>• Local Wildlife Sites (LWS)</li> <li>• Local Geological Sites</li> <li>• Green Corridors (including river corridors and canals)</li> <li>• Formal greenspace</li> <li>• Informal greenspace</li> <li>• Public rights of way</li> </ul>	Initiatives including the Wychwood Project, Lower Windrush Valley Project, Windrush in Witney Project West Oxfordshire District Council Town and Parish Councils Natural England Oxfordshire County Council Environment Agency The Blenheim Estate BBOWT Wild Oxfordshire

### **3 PART A - PHYSICAL INFRASTRUCTURE**

#### **TRANSPORT**

##### **HIGHWAYS**

- 3.1 The District Council works closely with Oxfordshire County Council (the highway authority) to identify the key transport issues of relevance to the District as well as the programme of future infrastructure improvements that are likely to be needed to support planned growth.
- 3.2 There are no trunk roads within the District and responsibility for public highways falls to Oxfordshire County Council. The principal routes include the A40, A44, and A361.
- 3.3 Traffic volumes are highest on the A40 between Witney and Oxford and the A44 south of Woodstock to Oxford. The most severe congestion is on the A44 at the Bladon roundabout and on the A40 to the east of Witney, particularly during the morning peak hours.
- 3.4 Witney has direct road access to Oxford via the A40, which bypasses the town to the south. Access to the town can be achieved at the all movements A415 Ducklington Lane junction and Shores Green which currently has east facing slip roads only. The town can also be accessed from the west by Burford Road (B4047), from the north by Hailey Road (B4022), and from the north east and south west by the A4095. Witney suffers from congestion in the town centre, particularly at peak weekday hours and on Saturdays.
- 3.5 The Carterton road network suffers little from congestion and serves the town well. However there is currently no A-road access to the town and this has been identified as a key issue to be addressed. Access from the A40 can be achieved via the B4477 at Minster Lovell (from the east only) and the B4020 at Burford (all movements). Due to the relatively rural location of Carterton, there is limited through traffic which is encouraged to use the B4020/B4477 Upavon Way instead of the town centre.
- 3.6 Chipping Norton lies on the A44 approximately 20 miles (32km) north west of Oxford and about 12 miles (19km) north of Witney. Chipping Norton sits astride the junction of the A44 and A361 which is a very busy through route, especially for lorries and as a result the town centre suffers from congestion and air pollution with an air quality management area (AQMA) currently in place.
- 3.7 In terms of the other main centres, the A40 and B4449 at Eynsham suffer from severe congestion during peak hours due to the limited capacity of the nearby Swinford Toll Bridge. Woodstock lies on the A44 and high levels of through-traffic (particularly lorries) have long been an issue for the town. Burford is situated at the junction of the A40, A361 and A424 and is an important tourist destination as well as a local service centre. The narrow bridge over the River Windrush at the north of the town can cause

considerable congestion, and the relatively high level of lorry traffic has a negative impact on the environment.

3.8 Inevitably, the quantum of new development planned over the Local Plan period (15,950 homes, up to 89 hectares business land) will increase the number of vehicular trips on the highway network. Oxfordshire County Council has therefore identified a number of highway improvements needed to support future growth in the District. Key schemes include:

### 3.9 Witney

- Works have now been completed on the Ducklington Lane/Station Lane junction improvements. This provides capacity improvements at the junction of Ducklington Lane/Station Lane and widening of Ducklington Lane (south) to manage traffic flows and allow traffic to move efficiently through this busy junction.
- Downs Road/A40 junction improvements. This involves an at grade roundabout on the A40 at Downs Road and will be provided as part of the committed urban extension at West Witney (North Curbridge) which benefits from a resolution to grant outline planning permission for 1,000 homes.
- Shores Green Slip Roads. The provision of west facing slip roads at the Shores Green junction onto the A40 has been identified as part of a package of preferred transport measures for Witney (including the Downs Road and Ducklington Lane schemes – above) and is a prerequisite of the proposed Strategic Development Area at East Witney (450 homes) allocated in the pre-submission draft Local Plan (2015).
- Improvements to Oxford Hill/Cogges Hill Road/Jubilee Way junction.
- West End Link Road - Phase 2. A link road between Mill Street and West End providing an additional river crossing. This is needed to support potential growth to the north of Witney which has been allocated for 1,400 homes in the proposed Local Plan Main Modifications (November 2016). The development would be expected to facilitate delivery of the WEL scheme as it is needed to mitigate the impact of the proposed development.
- Northern Distributor Road to connect the B4022 Hailey Road to the A4095 Woodstock Road and Jubilee Way via New Yatt Road. In addition a 30mph chicane/ gateway feature on the Woodstock Road should be provided to complement this. This would supplement the West End Link and would therefore be needed to support further growth to the north of Witney as proposed. The proposed development would be expected to fund this improvement.
- A mixture of complementary schemes to improve the town centre environment for pedestrians, cyclists and public transport users.

### 3.10 Carterton

- Shilton Link Road, Carterton. This involves the provision of a new road between Elmhurst Way (in Shilton Park) and B4020 Shilton Road. This road is necessary to gain access to housing development north of Swinbrook Road.
- Improved access by road to Carterton and RAF Brize Norton. Following an evaluation of different options by Oxfordshire County Council, the B4477 Minster Lovell Road has been identified as a priority for upgrading to A-road standard together with the provision of west facing slip roads at the junction of the B4477 and A40.

### Chipping Norton

3.11 In Chipping Norton, the County Council has identified the removal of the primary route status from the A44 between Oxford and Moreton-in-Marsh to deliver improvements in the Air Quality Management Area (AQMA) and provide relief to the town centre by imposing Heavy Goods Vehicles weight restrictions on Horsefair.

3.12 The County Council has also identified the potential for a new link road to the east of Chipping Norton to come forward as part of the proposed increased housing allocation at Tank Farm (an increase from 600 to 1,400 new homes plus 9 hectares of business land). This would allow for access to the larger strategic site, provide traffic relief to the centre of Chipping Norton and may offer an opportunity to improve air quality within the town's Air Quality Management Area. It is expected that the link road serving the Tank Farm SDA will be delivered and funded by the development through a S106 package.

### Eynsham

3.13 As part of the Local Plan proposed Main Modifications (November 2016) land west of Eynsham has been identified for a potential urban extension of around 1,000 homes. As part of this proposal it is anticipated that a western link road will be provided connecting the A40 with the B4449 to the south of Eynsham. It is expected that the link road will be delivered and funded by the development through a S106 package. The cost and delivery of this link will need to be worked up in more detail through a masterplan and delivery framework.

3.14 The proposed Main Modifications also anticipate the creation of a new 'Garden Village' to the north of the A40 near Eynsham. This proposal is at a very early stage and the intention is that the concept will be developed further through an 'Area Action Plan'. In terms of highway infrastructure it is anticipated that the garden village is likely to have some sort of northern link road. This could for example connect the A40 through Cuckoo Lane and onto Lower Road.



3.15 Other general road transport improvements which have been identified and/or are in the design stages in the Eynsham area include the A40 Science Transit Scheme which comprises:

- A Park and Ride at Eynsham, the proposed location is to the north of the A40 and west of Cuckoo Lane.
- An eastbound bus lane between Eynsham Park and Ride and the Duke's Cut bridge near Wolvercote;
- Westbound bus priority on the approaches to Cassington traffic signals and Eynsham roundabout;
- Junction improvements along the A40 corridor between Witney bypass and Eynsham roundabout.
- In implementing this scheme the current Witney to Oxford cycle route will be retained and will be developed into a part of the Oxfordshire Cycle Premium Route network.

#### BUS SERVICES

3.16 A comprehensive bus service exists in West Oxfordshire. Most services are currently operated by Stagecoach on a commercial basis but there are a number of less frequent services in the rural hinterland, along with those serving Witney Town, that are local-authority funded. Oxfordshire County Council and Stagecoach have been approached by the Council and have helped to determine the challenges and improvements identified in this section which are then reflected in the future requirements identified at Appendix I.

3.17 Since the 1990s, patronage on the main services has developed strongly as Stagecoach has invested heavily in improving frequencies and in new vehicles. Today there are three premium services connecting Oxford and some other settlements with Witney, Carterton and Chipping Norton, operating typically at least every 30 minutes. There are also a number of important inter-urban services linking Witney to Abingdon and Woodstock that operate approximately every hour and are now run as commercial operations.

3.18 Witney is served by two Premium Bus Route services (S1 & S2) linking the town to Carterton, Eynsham, Botley, and Oxford. Six buses an hour offer direct connection to Oxford, with regular evening and Sunday services. However, peak journey time reliability between Witney and Oxford is variable due to congestion approaching Oxford and also within Witney itself. There are also regular bus services to surrounding towns, such as Burford, Bampton, Woodstock, Charlbury and Chipping Norton. Since June 2014, Witney has benefitted from additional services to Long Hanborough including the 233 service which serves Hanborough Station on a broadly hourly basis (except Sundays).

- 3.19 At Carterton, there is a frequent and comprehensive bus service to Witney and Oxford. Bus stops along the route have been enhanced to the County Council's Premium Route standard, with electronic Real-Time Information. There are less-regular bus services to Lechlade and Swindon and to Bampton through Clanfield. There is also a local bus service to the Shilton Park residential area. There is only a limited bus service to Burford, whilst connections to other nearby places, such as Cheltenham, Faringdon and Wantage require a change of bus in Witney, Oxford or Swindon.
- 3.20 Chipping Norton is connected to Oxford with an hourly bus service 7 days a week (S3). Stops along the route have been enhanced to Premium Route standards with Real-Time Information. There are also hourly bus services to Witney and to Banbury. A connecting RailBus operates to Kingham station on the Cotswold rail line. There are less frequent services to Stratford-upon-Avon and to other areas.
- 3.21 In addition to the above, a new weekend and bank holiday bus service is proposed by Stagecoach to travel between Carterton, Witney, Eynsham, Thornhill Park & Ride and seven destinations in London. The ticket will be linked to the Oxford Tube service between London and Oxford to provide a greater level of flexibility. While the main settlements are well-served by the frequent premium inter-urban bus services, recent large-scale urban extensions in both Witney and Carterton are not well penetrated, and residents often have to walk distances greater than the 400m maximum recommended by the Institute of Highways and Transportation. This can reduce the convenience and attractiveness of bus services when compared with car use.
- 3.22 Many of the smaller towns are also served by comprehensive bus services, especially to Oxford and Witney, although some subsidised services have recently been withdrawn across the District. Eynsham enjoys very frequent services to Witney, Carterton and Oxford. Woodstock is served by the S3 service to Chipping Norton and Oxford. This is also a frequent service. In addition, service 233 offers an hourly link to Witney via Hanborough Station. Charlbury has good bus links with Woodstock, Oxford, Chipping Norton and Witney, whilst Burford is connected to Witney, Oxford and Cheltenham by bus.
- 3.23 Oxfordshire County Council has previously identified a range of requirements to support future growth in the District, to include enhanced frequency of the premium routes, upgrading of bus stops on premium routes with Real Time Information, measures to improve bus journey times, future routes to improve access to the rail network and to employment areas and the provision of a Park & Ride facility at Eynsham. Details of the proposed improvements are set out in Appendix I.
- 3.24 Oxfordshire County Council is also in the design stages of a bus priority lane scheme along the A40 to improve options for sustainable journeys between Eynsham and Oxford, which will be implemented during the Local Plan

period. As plans develop further, the details of this scheme, including the estimated costs, will be included in future iterations of the IDP.

- 3.25 These improvements are essential to ensure that future planned development does not lead to any further deterioration in journey times, especially on journeys into Oxford via the A40, B4044 and A44. Since 1990 the time scheduled for the bus departing Carterton, arriving in Oxford City Centre just before 9am has increased from 55 minutes to over 100 minutes. Actual arrival times in the morning peak can vary by up to 40 minutes on specific journeys. These delays impact directly both on the attractiveness of the service, but also substantially raise the costs involved in providing capacity improvements as vehicle productivity is much reduced.
- 3.26 In addition, Oxford City and Oxfordshire County Councils are working with developers to deliver a major mixed-use development at Oxford's Northern Gateway. This strategically-placed highways node is subject to very serious congestion, however major highways and sustainable transport improvements are envisaged aimed at improving the current situation, at least in the short-medium term. These improvements tie into measures to improve the efficiency of public transport along the arterial corridors from the major towns to Oxford, and especially the A40 between Oxford and Eynsham.
- 3.27 To assist this, a grant of £35m was provisionally allocated from the Government in September 2014 to investigate the options and to invest in capacity improvements on the A40 between Witney and Oxford. The option being taken forward as 'Phase 1 A40 improvements' is a bus priority lane eastbound between Eynsham and Oxford. Phase 2 will provide a west bound bus priority lane between these two destinations. In addition, Oxfordshire County Council will be developing a longer term strategy for the improvement of travel beyond Eynsham which will investigate the potential for further dualling of the A40 between Witney and Oxford.

### RAIL SERVICES

- 3.28 Network Rail is responsible for the railway network and rail services are provided by First Great Western. There are two rail lines running through West Oxfordshire and eight passenger stations. The Oxford-Banbury line passes through the eastern edge of the District with a station at Tackley whilst the Cotswolds & Malvern line runs through the middle of the District from east to west with stations at Hanborough, Combe, Finstock, Charlbury, Ascott-under-Wychwood, Shipton-under-Wychwood and Kingham.
- 3.29 The most heavily used stations are Charlbury, Kingham and Hanborough. This reflects the number of services available from these stations, including a direct line to London. Passenger use at most stations has increased in recent years particularly at Hanborough where the car parking facilities have recently been extensively increased. Exceptional growth has been seen at Hanborough (up 239%) and at the busiest station on the line at Charlbury (up 30%).

- 3.30 The Cotswold line has benefited from re-instating 20 miles of track between Charlbury and Evesham which was completed in 2011. This included new platforms at Charlbury and Ascott under Wychwood.
- 3.31 In terms of future upgrades, First Great Western advised the Council in November 2014 that initial proposals are being developed to improve facilities at a number of stations in West Oxfordshire including Hanborough, Charlbury and Kingham with relatively minor improvements also planned at Combe and Finstock. The key improvements identified include an additional car park deck at Charlbury Station, platform lengthening and passing loop for trains at Hanborough and a new bridge and car park extension at Kingham. The estimated costs for each of these three stations are £1m, 1.4m and 5m respectively although it should be noted that the works are subject to design clarification and consultation.
- 3.32 Whilst the County Council have no direct responsibility for specifying or funding the railways, they do have a general obligation to secure the provision of public passenger transport services and therefore work in close partnership with the rail industry to plan, fund and deliver local and strategic improvements in the rail network.
- 3.33 The County Council's Local Transport Plan (LTP4) incorporates a rail strategy which includes as a general strategic priority, support for further capacity and service enhancements on the North Cotswold Line. It also includes a strategic aspiration to develop Hanborough Station as a transport hub to help reduce congestion on the A40 as part of a package of public transport measures. The plan also identifies the need for further redoubling of the Cotswold line at the eastern and western ends of the line, between Wolvercot Junction and Hanborough, and from west of Evesham towards Pershore. This would allow up to three trains per hour to Hanborough and/or Charlbury and two trains per hour between London and Worcester, with a journey time under two hours. Network Rail is preparing a detailed business plan to complete the dualling of the Cotswold Line between Oxford and Worcester. It is proposed that the works will be carried out between 2019 and 2024 although the funding sources have yet to be fully identified.
- 3.34 Given the responsibilities outlined above, no specific future rail infrastructure requirements have been identified in Appendix I but measures to improve connections to the stations have been identified. Particularly important will be the provision of effective pedestrian, cycle and public transport links between Hanborough Station and the proposed garden village to the north of the A40 near Eynsham. This proposal is at a very early stage and will be worked up in more detail through an Area Action Plan (AAP) which will provide the opportunity to consider in detail how to most effectively link the garden village with key destinations including Hanborough Station.

## COMMUNITY TRANSPORT

- 3.35 The definition of ‘community transport’ is broad but generally refers to transport provided by voluntary and community sector (VCS) organisations using a combination of volunteers and paid staff. Sometimes these organisations receive public funding but often they do not. Community transport can offer solutions for people who have no other transport options including people in rural areas where there is no public transport provision, people with mobility impairments and people on low incomes for whom alternative transport options are unaffordable.
- 3.36 Examples of community transport schemes include car sharing and car schemes, shared taxis, taxi buses, community minibuses, dial a ride and some scheduled services. There are a number of community transport schemes operating in West Oxfordshire including Oxfordshire County Council Dial-a Ride and The Villager Community Bus. The District Council has no direct responsibility for community transport but works in partnership with relevant organisations including Oxfordshire County Council and Community First Oxfordshire<sup>5</sup>.
- 3.37 At the present time no specific requirements have been identified although with the forecast ageing of the local population, it is reasonable to assume that demand for such services is likely to increase, especially due to recent cuts in bus subsidies.

## WALKING, CYCLING AND RIDING

- 3.38 West Oxfordshire is reasonably well-served in terms of walking and cycling facilities although most of these are focused on the main towns. There are dedicated cycle routes (some shared with pedestrians) in the main towns.
- 3.39 Outside the main towns, the best cycling opportunities exist on ‘quiet roads’ rather than on dedicated cycle paths although there are a number of national cycle network routes running through the District. There is a reasonable network of public rights of way including routes suitable for horseriders, although there are some areas which are poorly catered for and improvements to these routes where they are fragmented or obstructed will be encouraged.
- 3.40 Witney has a number of different pedestrian routes running across the town and on the rural fringes. There are some good cycle routes around the town but some gaps in cycling infrastructure. Cycle networks linking Witney to nearby settlements are poor, with no dedicated link between Witney and Carterton. Whilst cyclists, horse riders and walkers can use bridleways and byways, often these do not connect safely with roads that are safe and attractive to use.

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<sup>5</sup> See <http://www.communityfirstoxon.org/> and [www.oxfordshire.gov.uk/communitytransport](http://www.oxfordshire.gov.uk/communitytransport)

- 3.41 Carterton benefits from a number of dedicated pedestrian routes running across the town and also on the rural fringe including the Kilkenny Lane Country Park. There are some good cycle routes, particularly to the north east of the town centre associated with Shilton Park. Improvements have recently been made to Burford Road to provide a dedicated cycle route from Shilton Park to the town centre.
- 3.42 At Chipping Norton, a reasonable range of public rights of way connect the town to the surrounding countryside and settlements. However, the network is disjointed in many places where paths meet the road network and this can present dangers to users, including horseriders who are vulnerable road users. There are no cycle links within Chipping Norton or from the surrounding settlements and within the town some roads are too narrow for cycle paths. Cycle parking at key destinations within the town centre is generally poor.
- 3.43 Within the Eynsham/Woodstock area, walking and cycling opportunities are reasonably good for recreational journeys but relatively limited for commuting. At Eynsham there are dedicated cycle and pedestrian routes to the south and south east of the village and also running along the A40 towards Oxford, which will be improved as part of the wider capacity improvements to the A40. A group called 'Bikesafe' has been set up to promote the delivery of a new cycle path from Eynsham to Botley along the B4044 Eynsham Road which will cost in the region of £3-4m (2016).
- 3.44 Particularly important in the Eynsham area will be the provision of effective pedestrian, cycle and public transport links between Hanborough Station and the proposed garden village to the north of the A40 near Eynsham. This proposal is at a very early stage and will be worked up in more detail through an Area Action Plan (AAP) which will provide the opportunity to consider in detail how to most effectively link with key destinations including Hanborough Station.
- 3.45 At Woodstock there are a reasonable number of public rights of way and quiet roads suitable for cycling and walking and riding but the main opportunity is presented by the dedicated cycle and pedestrian route from Woodstock along the A44 towards Oxford.
- 3.46 The Burford/Charlbury area is predominantly rural in character and there are a number of opportunities for walking, cycling and riding along relatively quiet roads. There is a bridleway suitable for cycling to the south east of Charlbury linking the village with Stonesfield.
- 3.47 Various future requirements have been incorporated into this IDP update many of which were identified by the County Council's Countryside Access Officer. The projects identified include the provision of additional connecting links, improvements to current routes (to include surfacing and signage for all users, including horseriders) and the creation of crossing points. Where possible and suitable, the Council will also encourage the provision of multi-use routes to improve off-road access for all users. In addition, on and off-site

walking, cycling and riding provision associated with individual development sites will need to be assessed and upgrades secured through planning conditions and obligations. The improvements identified as being necessary to support future growth over the period of the Local Plan are set out at Appendix I.

## PARKING

- 3.48 The District Council provides free parking in all of its 16 car parks. The Council's current policy approach of providing free parking assists in maintaining the vitality and viability of the town centres. There are time management controls in place to help ensure that adequate levels of short-stay spaces are available to meet the needs of shoppers and other visitors to the area.
- 3.49 Car park use in Witney has increased in recent years and there is very little off-street car parking capacity on Saturdays, with a limited amount of space in the Woolgate and Marriotts Walk car parks during the weekdays.
- 3.50 Witney continues to be a focus for growth and as such there is a need to continue to implement the integrated parking management strategy to ensure the most efficient use of existing car parks and to provide additional off-street car parking spaces to support town centre businesses and further town centre development.
- 3.51 In 2012 the Council's Cabinet resolved to investigate a commuted sum policy for future retail/commercial and housing development to contribute to future parking provision within the district. This resolution reflects the draft Local Plan policies which seek to ensure that development proposals that would significantly increase car parking demand will be expected to make appropriate public car parking provision or provide equivalent financial contributions.
- 3.52 Future commercial and housing development will create additional demands for car parking and therefore it is critical that future provision is considered. If commuted contributions are collected from new development (either through Section 106 or CIL when introduced) this will help contribute towards the cost of additional car parking spaces.
- 3.53 In Carterton, car parking capacity is not highlighted as a significant issue at present. The two recently opened supermarkets, Aldi and Morrisons have on-site car parking that meets present demand. However, the situation needs to be monitored as further development in Carterton comes forward. There are no suitable sites for additional car park development in the centre of the town.
- 3.54 In Chipping Norton, public car parking spaces in the town centre are insufficient to meet peak demand on market day (Wednesday) and Saturday. This creates congestion and could potentially affect the viability of the town centre. It is an issue that has been highlighted in the Chipping Norton Neighbourhood Plan. The potential for further provision will therefore need

to be investigated, although town centre parking options are limited and innovative solutions may be required.

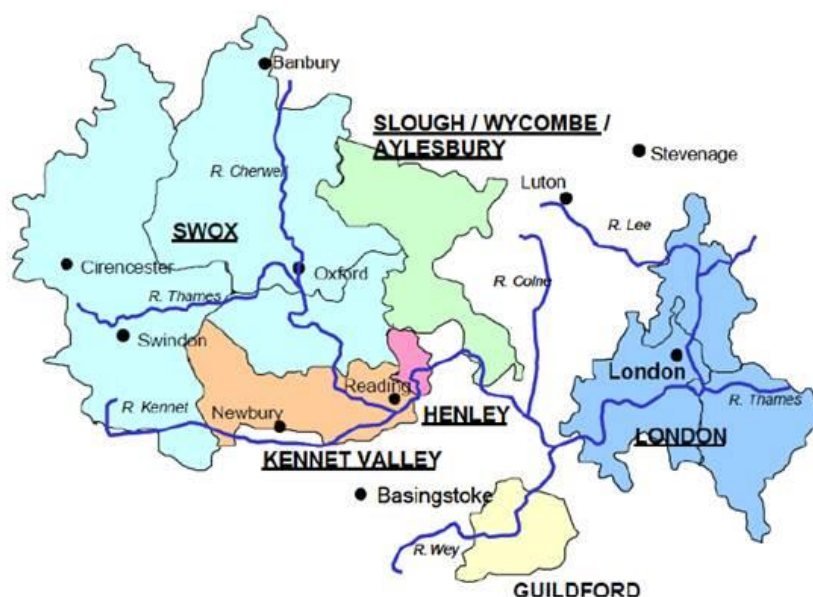
- 3.55 Car parking is also under pressure in popular tourist towns such as Burford and Woodstock where there is extremely limited capacity, particularly at weekends. However, as the car parking demand is mainly created by tourists, additional housing in these towns is unlikely to have a significant impact on parking demand.
- 3.56 In addition, parking provision at the stations in Long Hanborough and Charlbury has been identified as being close to capacity, despite the large car parking extension at Hanborough Station.
- 3.57 Survey work to establish parking capacity has been completed in-house to date and has been largely focussed on Witney. The Council recognise that it is important for a District wide parking strategy to be completed in order to review parking provision and needs for the District. The Council has commissioned a consultant to survey on and off-street parking usage needs and data will be collected over a period of six to eight months. The consultant will focus on the long term and future demands for parking provision across the district, reflecting the expected growth in residential and commercial development. The consultants will also identify any improvements to capacity, quality, safety and the environment of current parking provision. This work is currently on-going but once this has been completed and agreed by the Council, this will feed into future iterations of the Infrastructure Delivery Plan.

## **WATER**

### **WATER SUPPLY**

- 3.58 Public water supply in West Oxfordshire is the responsibility of Thames Water and the District falls within the 'SWOX' Water Resource Zone of Thames Water's Supply Area as detailed on the map provided below. Thames Water has a duty to maintain the security of water supplies and to produce a Water Resources Management Plan (WRMP) every five years.
- 3.59 The current WRMP covering the period 2015 – 2040 was approved in 2014 and the next WRMP which will cover the period 2020 – 2045 will be drafted in the coming years. This will take account of increased growth proposed within the Local Plan (including proposed Main Modifications) so that longer term growth can be met.





- 3.60 Thames Water is also required to submit a business plan which reflects the funding necessary to operate the business and undertake new investment every five years to the water regulator Ofwat. The current Thames Water Business Plan covers the period 2015-2020. The next plan covering 2020-2025 is being prepared and will be submitted to Ofwat (The Water Industry regulator) in 2017.
- 3.61 In addition, Thames Water has published a 25-year strategic direction statement entitled 'Taking Care of Water – Our Plan for a Sustainable Future'. The strategy covers the period 2010 – 2035.
- 3.62 The current WRMP (2015 – 2040) identifies a baseline deficit of water supply over demand (with target headroom) from 2020 within the Swindon and Oxfordshire Water Resource Zone over the plan period. To address this, the WRMP provides for investment in measures to restore security of supply. The investment involves a significant programme of demand management and the development of new sources of supply.
- 3.63 Water supply is in balance in the short term with continuing demand management proposed to maintain a small surplus until 2020. Demand management measures comprise leakage reduction, a targeted metering programme and enhanced water efficiency.
- 3.64 In general terms, water supply is not considered to be a significant constraint to the scale of development being proposed. Thames Water is obliged to provide connections for waste and fresh water to future domestic properties although commercial properties do not have the 'right' to connect.

- 3.65 However, given the fact West Oxfordshire is located within an area of demonstrable 'water stress', the Local Plan proposed Main Modifications (November 2016) seek to introduce a requirement for all residential development to achieve the more stringent optional building regulations standard on water efficiency.

#### WASTE WATER (DISPOSAL & TREATMENT)

- 3.66 There are 20 sewage treatment works within West Oxfordshire. The main ones are based in Witney, Carterton, Woodstock, Charlbury, Bampton and Stanton Harcourt.
- 3.67 Thames Water assesses the performance of its process and network infrastructure against projected housing numbers identified by local authorities through their Local Plans. Where capacity shortfalls are identified, detailed investigations will be undertaken with a view to providing additional capacity ahead of development by inclusion in a 5 year asset planning period.
- 3.68 Where there are network capacity problems or potential adverse amenity impacts on future occupiers or the wider environment, developers may be required to partly fund any necessary network upgrade works. In some circumstances, a drainage strategy will need to be produced by the developer in liaison with Thames Water to ensure the appropriate upgrades are in place ahead of occupation of the development. A lead time of up to three years may be necessary to deliver the required water supply and sewerage infrastructure unless the developer chooses to requisition the infrastructure to deliver it in a shorter time frame.
- 3.69 As water and sewerage undertakers have limited powers under the Water Industry Act to prevent connection to its network ahead of infrastructure upgrades, they rely heavily on the planning system to ensure infrastructure is provided ahead of development either through phasing or the use of Grampian style conditions.
- 3.70 In terms of future requirements necessary to support growth, we have liaised with Thames Water to explain the increase in housing numbers and they have advised that the following improvements are likely to be necessary to meet this increased level of development:

#### Witney

- 3.71 In terms of water supply, significant levels of growth can be accommodated in this sub-area as a new reservoir was constructed in 2008 at Worsham Service Reservoir.
- 3.72 Considering sewerage infrastructure, local upgrades will be required to accommodate the proposed strategic developments at west and east Witney. Development to the north of Witney (1,400 homes proposed) will need to be supported by substantial improvements through the centre of Witney in

order to convey flows to the sewage treatment works located to the south of the town. This site is expected to come forward later in the plan period after 2021 allowing time for these upgrades to be delivered and aligned with the development.

#### Carterton

- 3.73 Thames Water has confirmed that the level and distribution of housing development identified in the Local Plan consultation can be supported. Although not identified as a preferred site, if development were to come forward to the west of Carterton, additional reinforcement mains through the town may be required and the strategic transfer capacity of the network in this area may need to be upgraded. If upgrades were required, these would take a minimum of three years to carry out and developer contributions would be sought towards this work.
- 3.74 Local improvements to the sewerage network will be required to accommodate future growth. The committed urban extension at East Carterton (700 homes) will require substantial infrastructure improvements in order to convey foul water to Carterton STW. These will be funded by the development.

#### Chipping Norton

- 3.75 There is significant water supply as a new reservoir was constructed to the east of Chipping Norton in 2013. Additional booster pumping may be required and would need to be funded by the developer.
- 3.76 To support planned growth to the east of Chipping Norton (1,400 homes) substantial sewerage infrastructure improvements would be required through the centre of Chipping Norton in order to convey flows towards the sewerage treatment works located to the west of the town. These will be funded by the development.

#### Eynsham

- 3.77 The Local Plan Proposed Main Modifications (November 2016) highlight the potential for large scale growth to the west of Eynsham and to the north of the A40 near Eynsham. Cumulatively this could result in 3,300 additional homes plus a significant amount of new business land (potentially up to 40 hectares in the form of a science park north of the A40). The potential impact of this growth will need to be carefully considered. Initial evidence prepared on behalf of the District Council has suggested that further infrastructure enhancements may be needed in terms of waste water treatment capacity. This will be further considered through detailed masterplanning for the land west of Eynsham and an Area Action Plan for the proposed Garden Village on land north of the A40 near Eynsham.

## Woodstock

- 3.78 In Woodstock there are currently no specific supply concerns, however proposed development identified in the Local Plan proposed Main Modifications (300 homes on land to the east of Woodstock, 120 homes on land to the north of Hill Rise, Woodstock and 250 on land north of Banbury Road, Woodstock) would require upgrades to the booster station before additional flows can come online. The booster upgrade is proposed to be constructed between 2015 and 2020 and forms part of the draft Business Plan submission, the outcome of which has yet to be finalised. In addition, the developments in Woodstock are likely to necessitate sewage network capacity upgrades.

## SURFACE WATER DRAINAGE, FLOOD ALLEVIATION AND DEFENCE

- 3.79 Following extensive flooding in 2007, the District Council, County Council and Environment Agency investigated options to improve the level of protection from flooding in a number of areas of the District in 2008. Grant funding of around £1,000,000 has been received from DEFRA and other funding streams administered by the Environment Agency for numerous projects throughout the District since 2007.
- 3.80 Flood defence projects across the District have either been completed or are in progress and several further flood mitigation schemes are being progressed.
- 3.81 Many of the flood mitigation projects which the Council has delivered have been enabled by funding administered by the Environment Agency (such as Flood Defence Grant Aid and Local Levy funding) and the County Council. The availability of such funding is becoming more limited and is expected to be targeted at more significant flood mitigation schemes and schemes which attract greater levels of partnership funding. One such scheme which could attract partnership funding is the West End Link Road which is required to support development at North Witney.
- 3.82 This is provided that the road serves a dual role in terms of transport and flood risk reduction. The EA have identified this opportunity in their Witney Flood Alleviation report<sup>6</sup> as the land reserved for the link road is similar to the area investigated for a flood storage area on the River Windrush. The Witney Level 2 Strategic FRA<sup>7</sup>, which was completed in 2015, concluded that the benefits of utilising the WEL bridge crossing as part of a wider flood alleviation scheme should be considered alongside other more engineered flood alleviation solutions upstream of the bridge crossing, so further work is needed in assessing the various options.

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<sup>6</sup> Witney Flood Alleviation Initial Assessment April 2014

<sup>7</sup> Witney Level 2 Strategic Flood Risk Assessment March 2015

- 3.83 In West Oxfordshire there is a continuing requirement to investigate and implement minor interventions and enforce riparian responsibilities. Such interventions include minor drainage improvements, very small scale communal flood defence schemes, property level protection, ditch clearance, maintenance of critical watercourses and assistance to residents involving private piped systems. These maintenance projects do not qualify for funding administered by the Environment Agency and developer contributions will be required towards the maintenance of existing flood defence assets as well as off-site flood mitigation where appropriate.
- 3.84 Opportunities may also exist to use natural flood management techniques further up the catchments to modify the rate of water flow reaching more developed areas. The Evenlode Catchment Partnership is in the early stages of a five year demonstration project on natural flood management techniques that are applicable to the local area. Once this work has been developed further, specific projects will be incorporated within the IDP, where appropriate, and funding may be secured through development.
- 3.85 In terms of on-site drainage, all qualifying development will be expected to incorporate SuDs within their developments to ensure that flood risk is not increased on or off-site.
- 3.86 Future requirements are summarised at Appendix I.

## **ENERGY**

### **GAS (GENERATION AND DISTRIBUTION)**

- 3.87 The National Grid owns and operates the high pressure gas transmission system in England. The National Grid has a duty to develop and maintain an efficient co-ordinated and economical transmission system for the conveyance of gas.
- 3.88 Scotia Gas Networks (SGN) owns and operates the local gas distribution network in most of the District with West and Wales Utilities (WWU) covering some western parts. Reinforcements and developments of the local distribution network are generally as a result of overall demand growth in a region rather than site specific developments.
- 3.89 No specific future gas infrastructure requirements have been identified at this stage.

## ELECTRICITY (GENERATION, TRANSMISSION AND DISTRIBUTION)

- 3.90 National Grid owns and operates the National Electricity Transmission System (NETS) that links the major power stations and transports electricity in bulk across the country.
- 3.91 Distribution companies own and operate the lower voltage electricity network, connecting the smaller power stations and the national grid to every electricity customer in Britain. The distribution company with responsibility for making new grid connections in the District is Scottish & Southern Electricity Networks.
- 3.92 The Council has met with Scottish & Southern Electricity Networks to explain the proposed quantum and distribution of growth envisaged through the emerging Local Plan. They have advised that where existing electricity infrastructure is inadequate to support the increased demands from new development, the costs of any necessary upstream reinforcement required will normally be apportioned between the developer and the Distribution Network Operator.
- 3.93 The timescale for implementing the works would normally be a maximum of 2 years and therefore should not impede delivery of any development. Scottish & Southern Electricity Networks have also confirmed that there may be sufficient capacity available to be able to supply the proposed Garden Village to the north of the A40 from their Eynsham primary substation and the existing hv distribution network although it will be subject to off-site reinforcement works to the existing hv distribution network.
- 3.94 Scottish & Southern Electricity Networks monitors each primary substation in the Oxford area. Based on measured peak loads and knowledge of greater expected take-up of Authorised Capacity by existing customers in the locality, the load growth on each substation is categorised and reinforcement works are undertaken when appropriate at the expense of Scottish & Southern Electricity Networks to ensure supplies remain secure.
- 3.95 Where new loads from development necessitate upstream reinforcement being bought forward, charges will either be met in full by the developer or apportioned in accordance with Scottish & Southern Electricity Networks 'Statement of Methodology and Charges for Connection to Southern Electric Power Distributions PLC's Electricity Distribution System'. As such, each development is costed at the time electricity connections are requested and it is not possible to calculate the future network costs at an earlier stage. No specific requirements or costs are therefore identified at Appendix I.

## BIOMASS PROCESSING

- 3.96 There is a growing interest in the use of biomass as a source of renewable energy. The supply of biomass from local woodlands helps to improve woodland management with associated green infrastructure benefits. The two main areas where interest is strongest are at the small, domestic scale and at

the larger estate scale, particularly where estates are able to harvest their own fuel.

### DECENTRALISED, RENEWABLE AND LOW CARBON ENERGY

- 3.97 The UK remains committed to meeting at least 15% of its energy demand from renewable and low carbon sources by 2020 and to an 80% cut in greenhouse gas emissions by 2050 (Climate Change Act 2008).
- 3.98 In West Oxfordshire, four large scale renewable energy generating facilities are operational at the time of writing – three solar farms and an anaerobic digestion facility. Recent evidence commissioned by the District Council<sup>8</sup> seeks to identify the potential for further renewable and low carbon energy development.
- 3.99 The report identifies that there is potential to develop further renewable and low carbon technologies in West Oxfordshire. However this needs to be balanced with West Oxfordshire District Council’s vision to meet the needs of the district’s communities without significant change to the intrinsic character of the District, and the aims of maintaining an attractive and biodiversity rich environment and protecting the distinctive qualities of the district’s towns and villages.
- 3.100 In terms of wind power the report concludes that the potential for large scale and medium scale wind power is very limited and limited, respectively. However, the potential for small scale wind power is significant.
- 3.101 With regard to solar energy the report concludes that there is significant potential for further solar farm development in the district subject to careful consideration of individual development proposals.
- 3.102 Small scale renewables (photovoltaics, solar hot water, ground and air sourced heat pumps, micro hydro, biomass heating systems and small scale wind) could also play a useful role in increasing the generation of renewable energy in the District, although viability and feasibility will vary from site to site. WODC will also support woodland management schemes and energy storage solutions where appropriate.

### WASTE AND RECYCLING

- 3.103 West Oxfordshire District Council is responsible for the collection of waste and recycling from domestic properties as the waste collection authority (WCA) and for the management of 24 recycling ‘bring sites’ throughout the District. The Council also provide all street cleansing services including the provision of litter and fido bins. It also offers a commercial waste and recycling collection service.

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<sup>8</sup> Renewable Energy And Low Carbon Energy Assessment And Strategy For West Oxfordshire – LDA (October 2016)

- 3.104 Oxfordshire County Council is the Waste Disposal Authority (WDA) and is responsible for disposing of the waste that is collected by the District Councils. Like most areas, Oxfordshire has previously been reliant on landfill as the primary means of waste disposal, however a new energy recovery facility (ERF) at Ardley opened at the end of April 2014. This has significantly reduced the percentage of the County's municipal waste which is sent to landfill. The plant also treats commercial and industrial waste.
- 3.105 In terms of existing waste management facilities in West Oxfordshire, there is a Household Waste Recycling Centre (HWRC) at Dix Pit near Stanton Harcourt. There is also an Anaerobic Digestion (AD) facility at Cassington which treats organic waste such as food and a green waste treatment plant in the District which handles and recycles all domestic garden waste produced. There is a waste transfer facility at Dix Pit, where household waste is bulked up for onward transfer to the Ardley ERF; and a recycling facility for collected recyclable household waste in Witney.
- 3.106 The County Council is also the Waste Planning Authority (WPA) for Oxfordshire and is preparing a new Minerals and Waste Local Plan in two parts. The submission draft Minerals and Waste Core Strategy (2015) sets out the vision, objectives, overall spatial strategy and policies for meeting requirements for new waste management facilities in Oxfordshire up to 2031. The strategy covers all types of waste, including municipal, commercial and industrial, and construction, demolition and excavation wastes. The Core Strategy will be accompanied by a separate Site Allocations DPD allocating specific sites for waste management development.
- 3.107 There is a significant need over the plan period for further capacity for, recycling to reduce the quantities of waste disposed through landfill which the new plan will provide for. Within West Oxfordshire, additional waste management facilities are mainly expected to be small to medium in scale, providing for local needs, but there may be a need for larger facilities required close to Oxford.
- 3.108 The future need and location of new waste management facilities will be addressed by Oxfordshire County Council in their new Minerals and Waste Core Local Plan. The IDP will be updated accordingly as the strategy is progressed to adoption.

## **MINERALS**

- 3.109 Oxfordshire has extensive sand and gravel resources, particularly in the south along the River Thames and its tributaries. Within West Oxfordshire, sand and gravel working has taken place in the Lower Windrush Valley and between Eynsham, Cassington and Yarnton where there are quarries at Gill Mill (Ducklington), Stanton Harcourt and Cassington. Limestone and ironstone are found in the north and west of the county, where there are quarries within West Oxfordshire at Burford, Sarsden, Great Tew and Rollright.



- 3.110 The County Council is the Mineral Planning Authority (MPA) for Oxfordshire and is preparing a new Minerals and Waste Local Plan in two parts. The submitted Minerals and Waste Core Strategy (2015) will set out the vision, objectives and overall spatial strategy for meeting mineral requirements in Oxfordshire up to 2031. The Core Strategy will be accompanied by a Site Allocations Document.
- 3.111 The Local Plan needs to make provision for mineral working and supply to meet the needs for growth and development that is likely to take place in Oxfordshire over the next 15 years. The provision of aggregates for construction is a key element of the Strategy.
- 3.112 In West Oxfordshire, the plan identifies a strategic resource area for sand and gravel working; the Thames Lower Windrush and Lower Evenlode Valleys area from Standlake to Yarnton. It also identifies a strategic resource area for crushed rock working: the Burford area south of the A40.

## **TELECOMMUNICATIONS**

### **BROADBAND and MOBILE PHONE INFRASTRUCTURE**

- 3.113 The rural nature of West Oxfordshire and the associated wide distribution of premises mean that access to high speed communications is extremely important to local residents and businesses. However, due to its rural nature, investment in new telecommunications infrastructure is not commercially viable in large parts of the district and relies on Government (both national and local) support.

#### **Superfast broadband**

- 3.114 The rollout of superfast or “Next Generation” broadband will have a major impact on the economy, giving businesses and employees greater flexibility in the way they work as well as the way in which individual businesses can compete on a global scale. It will also have major social impacts such as facilitating the provision of “telehealth” care.
- 3.115 Significant public funds are already being invested in this rollout. Oxfordshire County Council is leading a project to ensure approximately 90% of premises in the district have access to superfast broadband. West Oxfordshire District Council is investing a further £1.6m to secure rollout to the last 10% with the aim of full coverage across the District by the end of 2017.
- 3.116 Future development (both commercial and residential) in the District will be required to include infrastructure for future proof access to superfast broadband as a standard utility. This is a requirement of Local Plan Policy OS2 – Locating Development in the Right Places.

## Mobile Communications

- 3.117 In many rural areas, mobile phone coverage lags behind that available in towns and cities. The ability to access data with mobile devices is becoming an essential requirement and the lack of availability hinders business development and deters further investment.
- 3.118 Much like the business case for the commercial rollout of broadband, so there is a limited commercial case for market driven investment in mobile coverage in West Oxfordshire due to the rural nature of the District. The Government has pledged £150m nationally through the Mobile Infrastructure Project but further local funding will be required to ensure good coverage throughout the District.

## **4 PART B – SOCIAL INFRASTRUCTURE**

### **EDUCATION**

- 4.1 Oxfordshire County Council is the local authority responsible for education in West Oxfordshire and has a statutory duty to ensure that sufficient school places are available within the area. There are a total of 47 primary schools, two infant schools, one nursery, one special school and seven secondary schools in the District which are listed below:

<b>School</b>	<b>Settlement</b>	<b>Type</b>
ACE Centre Nursery School	Chipping Norton	Nursery
St Joseph's Catholic Primary School, Carterton	Carterton	Primary
Eynsham Community Primary School	Eynsham	Primary
Our Lady Of Lourdes Catholic Primary School, Witney	Witney	Primary
Bampton Primary School	Burford	Primary
Brize Norton Primary School	Burford	Primary
Burford Primary School	Burford	Primary
Clanfield Primary School	Burford	Primary
Leafield Primary School	Burford	Primary
St Christopher's Primary School, Langford	Burford	Primary
St Kenelm's Primary School	Burford	Primary
St Peter's Infants' School	Burford	Primary
Wychwood Primary School	Burford	Primary
Carterton Primary School	Carterton	Primary
Edith Moorhouse Primary School	Carterton	Primary
Gateway Primary School	Carterton	Primary
St John The Evangelist Primary	Carterton	Primary
Chadlington Primary School	Chipping Norton	Primary
Charlbury Primary School	Chipping Norton	Primary
Enstone Primary School	Chipping Norton	Primary

Great Rollright Primary School	Chipping Norton	Primary
Great Tew Primary School	Chipping Norton	Primary
Holy Trinity Catholic Primary School	Chipping Norton	Primary
Kingham Primary School	Chipping Norton	Primary
Middle Barton School	Chipping Norton	Primary
St Mary's Primary School, Chipping Norton	Chipping Norton	Primary
Freeland Church of England Primary School	Eynsham	Primary
Hanborough Manor Church of England School	Eynsham	Primary
St Peter's Church of England Primary School, Cassington	Eynsham	Primary
Standlake (Church of England) Primary School	Eynsham	Primary
Stanton Harcourt Church of England Primary School	Eynsham	Primary
Aston & Cote Primary School	Witney	Primary
Ducklington Primary School	Witney	Primary
Finstock Primary School	Witney	Primary
Hailey Primary School	Witney	Primary
Madley Brook Primary School	Witney	Primary
North Leigh Primary School	Witney	Primary
Queen Emma's Primary School	Witney	Primary
St Mary's Infant School	Witney	Primary
The Batt Primary School, Witney	Witney	Primary
The Blake Primary School	Witney	Primary
Tower Hill School	Witney	Primary
West Witney Primary School	Witney	Primary
Witney Primary School	Witney	Primary
Bladon Primary School	Woodstock	Primary
Combe Primary School	Woodstock	Primary
Stonesfield Primary School	Woodstock	Primary
Tackley Primary School	Woodstock	Primary
Woodstock Primary School	Woodstock	Primary
Wootton-by-Woodstock Primary School	Woodstock	Primary
Burford Secondary School	Burford	Secondary
Chipping Norton School	Chipping Norton	Secondary
Bartholomew School	Eynsham	Secondary
The Henry Box School	Witney	Secondary
The Marlborough Church of England School	Woodstock	Secondary
Carterton College	Carterton	Secondary
Wood Green School	Witney	Secondary
Springfield School	Witney	Special

- 4.2 The County Council produces a Pupil Place Plan (PPP) which sets out the framework for and approach towards the provision of school places. The plan includes present and predicted pupil numbers together with information about birth rates, school capacity and new housing. The current PPP considers the period 2015-19, with the 2016-20 PPP being published in November 2016.
- 4.3 Nationally, education provision is undergoing a period of change. The Education Act 2011 is a key driver and under the Act, Oxfordshire County Council is no longer the default provider of services, but is expected to encourage Academies and Free Schools to meet demand. These changes could have significant implications for school provision in both the primary and secondary sector.

#### NURSERY AND PRE-SCHOOL

- 4.4 The Government will fund the cost of some early education for 2 and 3 year olds in Oxfordshire. All County Council maintained primary schools include some level of Foundation Stage provision, in many cases through private, voluntary and independent childcare providers.
- 4.5 Many primary schools in West Oxfordshire already include nursery provision for 3-year-olds and where new primary schools are required, they would be expected to include provision for 2 and 3-year-olds in line with government policy
- 4.6 No forecasts are currently prepared for nursery schools, although a shortage of early education places, especially for 2-year-olds, has been identified. Pressure on places is already growing in Witney, Eynsham and Carterton and the proposed strategic developments identified in the Local Plan Proposed Main Modifications are likely to increase demand further. In addition to new schools, appropriate accommodation for use by early year's providers should also be delivered through new community halls and similar facilities where possible.

#### PRIMARY EDUCATION

- 4.7 Typically a development of around 700 - 800 new homes is required to make a new primary school viable. Wherever possible, the County Council's preferred model of school organisation is for primary schools to be one or two complete forms of entry – i.e. with admission numbers of 30 or 60 – as this conforms to statutory class size requirements and the most effective use of revenue resources.
- 4.8 This is not always possible, and many schools in the county are 0.5 or 1.5 form entry. It is also County Council policy to maintain a percentage of spare places to cater for unforeseen changes in demand due to market forces e.g. parental preference.

- 4.9 Detailed primary school capacities, current and forecasted future pupil numbers up to 2019/20 are presented in the current Pupil Place Plan. The forecasts presented in this Plan were based on West Oxfordshire's planned housing delivery as it stood prior to the 2014 Strategic Housing Market Assessment.
- 4.10 Throughout much of the District primary schools are either already under pressure or are forecast to fill as pupil numbers are increasing. There are a few exceptions, notably at Carterton (although numbers here are now rising rapidly, and existing capacity is expected to be filled by incoming RAF families) and also at Middle Barton, Finstock and Stonesfield
- 4.11 New primary schools will be needed to support the proposed strategic development areas at West Witney, North Witney, East of Chipping Norton and West Eynsham. Up to two new primary schools will also be required as part of the proposed Garden Village north of the A40 near Eynsham. The proposed development of land at East Witney will be required to make a contribution towards increasing capacity locally. At Carterton, the committed urban extension to the east of the town will incorporate a new primary school on-site, with the redevelopment of REEMA North and Central potentially making a financial contribution towards school capacity.
- 4.12 Elsewhere, sufficient capacity will need to be provided through a variety of means, including absorbing extra demand into existing buildings, considering the availability of space in neighbouring schools and providing new accommodation through school extensions. Future housing development will be expected to contribute towards increasing school capacity where necessary.
- 4.13 Where schools are at or reaching capacity, even relatively small additional housing developments can be difficult for village schools to accommodate. This provides a limitation on the extent to which significant levels of development can be dispersed to the rural communities.
- 4.14 Woodstock Primary School has already expanded to 1.5 form entry size and its current site area is below that required for a larger school. An increased site area for the school, or moving some facilities off-site, would be required. Depending on the scale of housing growth, an alternative solution to providing more school capacity in the town would be the provision of a new school site.
- 4.15 Eynsham Primary School has already expanded to 2 form entry size and is unlikely to be able to expand further. The school has limited ability to absorb further housing growth in Eynsham and therefore any new strategic sites in Eynsham will be expected to provide new primary schools.

- 4.16 Hanborough Primary School is 1 form entry size and is almost full in most year groups. Additional land area in the form of an off-site playing field has been secured through a recent planning permission. Once this has been implemented, the school would be able to expand to 1.5 form entry, which is expected to be sufficient for permitted housing growth.

#### SECONDARY EDUCATION

- 4.17 There are seven state maintained secondary schools in West Oxfordshire, all within the District's larger towns and villages. The most common model of curriculum delivery is 11-18 years with a sixth form; Carterton Community School has previously been 11-16, but extended its age range to include a sixth form from September 2014. Sixth forms are already offered at Wood Green and Henry Box Schools in Witney, Chipping Norton School, Bartholomew School in Eynsham, Marlborough School in Woodstock and Burford Secondary School.
- 4.18 It is expected that most of Oxfordshire's secondary schools will have converted to Academy status during the time period of the current Pupil Place Plan. As Academies, they will be responsible for their own admissions arrangements, and any changes in school size would need to be agreed by the Department for Education. Secondary school numbers are already rising before housing growth is taken into account, as the rising birth rate which has affected primary schools is now starting to affect secondary schools.

#### Witney

- 4.19 The proposed development of land at North Witney (1,400 homes) in addition to development at West and East Witney, as identified in the Local Plan Proposed Main Modifications, is expected to necessitate the delivery of a secondary facility on the West Witney site. Therefore, a 5ha site for a new secondary facility has been reserved at West Witney.

#### Carterton

- 4.20 In Carterton, secondary pupil numbers are expected to increase due to the rapid growth in pupil numbers in Carterton's primary schools in recent years which will feed through into the secondary school. In addition the levels of additional new development proposed through the Local Plan, including the proposed strategic development areas at Carterton East and REEMA North and Central, will further increase demand.
- 4.21 This will absorb the spare capacity that currently exists at Carterton Community College and an expansion of the College will be required. The exact scale and nature of additional accommodation at the Collage has yet to be identified but the site has sufficient site area to accommodate any necessary expansions.

### Chipping Norton

- 4.22 At Chipping Norton, the secondary school has some spare capacity and OCC has advised that even with the proposed development to the east of the town, the school's site should be able to accommodate the additional pupil numbers likely to be generated (although some expansion of buildings may be necessary in the longer term).

### Eynsham

- 4.23 The County Council has identified that Bartholomew School in Eynsham will experience rising demand over the next few years. It is currently expanding by one form of entry. Additional capacity will be needed to meet demand resulting from proposed additional development to the west of Eynsham and north of the A40 at Eynsham Garden Village. This could be in the form of a second site for Bartholomew School within the West Eynsham development.

### Rest of District

- 4.24 The Marlborough School in Woodstock is expected to experience rising demand over the next few years and it is likely that the school will need to expand by one or two forms of entry.
- 4.25 There is some flexibility within existing secondary schools elsewhere to accommodate modest amounts of new development. Given the scale and distribution of growth envisaged through the Main Modifications Local Plan it is not expected that there will be any significant capacity issues arising in the more rural parts of the District although some alterations/extensions may be required and the position will be reviewed regularly.

### FURTHER AND HIGHER EDUCATION

- 4.26 Abingdon and Witney College offers part time and full time further and higher education courses – including GCSEs, foundation degrees and degree courses, apprenticeships and vocational courses. The college also works with secondary schools offering part time courses for 14-16 year olds.
- 4.27 The College has put forward various schemes of redevelopment and refurbishment including upgrades to the College's engineering building . The college aims to upgrade all accommodation in the medium to long term and has plans to construct new buildings such as a new Advanced Technology Centre.

### SPECIAL SCHOOLS

- 4.28 Just over 1% of Oxfordshire Pupils attend Special Educational Needs schools. Other children benefit from specific resources within mainstream schools.

- 4.29 There is one special school in West Oxfordshire, Springfield School in Witney, which caters for pupils with severe, profound and multiple learning difficulties aged 2-16 years. Primary provision is co-located with Madley Brook Community Primary School in purpose built accommodation (opened in 2003), including an integrated nursery. Secondary provision is in a purpose built facility (opened in 2005) on the Wood Green School site.
- 4.30 In addition, there is a special unit in Carterton Community College catering for pupils with complex learning difficulties, aged 11-16 and at the Marlborough CE School in Woodstock there is a specialist resource facility for pupils with physical disabilities and language and communication disabilities.
- 4.31 Demand for special school places is expected to grow broadly in line with the overall school population, and Oxfordshire County Council keeps all special schools under review to strategically plan for any necessary growth; it is not currently expected that this would require a new establishment in West Oxfordshire. Special schools are not catchment based; children with special needs attend the school which best meets their needs.
- 4.32 There are increasing numbers of children with autism in mainstream schools and a growing need for resource bases. The only such specialist resourced provision in West Oxfordshire is in Woodstock, and the County Council will consider whether a resource base is appropriate in any future schools.

#### ADULT LEARNING CENTRES

- 4.33 Adult learning centres are situated in Carterton and Chipping Norton with provision in Burford, Charlbury, Eynsham and Witney.
- 4.34 There is a deficit of Adult Learning services in Witney and it is a high priority to have an Adult Learning Centre in the town. Any new centre would need to be accessible to the whole community of Witney and the surrounding area and careful thought would need to be given to its location and available funding.

#### LEISURE AND SPORT

##### SPORTS CENTRES, SWIMMING POOLS, OUTDOOR SPORTS FACILITIES

- 4.35 Major sports facilities in the District are considered to be well within an acceptable travel time and distance for the residents in a rural district. However, some of the facilities are poor quality and there are some deficiencies which have been identified in the recent open space<sup>9</sup> and <sup>10</sup>playing pitch studies.

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<sup>9</sup> West Oxfordshire Open Space Study 2013

<sup>10</sup> Playing Pitch Strategy 2014



- 4.36 Many towns and villages have community halls or other facilities which provide for local sport and community recreation as detailed below:

### **Witney Sub-Area**

- 4.37 Witney's main sport and leisure facilities include:

- Henry Box School Sports Hall
- Wood Green School Sports Hall, Artificial Turf Pitch (ATP) and playing pitches
- Windrush Leisure Centre
- Witney Artificial Turf Pitch
- Leys Recreation Ground
- Witney Mill Cricket Ground
- King George V Playing Fields
- Burwell Recreation Ground
- West Witney Sports Ground
- Witney Rugby Club

- 4.38 Further pitch provision and facilities in Witney will be required as part of any Strategic Development Area in Witney. Playing fields and associated facilities, for community and school use are proposed as part of the West Witney Strategic Development Area. Funding is also proposed towards a Multi-Use Games Area (MUGA). Development to the north of Witney would also be required to include provision for further pitch provision and facilities. The topography and size of the proposed development to the east of Witney may render on-site provision of formal greenspace (pitches etc.) difficult and a financial contribution may be sought towards new facilities and/or upgrades to existing.

- 4.39 In terms of built indoor facilities, the District Council is investigating options and developing plans for the long term future of the Windrush Leisure Centre.

- 4.40 The existing site is constrained, limiting future expansion and a new site is likely to be needed in an accessible location. There are no obvious sites available within the town at present and the capital cost of a new leisure centre is likely to be £22 - 25m.

- 4.41 The financial return from any redevelopment or re-use of the existing site will be highly significant but other external funding such as lottery funding and/or developer contributions are likely to be required.

### **Carterton Sub-Area**

- 4.42 The main sports and leisure facilities in Carterton are:

- Carterton Leisure Centre
- Monahan Way football pitches and cricket square
- Carterton Community College Sports Hall

- Carterton Artificial Turf Pitch (3g)
  - Carterton Community Centre
  - Swinbrook Road Recreation Ground and Squash Courts
  - Carterton Football Club
  - Carterton Bowls Club
- 4.43 Recent and future growth of the town, including the expansion of RAF Brize Norton is creating additional demands on leisure space in Carterton and there are several unmet demands for further sports hall provision and additional pitch provision.
- 4.44 The Council's Playing Pitch Strategy 2014<sup>11</sup> advises that within the Carterton Sub-Area an additional full size artificial grass pitch, or equivalent, should be provided, based on the existing population and the best solution may be 2 half size pitches. The Council's leisure service estimates that at least two additional pitches and associated facilities would be required to meet demand with improved provision at other locations. This demand is proposed to be met by additional outdoor pitches and associated facilities as part of the committed urban extension to the east of Carterton.
- 4.45 Phase 2 of Carterton Leisure Centre is proposed to include floodlit 5/7 a side football courts, a larger second hall for dance, aerobic and martial arts use and squash courts. The extension of the leisure centre will cost in the region of £5m and will be secured through a combination of funding, including lottery and developer funding, some of which has already been secured.

### **Chipping Norton Sub-Area**

- 4.46 The main sports and leisure facilities in the Chipping Norton area include:
- Chipping Norton Leisure Centre
  - Greystones Leisure Facility
  - Chipping Norton Lido (Outdoor Pool)
  - Chipping Norton Football Club
  - Chipping Norton Cricket Club
  - Kingham Hill School Sports Centre
- 4.47 Chipping Norton now has a 'made' neighbourhood plan. This further informs future leisure needs in the town. The main need would appear to involve bringing local sports clubs together to agree what facilities are needed and can realistically be progressed. This process is likely to conclude that an all-weather pitch for football and rugby is required and that opportunities for the future of the Greystones site should be explored.
- 4.48 The Council's Playing Pitch Strategy 2014 advises that within the Chipping Norton Sub-Area the provision of a full-size AGP (or equivalent) is required based on the existing population. This might be comprised of two half-size pitches, but the ideal solution is one full-sized pitch. The best location might

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<sup>11</sup> <http://www.westoxon.gov.uk/media/765284/Playing-Pitch-Strategy-2014.pdf>

be on the dual use Chipping Norton School campus. A shorter pile 3G surface would meet the training needs of both local football and rugby clubs.

### **Eynsham – Woodstock Sub-Area**

- 4.49 The main facilities are located at Eynsham and Woodstock as the two larger settlements in this area.
- 4.50 Eynsham has the following main facilities:
- Bartholomew Sports Centre
  - Eynsham Artificial Turf Pitch
  - Eynsham Village Hall
  - Eynsham Recreation Ground
  - Eynsham Cricket Club
- 4.51 Within Woodstock the main facilities are:
- Marlborough School Sports Hall
  - Outdoor pool
  - Tennis and Bowls Club
  - Community Centre
  - Old Woodstock Town Football Club
- 4.52 The District Council's priority in Woodstock is to support the community in looking at the feasibility of an outdoor floodlit training area or ATP plus additional changing accommodation and will assist in maximising any external funding opportunities.
- 4.53 Given the scale of development proposed within the Woodstock and Eynsham Sub-Area the Council will need to work with the respective Town and Parish Councils to determine the current and future needs for sport and leisure provision locally. Eynsham has an emerging neighbourhood plan which should be able to assist in determining local needs.

### **Burford – Charlbury Sub-Area**

- 4.54 There are football, cricket, bowls and tennis facilities at the Nine Acres Recreation Ground in Charlbury and facilities at Burford School and Burford Recreation Ground.
- 4.55 Burford School (secondary) aspire to provide an ATP primarily for hockey. Once provided, a good programme of community use will help meet needs in this area, although further changing facilities may be needed. Provision of an ATP also provides an opportunity to re-programme community use of the sports hall to widen participation.

## **HEALTH**

### **PRIMARY HEALTHCARE**

4.56 Discussions with Oxfordshire Clinical Commissioning Group (OCCG) were carried out in October/ November 2016. OCCG explained that they are in the middle of a country-wide health service review, known as the Oxfordshire Transformation Programme. This Programme will consider future provision of healthcare in Oxfordshire and consultation is due to be carried out from January 2017. As such, some aspects of healthcare provision and how these are provided may change in the future.

4.57 OCCG have also flagged up at this stage that any development aimed at people with an enhanced need for primary care (for example assisted living, care/nursing homes) are likely to represent an additional workload for GPs and will impact on the capacity of a practice to accommodate growth.

4.58 OCCG have provided further comments in relation to the following key areas:

#### Witney

4.59 Since the preparation of the 2015 IDP, primary health care provision in Witney has changed due to the expiration of the Deer Park Surgery contract, which is due to close by the end of March 2017. In order to absorb planned growth, existing health care provision will need to be expanded in Witney and a review is currently being undertaken by the OCCG.

#### Carterton

4.60 Capacity of the three Carterton surgeries will need to be monitored going into the future. However, improvements/ extensions to these are likely to be required in order to accommodate planned growth.

#### Chipping Norton

4.61 A new primary health care centre on London Road in Chipping Norton is now completed and this replaces the two existing surgeries in Chipping Norton known as the White House Surgery and West Street Surgery. Overall, this will provide sufficient capacity to support planned growth including the proposed strategic development site to the east of the town, although some upgrades may be necessary including additional parking provision.

#### Eynsham

4.62 The level of growth proposed on land to the west of Eynsham and to the north of the A40 near Eynsham (Garden Village) is unlikely to be able to be accommodated within existing practice capacities. The upgrades necessary to support growth will need to be reviewed by the OCCG and future iterations

of the IDP will be updated accordingly. Further consideration to this issue will be given through a masterplan and Area Action Plan (AAP).

#### Woodstock

- 4.63 There are early discussions underway regarding the relocation of the Woodstock Practice as the existing site is constrained and parking is limited. A site has yet to be confirmed, although the costs of relocating the surgery have been estimated to be in the region of £4.5m.

#### Burford - Charlbury

- 4.64 OCCG have confirmed that additional growth should be able to be accommodated within existing capacities although this will need to be reviewed going forward.

#### SECONDARY CARE

- 4.65 Secondary care is in most cases provided by Oxford University Hospitals NHS Trust, generally from one of the hospitals in Oxford. However it is NHS policy to increase the commissioning of care types in GP surgeries and other community settings which have traditionally been provided in acute hospitals, to improve access for patients. For example the ground floor of the Windrush Health Centre in Witney is in part a base for community services including podiatry and in part clinical space for locally commissioned services such as endoscopy and other visiting consultant clinics.
- 4.66 No specific future requirements for secondary care provision have been identified at this stage to support the level of growth identified in the emerging Local Plan.

#### TERTIARY HEALTHCARE

- 4.67 Tertiary care is specialised consultative healthcare, often for patients who have been referred by a primary or secondary health care professional. Examples include specialist hospitals such as those dealing with children or people with mental health issues. There are currently no tertiary health care facilities in West Oxfordshire, the nearest being located in Oxford.
- 4.68 No specific future requirements have been identified at this stage to support the level of growth identified in the emerging Local Plan.

#### COMMUNITY HEALTHCARE

- 4.69 There are two community hospitals in West Oxfordshire, the Witney Community Hospital and the Chipping Norton Community Hospital which also has a maternity unit.
- 4.70 No specific future requirements for community healthcare provision have been identified at this stage.

## **PUBLIC SAFETY**

### **POLICE**

- 4.71 Policing in West Oxfordshire is the responsibility of Thames Valley Police (TVP), the largest non-metropolitan police force in England and Wales, covering Berkshire, Buckinghamshire and Oxfordshire and serving more than 2 million people. The TVP force area is divided into 14 Local Policing Areas (LPAs) of which West Oxfordshire is one.
- 4.72 Within West Oxfordshire, TVP work on a neighbourhood basis with 15 neighbourhoods currently defined covering Witney (6), Carterton/Bampton/Burford (3), Chipping Norton (3), Woodstock (2) and Eynsham (1).
- 4.73 A number of measures to improve police related facilities/ equipment have been identified by TVP, including the internal adaptation of Witney Police Station TVP are also working closely with Oxfordshire Fire and Rescue Service regarding a new joint facility at Carterton and sharing existing space in Woodstock to provide appropriate space to meet the demands of future growth.
- 4.74 In addition, on strategic residential development sites consisting of approximately 1,000 dwellings or more, on-site infrastructure including potential on-site drop-in “neighbourhood offices” may be required. The proposed developments to the north of Witney (1,400 homes), Garden Village (2,200 homes), west of Eynsham (1,000 homes) and East of Chipping Norton (1,400) are therefore likely to trigger such a requirement.

### **FIRE & RESCUE**

- 4.75 Oxfordshire Fire and Rescue Service (OFRS) is organised around 3 Fire Risk Areas covering the County. There are 7 fire stations in West Oxfordshire. Currently these are located on Welch Way, Witney, Burford Road, Chipping Norton, Hensington Road, Woodstock, Station Road, Eynsham, Sturt Road, Charlbury, Witney Street, Burford and New Road, Bampton.

#### **Witney**

- 4.76 Witney has a good level of fire provision capable of meeting the requirements associated with planned growth and there are no current plans to move the fire station from the current Welch Way site.

#### **Carterton**

- 4.77 Due to the intensification of activity at RAF Brize Norton and the level of future growth identified in the emerging Local Plan, it has been identified that a future fire station in Carterton will be required in the next five years.

- 4.78 Oxfordshire County Council Fire and Rescue Service have identified in their Draft Community Risk Management Plan (CRMP) 2015-16 that the introduction of additional emergency cover in Carterton has the potential to improve the overall response time standards for the area. The option to build a new station has been informed by detailed analysis of the current and future development of the town and the increased risks to the community.
- 4.79 A site for the new station has been provisionally identified on land to the east of Carterton as part of the strategic site for 700 homes.

#### Rest of District

- 4.80 A further consideration is the long term sustainability of the Bampton and Burford fire stations.
- 4.81 The County Council will continue to evaluate and assess risk throughout West Oxfordshire and the rest of the county through a Community Risk Management Plan (CRMP) which sets out what the County Council aim to achieve, including the priorities they will focus on and the high level measures and targets which will let them know if they are on track to deliver.

#### AMBULANCE

- 4.82 West Oxfordshire is covered by the South Central Ambulance Service (SCAS) NHS Foundation Trust.
- 4.83 Within West Oxfordshire, there are ambulance standby points in Witney and Chipping Norton.
- 4.84 The District is also covered by the air ambulance service for Berkshire, Buckinghamshire and Oxfordshire which is a separate organisation.
- 4.85 Discussions with SCAS have been held and the need for additional ambulance standby points has been identified to provide for the level of growth identified in the Local Plan. An ambulance standby point consists of a ground floor room with a tea point and toilet facilities along with parking for an ambulance and another vehicle. It is likely that 2-3 additional standby points will be required across the District, each of which is 'manned' by nine paramedics.
- 4.86 It is unlikely that a new ambulance resource centre will be required although this will be reviewed throughout the Plan period.

#### ARMED FORCES

- 4.87 West Oxfordshire is home to RAF Brize Norton, the largest RAF station in the UK, located between Carterton and Brize Norton village.
- 4.88 RAF Brize Norton is being expanded and will become the single air movement base for the military in the UK as RAF Lyneham has now closed.

- 4.89 The expansion means that more troops and their families have moved to the local area. The MOD is progressing the redevelopment of older areas of MOD housing to meet the needs of service families. Two areas of housing currently have planning permission for redevelopment and replacement. Some additional housing and a significant amount of additional Single Living Accommodation is being provided on the base. Although positive for the local economy, the influx of personnel has implications for local infrastructure provision, notably education, sports facilities and pitch provision which are considered elsewhere in the IDP.
- 4.90 Operational development on the base is not typically subject to planning control. Such development may however have significant implications for transport, flood risk and other infrastructure in the local area. The Council will work with the RAF and MOD to address infrastructure issues.

## **COMMUNITY AND CULTURE**

### **CHILDREN'S CENTRES AND EARLY INTERVENTION HUBS**

- 4.91 There are six children's centres in West Oxfordshire.
- 4.92 Children's centres provide a variety of advice and support for parents and carers. Centres are intended to be the first, local port of call when a mother, father or carer needs help or advice. Some offer wider services including dentist, dietician or physiotherapist, stop smoking clinic, citizen's advice, parenting classes and language services.
- 4.93 'Early Intervention Hubs' provide a venue to work with children, young people and their families through youth sessions normally delivered in the evenings and weekends. Outreach services are also delivered from the 'hub' in satellite locations and other community locations.
- 4.94 There is one early intervention hub in West Oxfordshire which is based at the Witney Young People's Centre on Witan Way.
- 4.95 Where new schools or community centres are required, the Council will consider whether they should incorporate facilities to support the 'satellite' delivery of children centres and/or early intervention services to meet the needs of the expanded population.

### **COMMUNITY CENTRES**

- 4.96 There are a number of community centres and halls throughout West Oxfordshire including Madley Park Hall which opened in 2011 as part of the Madley Park residential development and Carterton Community Centre located within the Shilton Park development at Carterton. Responsibility for owning and running the community centres within the District rests with a number of different bodies including local Town and Parish Councils, local churches and the voluntary sector. Community Facilities Grants are often



available to help fund improvements and extensions to community centres and other facilities and recent funding has been awarded to extend Warwick Hall in Burford and the Methodist Church in Bladon.

- 4.97 It is likely that any large-scale residential development including the proposed strategic development areas identified in the Local Plan Proposed Main Modifications will need to make suitable provision for new community facilities.

#### LIBRARIES

- 4.98 There are 11 libraries in West Oxfordshire which are the responsibility of Oxfordshire County Council. Carterton, Chipping Norton, Eynsham and Witney libraries have been designated as core libraries.
- 4.99 Chipping Norton library has been consistently identified as being unfit for purpose in terms of its size, internal configuration and access due to the location of the library.
- 4.100 In Charlbury there is a very long standing commitment to improve the library, which may be delivered as part of any future progress on the Spendlove Centre initiative.
- 4.101 It has been identified through discussions with Oxfordshire County Council that the level of growth proposed for Witney, Carterton, Chipping Norton, Eynsham and Woodstock will place additional pressures on these libraries and developer funding, alongside CIL, will therefore be sought to extend and refurbish these buildings.
- 4.102 In general terms, the level of growth proposed in Oxfordshire will place pressure upon all libraries and particularly the Central County Library in Oxford. Consequently Oxfordshire County Council will also request a contribution from new residential development towards local and central library provision.

#### MUSEUMS AND MUSEUM RESOURCE CENTRE

- 4.103 There are a number of museums and heritage centres in West Oxfordshire including:
- Bishop's Palace, Witney
  - Charlbury Museum
  - Chipping Norton Museum of Local History
  - Churchill and Sarsden Heritage Centre
  - Cogges Manor Farm
  - Combe Mill
  - Witney and District Museum
  - Oxfordshire Museum, Woodstock
  - Museums Resource Centre, Standlake

- 4.104 The Oxfordshire Museum at Woodstock and Museum Resource Centre at Standlake are run by Oxfordshire County Council and the other establishments are generally run by a mixture of societies, trusts and volunteers.
- 4.105 Oxfordshire County Council will continue to seek contributions from new residential development towards their Museum Resource Centre.

#### THEATRES/ ARTS CENTRES

- 4.106 There is one theatre in the District at Chipping Norton which is supported by the District Council but run by local people. There are discussions underway regarding the future provision of an Arts Centre in Witney.
- 4.107 The Council will seek to improve access to such facilities for residents and visitors and this may involve new build, refurbishment and conversion.
- 4.108 Where appropriate, provision will also be sought for production, rehearsal and education space for arts. This also includes spaces which could encompass media and recording studios, incubation spaces for small arts businesses and sole traders and facilities which are used by learning providers and community groups.

#### COMMUNITY ART

- 4.109 Community Art is defined as a process of engaging artists' creative ideas in the public realm. It is always site specific and can take many forms that may include traditional sculptures as well as integrated purposeful features such as benches, paving and furniture. Over recent years community art has also been more widely seen as temporary events and activities.
- 4.110 For some years West Oxfordshire District Council has sought the provision of community art as part of major new developments, particularly in town centres, leisure centres and residential areas. This has been funded by developers and covers not only the provision but also the management and future maintenance of art.
- 4.111 The Council will continue to seek the incorporation of community art as part of major developments and town centre developments, where appropriate.

#### SOCIAL CARE

#### SUPPORTED ACCOMMODATION

- 4.112 By 'supported' accommodation we mean that which is provided for people with particular needs. Examples include care homes and nursing homes, sheltered housing and extra-care housing plus other forms of supported accommodation including that which is provided for vulnerable adults and people with disabilities.

- 4.113 There are a number of existing supported accommodation facilities in West Oxfordshire including residential care homes, nursing homes, age exclusive and sheltered housing and extra care. There are also some existing facilities for vulnerable adults, people with learning disabilities and mental health issues within the District.
- 4.114 Local demographic projections show not only an increase in the size of the population and in the number of households but also a significant growth in the number of older people. In West Oxfordshire, the number of people aged 55 and over is expected to increase by 54% over the next twenty years<sup>12</sup>. Whilst not all older person households will want to downsize as many will wish to retain their family home, due to health issues associated with ageing there is likely to be a requirement for specialist housing options moving forward. It has been identified in the Oxfordshire SHMA (April 2014) that this need will be highest in West Oxfordshire mainly due to a rapidly growing older person population, and the County Council has published an Extra Care Housing Strategy which aims to deliver 55 units of extra-care housing per 1,000 population aged 75 or over. This rate is to meet an expected demand across West Oxfordshire of 945 units by 2031.
- 4.115 The County Council has identified that as well as need for Extra Care Housing in Witney, Carterton and Chipping Norton, there is also need in Burford, Bampton, Long Hanborough, Charlbury, Eynsham and Woodstock. To cater for this increased need, a number of residential care homes and extra-care housing schemes have been granted planning permission over recent years and this trend is likely to continue. This will require continuation of joint working arrangements with health care providers and the County Council.

#### OLDER PERSONS DAY CARE SERVICES

- 4.116 Small day centres for older persons operate in towns and villages throughout the County, usually on a Monday to Friday basis, although some open on a Saturday. These centres are supported by Oxfordshire County Council and run by a variety of organisations such as Age UK.
- 4.117 Oxfordshire County Council supports eight health and wellbeing resource centres across the County supporting primarily older people but some also support adults with physical disabilities and mental health problems of all ages.
- 4.118 In addition, Oxfordshire County Council supports a number of other services for adults with mental issues and those with learning disabilities. In Witney these form part of the Witney Resource Centre but there are other separate centres in Carterton and Chipping Norton.

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<sup>12</sup> Oxfordshire Strategic Housing Market Assessment 2014

- 4.119 The County Council will seek the provision of new community buildings for day care services as part of strategic development areas in Witney to enable the delivery of Tier 2 day care services.

### **CRIMINAL JUSTICE**

- 4.120 West Oxfordshire falls within the Thames Valley Community Rehabilitation Company (CRC) one of 21 CRCs in England and Wales. Together with HM Prison Service, Thames Valley CRC forms part of the National Offender Management Service (NOMS) which falls under the Ministry for Justice.

### **COURTS (COUNTY, MAGISTRATES, CROWN)**

- 4.121 Following the closure of the Magistrate's Court in Witney, there are no courts in West Oxfordshire. The nearest County and Crown Courts are located in Oxford.
- 4.122 There are no identified future requirements in West Oxfordshire.

### **PROBATIONARY AND PRISON SERVICE**

- 4.123 There are no probation offices in West Oxfordshire, the nearest being Oxford, Bicester and Banbury. There are no prisons either, the nearest being Bullingdon Community Prison at Bicester.
- 4.124 There are no identified future requirements in West Oxfordshire.

## **5 PART C - GREEN INFRASTRUCTURE**

- 5.1 Green Infrastructure is defined as a network of multi-functional green space in both urban and rural settings. It fulfils a wide variety of environmental, social and economic functions and plays a part in adapting to and mitigating climate change.
- 5.2 Green Infrastructure can include nature reserves, designated sites, recreational grounds, parks and open spaces, public rights of way, allotments, cemeteries and many other green areas such as woodlands and even street trees.
- 5.3 In order to inform this section of the Plan, the following bodies/ officers have been consulted and asked to provide information regarding future green infrastructure projects which they are aware of or are involved in:
- The Wychwood Project
  - The Lower Windrush Valley Project
  - Berks, Bucks & Oxon Wildlife Trust
  - Historic England – Historic Environment Planning Advisor
  - County Council - Ecologists
  - County Council - Countryside Access Strategy and Development Officer
  - West Oxfordshire District Council - Landscape and Forestry Officer

- West Oxfordshire District Council – Conservation Team
  - Wild Oxfordshire – Oxfordshire’s local nature partnership
- 5.4 The information provided has been woven into this document where possible. Further work to identify Green Infrastructure projects throughout the County is being coordinated by the County Council in collaboration with other bodies. The intention is to produce a county-wide Green Infrastructure framework and it is hoped that this work will feed into the Council’s IDP once completed.
- 5.5 Whilst Green Infrastructure projects will be funded through many different funding streams which may include contributions provided through CIL, it is important to list these so that they can be considered for possible funding at the appropriate time.

## **NATIONAL/REGIONAL**

### **GREEN BELT**

- 5.6 The Oxford Green Belt covers an area of 1610.4ha to the eastern edge of West Oxfordshire. There is limited existing development within the Green Belt, comprising primarily agricultural land. The only villages that lie within Green Belt are Cassington and Bladon.
- 5.7 There are no current plans to redefine the Green Belt boundary in West Oxfordshire and any development activity taking place within the Green Belt will be guided by a combination of the Local Plan and the National Planning Policy Framework (NPPF). In order to meet the level of housing need identified for Oxford City in the Oxfordshire SHMA (2014) a study of the Green Belt boundary has been conducted which the District Council has been fully involved with. This process has been in accordance with the duty to co-operate and the statement of co-operation that all of the Oxfordshire Districts signed up to.

### **AREA OF OUTSTANDING NATURAL BEAUTY (AONB)**

- 5.8 The Cotswolds was designated an Area of Outstanding Natural Beauty (AONB) in 1966 in recognition of its rich, diverse and high quality landscape. It is the largest of 40 AONBs in England and Wales. A review of the boundaries in the 1980s resulted in a three-fold increase in the AONB in West Oxfordshire, now covering an area of 24,379ha of the District.
- 5.9 There are no plans to review the boundary of the Cotswolds AONB. Great weight will be given to protecting landscape and scenic beauty, as well as the conservation of wildlife and cultural heritage. Development and conservation activity in the area will continue to be guided by the adopted and emerging Local Plan, the Cotswolds AONB Management Plan and the Cotswolds Conservation Board Business Plan Work Programme.

- 5.10 Financial contributions will be sought towards this work programme from development within or affecting the AONB, where appropriate, including through CIL when introduced.

#### SPECIAL AREAS FOR CONSERVATION (SAC)

- 5.11 SACs are areas which have been given special protection under the European Habitats Directive, to provide increased protection to a variety of wild animals, plants and habitats.
- 5.12 There is one area designated as a Special Area of Conservation in West Oxfordshire at Cassington Meadows, which forms part of the Oxford Meadows SAC. The area covers 6.96 ha and has been designated for the protection of the rare 'Lowland Hay Meadow' habitat.
- 5.13 A District wide Habitats Regulation Assessment (HRA)<sup>13</sup> has been undertaken to assess the impact of planned growth on Natura 2000 or European sites (Special Areas of Conservation (SACs), Special Protection Areas (SPAs) and Ramsar sites, either in isolation or in combination with other plans and projects, and to devise appropriate mitigation strategies where such effects are identified.

#### NATIONAL NATURE RESERVES (NNR)

- 5.14 National Nature Reserves are areas designated for the importance of their biological or geological interest. NNRs are owned or leased by Natural England, or bodies approved by them, or are managed in accordance with Nature Reserve Agreements with landowners or occupiers.
- 5.15 There are 2 NNRs in West Oxfordshire: Wychwood NNR and Chimney Meadows NNR.
- 5.16 Wychwood NNR in central West Oxfordshire is the largest continuous area of ancient broadleaved woodland in Oxfordshire. The designation covers an area of 263 ha and lies within a large Site of Special Scientific Interest (SSSI). It forms part of the private country estate of Cornbury Park.
- 5.17 Chimney Meadows NNR on the southern edge of the District covers an area of approximately 50 hectares and is protected for its species rich floodplain meadow habitat.
- 5.18 Funding will be sought where appropriate towards improving the management of the NNR sites and expanding their setting/buffer as well as towards improving public accessibility, where suitable.

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<sup>13</sup> Habitats Regulations Assessment December 2014 (and updated October 2016)

### SITES OF SPECIAL SCIENTIFIC INTEREST (SSSI)

- 5.19 A Site of Special Scientific Interest (SSSI) is a national conservation identification denoting a protected area of land of special interest by virtue of its fauna, flora, geological or physiographical/geomorphological features.
- 5.20 There are 29 SSSIs in West Oxfordshire covering an area of approximately 1,119 hectares. The SSSIs comprise a wide range of habitats of varying quality, however 706 ha is in unfavourable recovering condition with management plans in place to improve their condition.
- 5.21 Contributions from new development will be sought, where appropriate, towards measures to protect SSSIs in the District.

### ANCIENT WOODLANDS

- 5.22 Ancient semi-natural woodland are places which have had a continuous woodland cover since at least 1600 AD and have only been cleared for underwood or timber production.
- 5.23 Ancient woodlands in West Oxfordshire cover an area of approximately 2,241ha. Contributions from new development will be sought, where appropriate, towards measures to protect and enhance this network.

### HISTORIC PARKS AND GARDENS

- 5.24 There are 16 parks and gardens of historic interest in the District that are listed on Historic England's (previously English Heritage) database of nationally designated heritage assets. Blenheim Palace is also registered as a World Heritage Site, in recognition of its outstanding international importance.
- 5.25 These parks and gardens are a valuable asset and are a key aspect of the District's historic character. They cover large areas of land and are therefore an important element within the local green infrastructure network.
- 5.26 Historic England provides grant aid for restoration projects of Grade I and II\* sites. Funding may also be available from the Heritage Lottery Fund and other grants such as the Countryside Stewardship Schemes. Contributions from new development will also be sought where appropriate. This will include revenue from CIL when introduced.

### SUB-REGIONAL/DISTRICT

#### THE WYCHWOOD PROJECT

- 5.27 The Wychwood Project aims to encourage local people to understand, conserve and restore the Wychwood Forest Area and its rich mosaic of landscapes and wildlife habitats through a wide range of activities.

5.28 The District Council has contributed to the core project costs since the inception of this initiative. However, in order to maintain the current level of services and outputs, alternative sources of project funding will be required. Charitable donations, local fundraising and external grants, for example, are already being pursued. Contributions from new development will also be sought where appropriate.

5.29 Projects included in Part C of Appendix I have been identified by The Wychwood Project and some further information about the projects areas are detailed below:

- Foxburrow Wood is a 22 acre community woodland created by the Wychwood Project, a local charity, on the northern edge of Witney. The woodland is open to public access throughout the year and as demand to use this new green space increases, there will be ongoing demands for further improvements.
- Grimes Meadows are 14 acres of ancient riverside meadow in the heart of Witney owned and managed by the Wychwood Project. The meadows are managed for their biodiversity interest. The Wychwood Project is in the process of reinstating appropriate management and additional funding is required to complete the outstanding works to further improve the condition of the meadows..
- Langel Common is part of the historic riverside meadow complex in the heart of Witney and is covered by the Windrush in Witney strategy. The visually important wrought iron railings alongside the well-used public path are in need of repair and replacement.
- Wigwell Nature Reserve in Charlbury is of importance for its rare and diverse limestone flora and is open for permissive public access. The lease for the site has recently been transferred to the Wychwood Project. Ongoing conservation and public access improvement works are required to maintain its special characteristics.
- Dean Common is a sand and gravel pit near Chadlington that has been restored to community woodland. The site is in need of thinning to promote development of the woodland and refurbishment of gates and site fencing.
- Woodstock Water Meadows are ancient flood meadows between Old and New Woodstock and an important wildlife and public access asset. Ongoing support is needed to implement the Water Meadows management plan which is being overseen by the Wychwood Project.
- Deer Park Wood is an 11 acre site owned by WODC and it is located along Deer Park Road in West Witney. The site has been managed by volunteers as a community woodland for approximately 6 years and it has been significantly enhanced by the planting of 800 trees and shrubs, the



creation of paths and wildflower beds as well as by regular cutting back of vegetation and grass.

### LOWER WINDRUSH VALLEY PROJECT

- 5.30 The Lower Windrush Valley is an area of major landscape change associated with sand and gravel extraction which has many features of landscape and biodiversity value. It contains a diverse range of after uses, mostly associated with lakes created from the former sand and gravel pits.
- 5.31 The Lower Windrush Valley Project focuses on improving access to the countryside, recreation and educational opportunities, landscape and nature conservation along with improvements to the archaeological heritage of this area. The project area covers 2,800 ha in the Windrush valley between the A40 in Witney and the River Thames at Newbridge.
- 5.32 The project area includes two Sites of Special Scientific Interest (SSSI) which protect small areas of rare, species-rich lowland meadow habitat. Ducklington Mead, renowned for its snake's head fritillaries and Langley's Lane SSSI protects declining lowland meadow species such as green winged orchids.
- 5.33 Rushy Common and Standlake Common Nature Reserves were created by gravel extraction and are now managed by the LWVP. There is a strong focus on habitat management for birds but these reserves also provide a wide range of habitats that support a wealth of wildlife. Tar Lakes, opposite Rushy Common Nature Reserve, was designed with footpaths that enable access for all and link to the wider network of public rights of way.
- 5.34 The Lower Windrush Valley Project works with key partners to co-ordinate, deliver and help manage a range of initiatives in the project area. These projects are likely to be long term and contributions from new development towards the project will be sought where appropriate.

### WINDRUSH IN WITNEY PROJECT

- 5.35 In 2005, the District Council set up a project focussed on the Windrush Valley as it passes through the town. The project looked at the important remnants of open spaces left following the growth of other parts of the town.
- 5.36 The Strategy includes a list of practical projects to be implemented as and when opportunities arise or by seeking external sources of funding. Many improvements have been made through negotiations as part of planning proposals and local volunteers have played an important role in helping to improve the management of the area.
- 5.37 There are further capital projects that the Council wishes to implement in the future as resources or opportunities allow. Contributions from new development towards this project will be sought where appropriate. This may include revenue from CIL when introduced.

## CONSERVATION TARGET AREAS

- 5.38 Conservation Target Areas (CTAs) are one of the main mechanisms for delivering Oxfordshire's Biodiversity Action Plan (BAP) habitat targets. The main aim is to restore biodiversity at a landscape-scale through the maintenance, restoration and creation of BAP priority habitats.
- 5.39 Of the 36 CTAs across the County, ten fall either in full, or partly, within West Oxfordshire.
- 5.40 Delivery of CTA aims is co-ordinated by Wild Oxfordshire, who co-ordinate biodiversity and river catchment working groups. Where appropriate, development will be expected to contribute towards the aims of the CTAs. For example, within new developments we will require suitable on-site provision/management of land that meets the CTA aims and/or we will seek financial contributions for off-site works within nearby CTAs.

## RIVER CATCHMENTS

- 5.41 Three of the six river catchments or sub-catchments in the county fall either fully, or partly, in West Oxfordshire. These include a large portion of the Windrush and Evenlode catchments and a portion of the Cherwell catchment.
- 5.42 The Catchment Partnerships in the district are co-ordinated by Wild Oxfordshire (Evenlode) and BBOWT (Lower Windrush / Cherwell portion). The Catchment Partnerships are working with key stakeholders to agree and deliver strategic priorities to benefit biodiversity, water quality and flood alleviation across the district. An example is the recently established natural flood management demonstration project in the Evenlode Catchment. Some of these projects have been included in Appendix I.

## LOCAL WILDLIFE SITES (LWS)

- 5.43 Local Wildlife Sites have been allocated for their wildlife value in a county context.
- 5.44 There are 98 LWS in West Oxfordshire, covering a total land area of 1,433 ha. They cover a wide variety of habitats and locations and the bulk of the sites are privately owned. Sites are monitored and reviewed by a Local Wildlife Sites Partnership (run by BBOWT and the Thames Valley Environmental Records Centre) who also offer land management advice to the site owners.
- 5.45 Contributions from new development will also be sought to continue the effective management and monitoring of these sites where appropriate.

## LOCAL GEOLOGICAL SITES

- 5.46 Local Geological Sites are non-statutory protected sites, selected on a local basis according to a range of nationally agreed criteria including the value of the site for educational purposes and for study by both amateur and professional Earth scientists,
- 5.47 There are 17 such sites in West Oxfordshire covering an area of approximately 347 ha and contributions from development may be sought towards maintenance of these sites where appropriate.

## GREEN CORRIDORS, INCLUDING RIVER CORRIDORS

- 5.48 There is an extensive network of public rights of way throughout the District as well as a broad reaching network of river corridors, particularly in the south of the District. Green corridors cover a total distance of 1,816 km in the District, however many of these routes are disconnected and made harder to use because of roads and traffic.
- 5.49 As West Oxfordshire lacks extensive areas of public open space, the green corridors, and network of public rights of way, are a particularly valuable asset for cyclists, walkers, horseriders.
- 5.50 Many cyclists make use of bridleways and quiet roads and there are more than twenty cycle routes specifically within West Oxfordshire promoted by the Oxfordshire Cotswolds. In addition, there are two proposed National Cycle Routes in the district: NCR 57 from Oxford to Witney and NCR 442 (Cotswold Line Cycle Route) from Oxford to Hanborough.
- 5.51 New commuting and leisure routes are being investigated, with the feasibility of creating a cycleway between Bampton and Witney and between Bampton and the Thames Path. New routes to Hanborough Station will also be investigated as part of the Garden Village proposal north of the A40 near Eynsham. Improving connections from the Thames Path National Trail to nearby settlements using public rights of way and quiet roads would greatly enhance this asset. In addition, this would benefit equestrianism which is a growing leisure activity in West Oxfordshire.
- 5.52 Contributions from new development will be sought, as appropriate, towards measures to protect and enhance the green corridor network for all users.

## OTHER GREENSPACE – FORMAL

- 5.53 There are numerous areas and sites without a designation but which individually or cumulatively are equally as valuable to local communities. Areas with more formal specific uses include children's play areas, country parks, allotments and cemeteries.
- 5.54 Contributions towards additional and/or improved provision will be sought through new development as appropriate including the proposed strategic

development areas. Land at East Carterton for example will provide a green buffer to Brize Norton Village which will form an extension to the Kilkenny Lane Country Park.

- 5.55 There are numerous other projects throughout the District which fall into this category and, whilst only a limited number can be identified, where initial work has been carried out to establish the likely costs of a project, this can be presented for inclusion into the IDP, which will be reviewed annually. The identified projects could then attract CIL funding to supplement other funding mechanisms. One such project which has been identified involves the repair and restoration of listed memorials, including chest tombs, in the churchyard of St Mary's Church in Witney.
- 5.56 The churchyard contains 110 listed memorials, many of which are in a poor state of repair, and a small number of which are considered to be a danger to the public. While making these safe addresses an immediate health and safety issue, there remains the issue of the generally poor condition of the listed memorials, many of which are associated with the local wool trade, and which not only form a highly significant group in their own right, but which are fundamental to the setting of the Grade-I listed church in the most sensitive part of the Conservation Area. As such, the restoration of the monuments – and in particular of the finer chest tombs – is considered to be a worthy cause.
- 5.57 The costs of the works will depend on the extent of repair and restoration works; however this has been estimated to be in the region of £10,000.

#### OTHER GREENSPACE – INFORMAL

- 5.58 Most areas of green space generally perform a variety of functions. Open space can range from small areas of amenity land in new housing areas, to larger multi-functional green areas. In addition it can include historically and culturally important areas like Church Greens in Witney. In smaller settlements village greens can fulfil a similar function.
- 5.59 Natural England's standards for the provision of accessible natural green space show widespread deficiencies in large areas of West Oxfordshire. Other recent studies also identify deficiencies in green infrastructure in the District, such as allotments.
- 5.60 Woodlands and non-woodland trees and hedgerows make an important contribution to the landscape and character of West Oxfordshire. Some woodlands are also used for informal recreation. In recent years, there has been a number of new community woodlands planted, for example at Hailey, Eynsham and Woodstock. Common land is also a valuable resource in the District. There are currently approximately 19.5 ha of commons in the District.

- 5.61 The Council will make use of national and local<sup>14</sup> standards/good practice and, where appropriate developer and CIL contributions to ensure new development provides or contributes towards the provision of improvements to the District's network of green infrastructure, particularly where stakeholders/partnership projects already exist or are emerging. A new woodland and tree strategy for Oxfordshire '*In and Nutshell*' is being developed and it is hoped will help to focus action. Urban fringe areas provide an especially important potential resource for delivering leisure opportunities close to where people live.
- 5.62 Finally, Sustainable Urban Drainage Schemes (SUDS) such as ponds and swales are increasingly used to manage the flow of water from new developments and will also form part of the district's future green infrastructure. Ongoing management of SUDS is required for these features to fulfil their intended function in the long-term and provide wider benefits and should form part of the development site negotiations.

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<sup>14</sup> West Oxfordshire Open Space Study 2013

## Appendix I – Schedule of Future Infrastructure Requirements

### Part A – Physical Infrastructure

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Highway Improvements</b>							
Downs Road/A40 junction improvements, Witney	Landowners OCC WODC	£6.1m (2012)	£1.25m held (S106)	£4.85m	S106 (West Witney SDA)	Critical 2016 – 2018	The scheme is a prerequisite of development at West Witney
Shores Green Slip Roads (SGSR) Witney	Landowners OCC WODC	£5.6m (2011)	£1.16m	£4.44	S106 (East Witney SDA)	Critical 2016 - 2021	The scheme is a prerequisite of development at East Witney
Improvements to Bridge Street and Staple Hall junction, Witney including public realm and traffic management measures.	Landowners OCC WODC	To be identified	None	To be identified	Currently S106  CIL (when introduced)	Necessary 2021 - 2023	To be delivered following the opening of the SGSR.
Improvements to Oxford Hill/Cogges Hill Road/Jubilee Way junction, Witney	Landowners OCC WODC	To be identified	None	To be identified	S106 (East Witney SDA) (S106)	Critical 2016 - 2021	Required to mitigate development at East Witney

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Re-designating the A4095 via Jubilee Way, Oxford Hill, A40 at Shores Green to Ducklington Lane and Thorney Leys.	OCC WODC	To be identified	None	To be identified	Currently S106  CIL (when introduced)	Necessary 2021 - 2023	To be delivered following the opening of SGSR
West End Link (WEL2), Witney	Landowners OCC WODC	£23.2m (2015)	None	£23.2m	To be facilitated by development of land at north Witney (S106)	Critical Long-term (2021 – 2026)	Necessary to support strategic growth to the north of Witney
Northern Distributor Road, Witney	Landowners OCC WODC	To be identified	None	To be identified	To be delivered by development of land at north Witney (S106)	Critical Long-term (2021 – 2026)	Necessary to support strategic growth to the north of Witney

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<p>Improve access by road to Carterton and RAF Brize Norton, to include:</p> <p>a) Improve B4477 Minster Road from Monahan Way to A40</p> <p>b) Upgrade B4477 to A Classification</p> <p>c) West facing slips at A40/ B4477</p>	OCC WODC Developers	<p>a) £3,954,276</p> <p>b) £150,000</p> <p>c) £7,276,583</p> <p>Total - £11,380,859 (2015)</p>	£1,720,000 secured and committed	£9.7m	<p>SI06</p> <p>LEP</p> <p>CIL (when introduced)</p>	Necessary 2016 - 2031	
General highway improvements in Chipping Norton. Remove Primary Route Status / National Lorry route from A44 and implement	OCC Glos County Council	To be identified	£20,797 towards transport/ highway infrastructure in Chipping Norton. £18,400 held towards zebra crossing on Over Norton Road Total - £39,197	To be identified	<p>SI06</p> <p>CIL (when introduced)</p>	Preferred 2016 – 2021	Would help to deliver improvements to the Air Quality Management Area (AQMA)



Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
associated weight restrictions in Chipping Norton centre			(\$106)				
East Chipping Norton Link Road	Developers, landowners Oxfordshire County Council	To be identified	None	To be identified	Delivered by development to the East of Chipping Norton (Tank Farm)	Critical Long-term (2021 – 2026)	Would alleviate traffic through the centre of Chipping Norton and help to deliver improvements to the Air Quality Management Area (AQMA)
West Eynsham Link Road	Developers, landowners Oxfordshire County Council	To be identified	None	To be identified	Delivered by development to the west of Eynsham	Critical Long-term (2021 – 2026)	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
West Oxfordshire Garden Village Northern Link Road	Developers, landowners Oxfordshire County Council	To be identified	None	To be identified	Delivered by development to the west of Eynsham	Critical Long-term (2021 – 2026)	
Accessing Oxford – northern approach via A44	Developers, External funding partners, Oxfordshire County Council, Oxford City Council	To be identified	Funding sources to be identified. Oxfordshire County Council is the lead authority.	To be identified.	S106  CIL (when introduced)  External funding sources.	Critical 2016 - 2021	Congestion on the A44 is a deterrent to growth in West Oxfordshire
<b>Public transport Improvements</b>							
A40 Science Transit (Eynsham P&R and eastbound bus lane)improvements – Phase I	Developers, External funding partners, Oxfordshire County Council	£36.2m	£35m Local Growth Fund and £1.2m Local Contribution	None	External funding – Local Growth Fund	Critical 2016-2021	Help relieve congestion on the A40 eastbound into Oxford
A40 Longer Term Strategy- Wolvercote to	Developers, External funding	£55m	None	£55m	External funding – Local Growth	Critical 2021 - 2026	Help relieve congestion on the A40

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Eynsham P&R westbound bus lane and dual carriageway between Witney Shores Green interchange and Eynsham P&R improvements – Phase 2	partners, Oxfordshire County Council				Fund. S106  CIL (when introduced)		westbound from Oxford
Enhance frequency of S1/S2/S7 bus service between Witney, Carterton, Eynsham and Oxford	OCC Bus companies Developers WODC	£2m	None. Funding from development to be secured through S106.	£2m	External funding (such as the Local Sustainable Transport Fund)  S106 from West of Eynsham and North of A40  Specific frequency improvement	Critical 2016 - 2021	Peak frequency increases could be facilitated through bus productivity improvements if sufficient bus priority on the A40 and A44 is introduced

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
					packages procured directly between developer and bus operator		
Improve public transport in Carterton including bus stops and Real Time information.	OCC Bus companies Developers	To be identified	£8,550 for upgrading existing bus stops and Real Time information in Carterton (S106)	To be identified	External funding (such as the Local Sustainable Transport Fund)  CIL (when introduced)	Necessary 2016 – 2021	
Provision of bus stops near RAF Brize Norton main gate and Carterton Road in Carterton.	OCC, WODC, Bus companies, Developers	£118,000 (2012)	None	£118,000	S106  CIL (when introduced)	Preferred 2016 - 2021	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Enhance the frequency of the bus service between Woodstock, Witney and Burford via Hanborough Station	OCC WODC Bus companies Developers Network Rail Rail providers	£1m	£29,892 towards retention of existing bus services serving Woodstock (S106)  £10,000 towards railway access improvements on A4095 in Long Hanborough  £300,000 from West Witney (North Curbridge development)	£660,108	External funding (such as the Local Sustainable Transport Fund)  S106  CIL (when introduced)	Necessary 2016-2021	Currently one bus per hour is provided by Stagecoach on the 233 service. This would provide two buses an hour. Links with rail network at Hanborough.
Oxford to Chipping Norton Bus Service Frequency Enhancement	OCC WODC Bus companies Developers	£1m	To be identified.	To be identified	External funding (such as the Local Sustainable Transport Fund)  CIL (when introduced)	Preferred 2016 – 2021	Pump priming the Oxford to Chipping Norton S3 bus service to increase the frequency to two buses per hour

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Alterations to bus stopping arrangements at West Street bus stops, Chipping Norton	OCC WODC Bus companies Developers	To be identified	None	To be identified	External funding (such as the Local Sustainable Transport Fund)  CIL (when introduced)	Preferred 2016-2021	Alterations to bus stopping arrangements in West Street to enable three buses to stop in each direction
Promote and enhance the Railbus from Chipping Norton to Kingham Station	OCC WODC Bus companies Developers	To be identified	None	To be identified	Rail/ bus providers  CIL (when introduced)	Preferred 2016-2021	
Upgrade stops along S1/S2/S3 bus routes to premium standard throughout the District	OCC Developers WODC	To be identified	£5,010 held towards bus stop improvements on the A40 (S106)	To be identified	External funding (such as the Local Sustainable Transport Fund)  CIL (when introduced)	Necessary 2016-2021	Facilities for cycles should be identified at key potential interchange stops

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Provision of new stops for S1 / S2 to serve housing and employment development North of A40 at Eynsham	OCC, bus operators	To be identified	None	To be identified	S106 from West of Eynsham and North of A40	Necessary 2021 - 2026	
Provision of 2 x new buses to increase frequency along A40 serving new development at Eynsham	OCC, bus operators	£1.4m - £1.6m	None	£1.4m - £1.6m	S106 from West of Eynsham and North of A40	Necessary 2021 - 2026	
New and improved bus stops between Corn Street & Oxford Hill to serve the S1/S2 route in Witney	OCC Developers	To be identified (each new bus stop will cost in the region of £50,000)	£37,394 for public transport infrastructure in Witney. £6,384 for improvements to bus stops on Newland. Total - £43,778 (S106)	To be identified	External funding (such as the Local Sustainable Transport Fund)  CIL (when introduced)	Necessary 2016-2021	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Enhance and/or develop community transport services, where other services do not meet needs across the District	OCC WODC Community transport groups Bus companies Developers	To be identified	None	To be identified	Community fund raising  Other funding streams to be identified.	Necessary 2016-2031	
<b>Walking, cycling and riding improvements</b>							
Pedestrian refuge crossing on Mill Street, Witney	OCC Developers	To be identified	None	To be identified	S106  CIL (when introduced)	Necessary 2016 – 2019	
Pedestrian crossing on Bridge Street in Witney	OCC WODC	To be identified	£115,072 held towards crossing on either Bridge Street or Witan Way (S106)	To be identified. Low risk due to money secured via S106.	S106	Necessary 2016 – 2019	
Crossing on Curbridge Road, Witney	OCC Developers	To be identified	None	To be identified	S106  CIL (when introduced)	Necessary 2019- 2024	



Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Completion of foot/cycleway from Woodstock Road to Newland, Witney	OCC Developers	£285,100 (2012)	None	£285,100	To be identified  S106  CIL (when introduced)	Necessary 2019 - 2024	
Extension of the Station Lane cycle route along Witan Way to Langdale Gate and the town centre, Witney	OCC Developers	£324,500 (2012)	None	£324,500	S106  CIL (when introduced)	Necessary 2019 - 2024	
Cycleway along Downs Road and to include Range Road, Witney	OCC Developers	To be identified	None	To be identified	Currently S106  CIL (when introduced)	Necessary 2019 - 2024	
Pedestrian crossing at Coral Springs, Witney	OCC/ Developers	To be identified	£185,000 secured for controlled pedestrian crossing at Coral Springs (S106)	To be identified	S106  CIL (when introduced)	Necessary 2016 – 2019	
Pedestrian crossing at Station Lane, Witney	OCC/ Developers	To be identified	TBC	To be identified	S106  CIL (when introduced)	Necessary 2016 – 2019	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Pedestrian/cycle improvements from Curbridge Road along Thorney Leys to Station Lane employment area in Witney	OCC/ Developers	To be identified	None	To be identified	OCC funding and other external funding.  CIL (when introduced)	Necessary Long-term 2019 - 2024	
West Witney footpath link	OCC	£15,000	None	£15,000	S106  CIL (when introduced)	Preferred 2016-2019	
West Witney new bridleway link and improvements to existing route	OCC/ Developers	N/a – fully funded	On-site provision	None	S106 Developer undertaking works	Necessary 2016-2019	
West Witney cycletrack link	OCC	£150,000	None	£150,000	S106	Preferred 2016-2019	
West Witney bridleway surface upgrade	OCC/ Developer	£50,000	S106 West Witney development	None	S106	Necessary 2016-2019	
Shores Green linking footpath	OCC	£15,000	None	£15,000	S106 highways scheme	Preferred 2016-2019	
Witney North Footpath to	OCC	£30,000	None	£30,000	S106	Preferred 2016-2019	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
bridleway status upgrade					CIL (when introduced)		
Witney to Brize Norton bridleway	OCC/ Sustrans	£250,000	None	£250,000	SI06  CIL (when introduced)	Preferred 2019-2024	
Improve footway and cycle infrastructure in Carterton including the area in the vicinity of RAF Brize Norton main gate on Carterton Road	OCC Developers	£46,000 (2012)	£10,020 held towards transport improvements at Carterton to include improved pedestrian and cyclist links, and highway conditions	£35,980	OCC funding and other external funding.  CIL (when introduced)	Necessary 2019 - 2024	
Cycleway along Brize Norton Road to provide a formal cycle route from east Carterton to the town centre	OCC WODC Developers	To be identified	None	To be identified	SI06  OCC funding and other external funding.  CIL (when introduced)	Necessary 2019 - 2024	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Cycleway along Alvescot Road to provide a formal cycle route into Carterton town centre	OCC WODC Developers	£195,000 (2012)	None	£195,000	OCC funding and other external funding.  CIL (when introduced)	Necessary 2019 - 2024	
Witney to Carterton cycleway	OCC WODC Developers	£574,340	None	£574,340	SI06  CIL (when introduced)	Necessary 2016 - 2021	
Carterton Perimeter Path status upgrade to bridleway/cycle track and surface improvements	OCC/ MOD	£140,000	None	£140,000	SI06	Preferred 2016-2019	
Carterton East improvements to footpath	OCC/ Developer	£10,000	None	£10,000	SI06	Preferred 2016-2019	
Potential cycle route from Eynsham to Oxford following the B4044	OCC Bike Safe	£ 3-4m (2016)	£30,000.  (£5,000 from Vale of the White Horse District Council and £25,000 from	£1.22m	CLG funding  SI06  CIL (when introduced)	Preferred 2016 - 2021	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
			Communities and Local Government)				
Upgrading of cycle route along A40 (A40 Science Transit)	OCC, WODC Developers	To be identified	£35m secured from Local Growth Fund	To be identified	External funding	Preferred 2016-2021	
Upgrading of pedestrian / cycle / bridleways in and around Eynsham, including a cycle route to Hanborough Station	OCC WODC Developers	To be identified	None	To be identified	S106 from West Eynsham and North of A40 development	Preferred 2021 - 2026	
Provision of crossings of the A40 at Eynsham (A40 Science Transit)	OCC	To be identified	None	To be identified	S106 from North of A40 at Eynsham	Necessary 2021-2031	
Garden Village Bridge across the A40 to Eynsham.	Developers, landowners, OCC	To be identified	None	To be identified	S106 from North of A40 at Eynsham	Necessary 2021-2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
South Leigh Bridleway connecting link	OCC	£30,000	None	£30,000	SI06 CIL (when introduced)	Preferred 2016-2021	
South Leigh Footpath to bridleway status upgrade	OCC	£15,000	None	£15,000	SI06 CIL (when introduced)	Preferred 2016-2021	
South Leigh to Eynsham Bridleway surface upgrade	OCC	£25,000	None	£25,000	SI06 CIL (when introduced)	Preferred 2016-2019	
High Cogges Footpath to bridleway status upgrade	OCC/ Lower Windrush Valley Project (LWVP)	N/a – fully funded	Gill Mill/Smiths onsite provision	None	Developer undertaking works	Preferred 2016-2019	
Ducklington new Bridleway/Footpath connecting links	OCC/LWVP	N/a – fully funded	Gill Mill/Smiths onsite provision	None	Developer undertaking works	Preferred 2016 – 2019	
Ducklington Footpath to Bridleway status upgrade	OCC/LWVP	N/a – fully funded	Gill Mill/Smiths offsite provision	None	SI06	Preferred 2016-2019	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Ducklington bridleway connecting link	OCC/LWVP	£20,000	None	£20,000	Gill Mill minerals and waste development	Preferred 2016-2019	
Ducklington The Moors surface improvement	OCC	£30,000	None	£30,000	SI06 CIL (when introduced)	Preferred 2016-2019	
Shilton Bridleway surface improvements	OCC	£20,000	None	£20,000	SI06 CIL (when introduced)	Preferred 2016-2019	
Shilton Bridleway connecting links	OCC	£50,000	None	£50,000	SI06 CIL (when introduced)	Preferred 2016-2019	
Signet Footpath upgrade to Bridleway	OCC	£30,000	None	£30,000	SI06 CIL (when introduced)	Preferred 2016-2019	
Kencot bridleway link	OCC	£35,000	None	£35,000	SI06 CIL (when introduced)	Preferred 2016-2019	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Leu linking off-road footpath	OCC	£15,000	None	£15,000	SI06 CIL (when introduced)	Preferred 2016-2019	
Northmoor footpath to bridleway upgrade including lock crossing improvements	OCC/ EA	£45,000	None	£45,000	SI06 Charitable bodies	Preferred 2019-2024	
Bablock Hythe crossing of River Thames	OCC	up to £1.5m	None	£1.5m	SI06 Charitable bodies	Preferred 2019-2024	
Skinner's Bridge crossing of River Thames	OCC	£200,000	None	£200,000	SI06 Charitable bodies	Preferred 2019-2024	
Bampton extension of bridleway to Aston Road	OCC	£30,000	None	£30,000	SI06 CIL (when introduced)	Preferred 2016-2019	
Aston bridleway upgrade of footpath to Yelford	OCC	£30,000	None	£30,000	SI06 CIL (when introduced)	Preferred 2016-2019	



Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Clanfield and Bampton creation of linking bridleway	OCC	£50,000	None	£50,000	SI06 CIL (when introduced)	Preferred 2019-2024	
Northmoor footpath to bridleway upgrade	OCC/ EA	£30,000	None	£30,000	SI06 Charitable bodies	Preferred 2019-2024	
Standlake to Cote bridleway upgrade of footpath and additional link	OCC/LWVP	£40,000	None	£40,000	SI06 Charitable bodies	Preferred 2019-2024	
Standlake to Cutmill Farm upgrade to bridleway	OCC/LWVP	£40,000	None	£40,000	SI06 Charitable bodies	Preferred 2019-2024	
Creation of bridleway at Tar Lane to Beard Mill & B4449	OCC/LWVP	£50,000	None	£50,000	SI06	Preferred 2016-2019	
Cycle/foot path in selected locations along B4449 to link up existing FP/BWs that end at the road.	OCC	£100,000	None	£100,000	SI06 CIL (when introduced)	Preferred 2019-2024	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Stanton Harcourt new bridleway link from gravel pits and upgrade to bridleway	OCC/LWVP	£40,000	None	£40,000	S106  CIL (when introduced)	Preferred 2019-2024	
Creation of Windrush Path as continuous definitive public footpath	OCC/LWVP	£40,000	None	£40,000	S106  CIL (when introduced)	Preferred 2019-2024	
<b>Parking</b>							
Potential provision of additional off-street public car parking spaces in Witney	WODC OCC Developers	£3.2m	£300,000 secured towards Witney town centre improvements as part of development proposal at Springfield Nurseries (S106) and £250,000 from West Witney SDA for town centre improvements. Totalling £550,000. Half of this amount to be allocated towards car parking	£2.9m	S106  CIL (when introduced)	Necessary 2019 - 2024	£3.2m is the estimated cost of a 400 space multi-storey car park (conservative estimate based on £8,000 per space).

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
			in Witney. Total - £275,000 (S106)				
Potential provision of additional off-street public car parking in Chipping Norton	WODC OCC Developers	To be identified	None	To be identified	S106	Necessary 2019 - 2024	
Potential additional off-street public car parking and improved coach parking in Burford	WODC OCC Developers	To be identified	None	To be identified	S106  CIL (when introduced)	Necessary 2019 - 2024	
Potential additional off-street public car parking and improved coach parking in Woodstock	WODC OCC Developers	To be identified	None	To be identified	S106  CIL (when introduced)	Necessary 2019 - 2024	
<b>Water Supply</b>							
Upgrade of the supply boosters at Woodstock	Thames Water	Not known. Detailed costs to be calculated in TW's Business Plan 2015-2020.	n/a	To be identified	Thames Water Business Plan  Developers	Necessary –2016 – 2021	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Waste Water Disposal and Treatment</b>							
Upgrade of sewage treatment works at Witney and additional infrastructure to meet water quality objective	Thames Water	Not known. Detailed costs to be calculated in TW's Business Plan 2015-2020.	n/a	To be identified	Thames Water Business Plan Developers	Necessary 2016 - 2021	
Substantial infrastructure upgrades through the centre of Chipping Norton to convey flows towards the sewage treatment works to the West of Chipping Norton.	Thames Water	Not known. Detailed costs to be calculated in TW's Business Plan 2015-2020.	n/a	To be identified	Thames Water Business Plan Developers	Necessary 2016-2021	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Surface Water Drainage, Flood Alleviation and Defence</b>							
Provision and maintenance of sustainable drainage systems on development sites	County Council Developers	Costs to be determined on a site by site basis	None. Funded by the developer and managed by the County Council.	n/a	OCC to collect funds.	Necessary 2016 – 2031	All new development should incorporate Sustainable Urban Drainage systems
Diversion works. Colwell Brook, Witney	WODC Environment Agency	£30,000	£30,000	None	Funding administered by the Environment Agency	Necessary 2016 – 2016	Following a bid to the EA funding has now been received by the District Council to enable further works to be carried out
Construction of storage area upstream of industrial estate in Crawley	WODC	£200,000	None.	£200,000	WODC revenue  S106	Necessary 2016 - 2021	The EA has confirmed that they are not in a position to assist in the funding of this scheme.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Construction of upstream storage areas and reintroduction of water meadow in Shilton	WODC Environment Agency	£80,000	£80,000	None	Funding administered by the Environment Agency	Necessary 2016 – 2016	Although the scheme has been funded by the EA, maintenance costs are estimated to be approximately £1,000 per year.
Construction of a flood storage area north of Bampton	WODC Environment Agency	To be identified	None	To be identified	To be identified from a combination of potential sources (see comment)	Necessary 2016 - 2021	The EA consider that currently the costs outweigh the benefits but if partnership funding could be secured from other sources, the EA would help fund these works.
Culvert repairs and ditch creation/enlarging in Curbridge	WODC Environment Agency	£45,000	£45,000	None	Funding administered by the Environment Agency for	Necessary 2016 – 2031	Although funding for the works has been secured, future maintenance

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
					capital works. Maintenance works to be funded by WODC from Council revenue and other funding streams.		will still be required. This will cost in the region of £1,000-£2,000 per year.
West End Link Road flood storage area on the flood plain of the River Windrush upstream of Witney	WODC, OCC, Environment Agency, Developers	£2.2m	None	£2.2.m	S106 funding EA funding Other funding sources to be identified.	Preferred 2021 - 2026	Currently the EA consider that the costs outweigh the benefits but the link road may present an opportunity for the Environment Agency to attract partnership funding for a combined scheme.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Upstream storage above Hailey Road in Witney	WODC Environment Agency Developers	£3.8m	None	£3.8m	Funding sources to be identified.  The EA is unlikely to fund these works (Witney Flood Alleviation report dated April 2014)	Necessary (2021 – 2026)	
Ditch clearance programme throughout the District	WODC Developers	£15,000 annually. (£225,000 to 2031)	£20,000 held for ditch clearance from East Eynsham Development (SI06)	£225,000	Council revenue  Other funding sources to be identified.	Necessary 2016 - 2031	



Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Maintaining critical watercourses in unregistered land throughout the District.	WODC Developers	£15,000 annually (£225,000 to 2031)	None	£225,000	Council revenue  Other funding sources to be identified.	Necessary 2016 – 2031	
Legal and practical investigations and surveys on land drainage and flooding issues throughout the District	WODC Developers	Minimum of £10,000 annually (£150,000 to 2031)	None	£150,000 (minimum)	Council revenue  Other funding sources to be identified. )	Necessary 2016 – 2031	
Assisting residents with problems involving private piped systems throughout the District	WODC Thames Water	£10,000 annually (£150,000 to 2031)	None	£150,000	Thames Water funding	Necessary 2016 – 2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Energy</b>							
Potential reinforcement of gas network to support additional load as part of strategic development sites.	SGN Developer	To be identified	None	To be identified	SGN Development	Necessary 2016 – 2031	
Potential reinforcement of gas network at Carterton to support growth	WWU Developer	To be identified	None	To be identified	WWU Developer	Necessary 2016 – 2031	
Potential reinforcement of electricity network to support growth in Witney, Carterton and Eynsham.	SSE DNO Developers	To be identified	n/a	To be identified	DNO (Distribution Network Operator) Development	Necessary 2016 - 2031	
Potential provision of biomass processing, decentralised, renewable and low	Developers WODC	Costs determined on a site by site basis	None	To be identified	S106 (major development)	Preferred 2016 – 2031	Contributions from new development towards local wood fuel

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
carbon energy as part of major developments throughout the District							initiatives where appropriate.
<b>Waste and Recycling</b>							
Small-scale 'local' waste management facilities for re-use, and repair recycling and composting throughout the District	OCC WODC Waste operators, Third sector organisations	To be identified	None	To be identified	Waste management companies, Third sector organisations  S106	Preferred 2016 – 2031	
Improvements to the strategic waste management and reuse infrastructure serving West Oxfordshire	OCC WODC Waste Operators Third Sector organisations	To be identified	£111,639 held/ secured for the provision and/ or extension and/ or improvement of infrastructure for strategic waste management (S106)	To be identified	Waste management companies, Third Sector Organisations  S106	Preferred 2016 - 2031	OCC agreed a HWRC strategy on 15 December 2015. This includes proposals for site rationalisation in the long term. The provision of any new or

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
							refurbished sites to serve the district will take into account the need for increased capacity arising from new development.
New waste transfer station	OCC WODC Waste Operators	£3m to serve 20,000 households	None	In the region of £1.5m	Waste management companies  Other funding sources to be identified.	Preferred 2016 – 2031	A new site serving 20,000 households costs £3,000,000
Waste collection, re-use and recycling facilities throughout the District	Developers WODC	To be identified	None	To be identified	Development (SI06 for on-site provision)  Other funding sources to be identified.	Critical 2016 – 2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Telecommunications – Superfast Broadband</b>							
Provision of superfast broadband throughout the District	Central Government BDUK OCC BT Network builders and operators Developers	£6.4m	OCC Better Broadband Project has funded 90% of the rollout which has now been completed.	None	Co-investment model - £1.6m loan from WODC, £1.6m grant from BDUK,	Necessary  100% rollout is anticipated by the end of 2017	Essential for sustainable economic growth
<b>Mobile Communications</b>							
Provision of 4G mobile phone coverage	Central Government (DCLG and Ofcom) Network providers	To be identified.	None.	To be identified	Central Govt funding.  External providers.	Necessary 2016 - 2031	Essential for sustainable economic growth

## Part B – Social Infrastructure

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Education</b>							
1.5FE Primary school (including nursery), on a 2.22ha site to enable future expansion to 2FE if required, West Witney	OCC Developers	Approximately £8.2m (at 4Q14 price base)	Fully funded by West Witney SDA	None	S106	Critical 2016 - 2021	Potential for school to expand to also meet the needs of other development in this area.
2FE Primary school (including nursery), on a 2.22ha site North Witney	OCC Developers	Approximately £9m (at 4Q14 price base)	To be fully funded by North Witney SDA	None	S106	Critical 2021 – 2031	To be provided as part of any strategic development to the north of Witney
1 x 1.5FE Primary school (including nursery), on a 2.22ha site to enable future expansion to 2FE if required, West Eynsham	OCC Developers	Approximately £8.2m (at 4Q14 price base)	To be funded by development to the west of Eynsham	None	S106	Critical 2016 - 2021 (subject to timing of housing delivery)	To be provided as part of any strategic development to West Eynsham, based on 1000 homes

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Up to 2 x 2FE Primary schools (including nursery), on 2 x 2.22ha, North of A40 at Eynsham	OCC Developers	Approximately £18m (£9m each - at 4Q14 price base)	To be funded by development at proposed Garden Village north of A40	None	S106	Critical 2021 – 2031	To be provided as part of any strategic development to the north of the A40 at Eynsham. Based on 2200 homes, it may be that 1x3FE school is appropriate, but two schools would minimise travel to school distances and provide a better foundation for any longer term additional growth.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
1 x 2FE Primary school (including nursery), on a 2.22ha site, East of Chipping Norton	OCC Developers	Approximately £9m (at 4Q14 price base)	To be funded by development to the east of Chipping Norton	None	S106	Critical 2021 – 2031	To be provided as part of any strategic development to the east of Chipping Norton
Improvements and capacity increases to existing primary school provision by approximately 1 form entry in Witney and surrounding area	OCC Developers Schools	To be identified	£47,696 held/ secured towards extension and/ or improvement to primary school infrastructure serving Witney (S106)	To be identified	S106  CIL (when introduced)  Other funding sources to be identified.	Critical 2016 - 2031	Expansion of West Witney Primary School to 2 form entry will cost in the region of 2.3m and will be funded primarily by S106 Agreements associated with development to the west of Witney.



Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
IFE Primary school (including nursery), on a 2.22ha site to enable future expansion to 2FE if required, Carterton	OCC Developers	Approximately £6.5mm (at 4Q14 price base)	To be funded by development to the east of Carterton	None	S106	Critical 2016 - 2021	To be provided as part of the committed urban extension to the east of Carterton. Expansion potential would also meet the needs of further Carterton growth.
Improvements and capacity increases to existing primary school provision in Carterton and surrounding areas	OCC Developers Schools	To be identified	None	To be identified	County Council funding  S106  CIL (when introduced)	Critical 2016 – 2031	

<b>Infrastructure Project and Location</b>	<b>Delivery Partners</b>	<b>Estimated Cost</b>	<b>Funding already Secured and Funding Source</b>	<b>Funding Gap</b>	<b>Anticipated Funding Mechanism</b>	<b>Priority and Timescale</b>	<b>Comments</b>
Expansion of Woodstock Primary School to 2 form entry, related to any strategic allocation	OCC Developers Schools	To be identified	None	To be identified	S106  CIL (when introduced)	Critical 2016 - 2031	Additional site area would be required, and/or some existing facilities reprovided off-site

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Potential capacity increases at primary schools throughout the District	OCC Developers Schools	To be identified	Funding held/ secured from various S106 Agreements towards the Phase 2 expansion of Woodstock Primary School, the extension of Eynsham Primary School, extension and/or improvements to primary school infrastructure serving Enstone and infrastructure improvements for primary schools serving Stanton Harcourt/ Sutton totalling approx. £600,000	To be identified	County Council funding  S106  CIL (when introduced)	Critical 2016 - 2031	Additional land may be required in some instances to supplement the existing school site area, e.g. at Hanborough.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
New secondary education facility, Witney	OCC Developers	To be identified	None	To be identified	County Council funding  S106	Critical 2016 – 2031	Land to be made available as part of West Witney SDA (S106). OCC to consult on possible models of provision.
Expansion of Wood Green School and/or Henry Box School, Witney	OCC Developers Schools	To be identified	Funding held/ secured for extending/ improving senior school infrastructure in Witney - £44,639 (S106)	To be identified	County Council funding  S106  CIL (when introduced)	Critical 2016 – 2031	May not be required if a new facility is provided.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Expansion of Carterton Community College	OCC Carterton Community College Developers	To be identified	None	To be identified.	County Council funding  S106  CIL (when introduced)	Necessary 2016-2031	
Expansion of secondary school capacity serving Eynsham	OCC Academy trust Developers	To be identified	Extension and/ or improvements of secondary school infrastructure serving Eynsham - £324,148 (S106).  DfE Targeted Basic Need Programme funding secured by OCC for recent expansion of Bartholomew School, £1,731,872	To be identified	S106  CIL (when introduced)	Critical 2016 - 2031	Bartholomew School recently expanded, however to meet the scale of housing growth indicated an additional site would be needed, which could provide for a split-site Bartholomew School.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Extension to Marlborough School, Woodstock	OCC Developers	To be identified		To be identified	S106  CIL (when introduced)  Other funding sources to be identified.	Critical 2016 - 2031	
Potential specialist provision for children with special educational needs throughout the District	OCC Developers	To be identified	£41,166 held/ secured for extensions and /or improvement of special educational needs infrastructure across the District (S106)	To be identified	County Council funding  S106  CIL (when introduced)	Necessary 2016 – 2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
New adult learning centre, Witney	OCC Developers	<sup>15</sup> If new build required - £760,000 to build, excluding land plus £240,000 required to 2031 for new classroom provision across the District. Total - £1m	£7,732 held/ secured for infrastructure/ facilities for adult and community learning across the District (S106)	Approx. £1m (excluding land and assuming new building required)	Potential developer provision (S106) through new community building  County Council funding  Potential for CIL (when introduced)	Necessary 2016 - 2021	Any new centre would need to be accessible to the whole community of Witney and the surrounding area

<sup>15</sup> Based on data from Oxfordshire County Council, two new classrooms to provide facilities for adult learning cost £440,000 at 1st Quarter 2012 price base. This will provide facilities for 1,350 learners per annum which equates to £326 per learner. According to the County Council, at least 5% of the adult population is likely to take up adult learning and this equates to £16 per person.  
Based on the Census 2011 and the 2014 based Sub National Population Projections, the population increase of adults in West Oxfordshire will be approximately 15,000 from 2011 to 2031.  
16 (contribution per person) x 15,000 (projected population increase to 2031) = £240,000

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<u>Leisure and Sport</u>							
Additional outdoor playing pitch provision and changing facilities in Witney	WODC Developers Witney Town Council	<sup>16</sup> £10.4m	£214,647 towards the West Witney Sports Ground (S106)	Approx. £10.2m	S106 including some provision to be provided as part of the West Witney Strategic Development Area  CIL (when introduced)	Necessary 2016 – 2031	

<sup>16</sup> West Oxfordshire Census 2011 details a population increase of 4,757 residents in Witney from 2001 to 2011 (22,765 to 27,522) which is a 21% increase. This equates to a 2.1% increase in the population of Witney per year. Therefore, if this is carried forward the population increase between 2011 and 2031 is estimated to be 42% which equates to 11,559 additional residents. West Oxfordshire Open Space Study 2013 advises a contribution per person for parks/ recreation grounds to be £900.00. Multiplying this by the estimated population increase in Witney from 2011 to 2031 results in a required contribution of £10.4m



Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Replacement of Windrush Leisure Centre, Witney	WODC Developers	£22m - £25m	None	£22m - £25m	External funding (such as Sport England)  CIL (when introduced)	Preferred 2021 - 2031	Financial contributions to be sought from development (CIL). Other potential sources of funding to be investigated e.g. lottery funding
Additional outdoor playing pitch provision and changing facilities, Carterton	WODC Carterton Town Council Developers	<sup>17</sup> Approx. £4.4m	Approx. £300,000 (S106)	Approx. £4m	S106 including at least 2 pitches to be provided as part of East Carterton SDA  CIL (when introduced)  External funding	Necessary 2016 – 2031	Provision for additional provision in the vicinity of the football club to be investigated

<sup>17</sup> West Oxfordshire Census 2011 details a population increase of 3,964 residents in Carterton from 2001 to 2011 (11,805 to 15,769) which is a 33.6% increase. However this includes communal establishment residents of RAF Brize Norton which were counted in the parish of Brize Norton in 2001 and therefore this has skewed the figures.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Phase 2 Carterton Leisure Centre	WODC Developers	£5m	£500,000 (S106)	£4.5m	External funding (such as Sport England)  S106  CIL (when introduced)	Necessary 2016 - 2021	Around £500,000 already collected in developer funding. Potential for external funding to be sought as well as contributions from new development

The growth in the population of West Oxfordshire between 2001 and 2011 was approximately 10% with most growth in Witney and Carterton. Taking a mid point between the growth in Witney (21%) and West Oxfordshire (10%) is 15.5%

Assuming a 15.5% increase, this equates to a 1.55% increase in the population of Carterton per year and projecting this forward equates to an increase of 31% from 2011 to 2031 which results in a population increase of 4,888 residents.

West Oxfordshire Open Space Study 2013 advises a contribution per person for parks/ recreation grounds to be £900.00. Multiplying this by the estimated population increase in Carterton from 2011 to 2031 results in a required contribution of = approximately £4,400,000

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Enhanced community use, changing and reception areas at Carterton Community College Sports Hall and ATP	WODC Carterton Community College Developers	To be identified.	None	To be identified.	External funding (such as Sport England)  S106  CIL (when introduced)	Necessary 2016 - 2021	
All-weather pitch for football and rugby in Chipping Norton	WODC Neighbourhood Plan Steering Group. Town Council Football Club	To be identified.	None	To be identified.	External funding (such as Sport England)  S106  CIL (when introduced)	Preferred 2016 - 2021	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Enhanced changing facilities for school sports hall, Woodstock	Marlborough School	To be identified.	None	To be identified.	County Council  S106  CIL (when introduced)  Fund raising	Preferred 2016 - 2021	
Potential outdoor floodlit training area and/or ATP, Woodstock	WODC Town Council	To be identified.	Approx. £30,000 (S106)	To be identified.	External funding (such as Sport England)  S106  CIL (when introduced)	Preferred 2016 - 2021	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Skateboard facility, Woodstock	WODC Town Council	To be identified.	None	To be identified.	External funding/ community funding opportunities  S106  CIL (when introduced)	Preferred 2016 - 2021	
Provision of ATP plus potential additional changing facilities, Burford	WODC Burford School	To be identified.	None	To be identified.	Burford School are fund raising.  External funding (such as Sport England)  CIL (when introduced)	Preferred 2016 - 2021	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Other sporting opportunities including water polo sessions, street sports and dance workouts across the District	Sportivate WODC GLLABingdon and Witney College Town/ Parish Councils	To be identified.	£11,800 received from Sportivate	To be identified.	Sportivate – Lottery funding	Preferred 2016 - 2021	Sportivate is a programme to provide leisure opportunities for 11-25 year olds
<b>Health</b>							
Relocation of GP practice in Woodstock	TVAT, NHSE GP Practices	In the region of £4.5	None	Approx. £4.5m	External funding – PCT  S106  CIL (once introduced)	Necessary 2016 - 2021	
Air quality management at Witney and Chipping Norton	WODC	To be identified	£1,024 held for air quality management in Chipping Norton (S106)	To be identified	S106  Other funding sources to be identified.	Necessary 2016 – 2031	
<b>Public Safety</b>							

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<p>Various requirements including:</p> <p>Witney - Adaptation of Police Station, unmarked police car, 1.5 Police Community Support Officer (PCSO), 1 APNR camera</p> <p>Carterton - Provision of new office within multi agency hub, led by OFRS, 2 PCSO, marked police car.</p> <p>Chipping Norton - Marked police car. ANPR cameras</p> <p>Woodstock/Eynsham - adaptations regarding additional space at Police Facility. Marked and Unmarked Police Vehicles</p> <p>Provision of ANPR cameras in the area</p>	Thames Valley Police Developers WODC	£1.13 - £1.53m	£3,000 held for CCTV in Carterton town centre (S106), £13,125 towards information technology and automatic number plate recognition cameras in Woodstock (S106)	Approx £1 - £1.5m	Thames Valley Police (TVP)	Preferred 2016 - 2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
New one pump 2 bay fire station in Carterton	County Council CLG TVP SCAS	£3.2m	To be identified	To be identified	CLG transformation fund  Capital programme budget  Potentially OCC  Other delivery partners	Essential 2016-2018	The Fire Service is putting in a bid to CLG and OCC will decide whether to part fund this depending on the level of funding provided by CLG
2-3 ambulance standby points in the District	SCAS NHS Foundation Trust	£520,000 – 780,000 for 2-3 standby points including ambulance  £540,000 – 810,000 annual paramedic costs	None	£520,000 – 780,000	External funding - NHS Foundation Trust including paramedic costs	Necessary 2016 – 2031	



Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Community and Culture</b>							
Provision for new community facilities as part of large-scale development across the District including sites at North Witney, East Chipping Norton, West Eynsham and Garden Village.	WODC OCC Developers Parish/Town Councils Local churches Voluntary sector	Costs to be considered as part of development.  Average cost for construction of a community hall is around £2,000 m <sup>2</sup> . On-going running costs also need to be taken into account	NE Witney Community Hall and Community Grants Funds totalling approx. £600,000	n/a – to be funded as part of large-scale development	S106	Necessary 2016 – 2031	
Enhanced Library Provision at Witney, Carterton, Chipping Norton, Eynsham and Woodstock.	OCC Developers Parish Councils and community funding	<sup>18</sup> Approximately £1.7m	£230,262 towards Library infrastructure including extension/improvements to libraries across the District, electronic tagging and library book stock (S106)	Approx. £1.5m	County Council funding  S106  CIL (when introduced)	Preferred 2016 – 2031	

<sup>18</sup> Oxfordshire County Council indicates the cost of standard library provision to be 27.5m<sup>2</sup> per 1000 head of population. The cost of extending a library is £2,370 per m<sup>2</sup> at 1st Quarter 2012 price base. Book stock should be increased by 2 volumes per additional resident and the price per volume is £10.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Museum Resource Centre	OCC Developers	<sup>19</sup> Approximately £480,000	£1,392 (S106)	Approx. £479,000	County Council funding  S106  CIL (when introduced)	Preferred 2016 – 2031	

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Based on the Census 2011 and the 2014 based Sub National Population Projections, the population increase in West Oxfordshire will increase by approximately 17,000 from 2011 to 2031. Therefore the additional floor space required is 467m<sup>2</sup> which will cost approx. £1.1m. In addition book stock will cost an additional £340,000 based on the above costs per person. The County Council also seek £17.15 per person towards the Central Library in Oxford which will cost approx. £292,000. This will total - £1.7m

<sup>19</sup> Based on data from Oxfordshire County Council, an extension to the Museum Resource Centre to mitigate the impact of new development to 2026 is £460,000. This equates to £5 per person at 1st Quarter 2012 price base. Based on the 2014 based Sub National Population Projections there will be a population increase of approx. 4,000 from 2026 to 2031. Based on a contribution of £5 per person, between 2026 and 2031, the contribution required will be £20,000. £460,000 + 20,000 = £480,000

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Provision of community art in major developments	WODC Developers Local communities Local artists and craftspeople	Community art incorporated as part of a development site will be calculated at that stage.  Approximately £560,000 (towards 16 community art projects across the District to 2019)	Various S106 Agreements including developments at NE Carterton, Marriotts Close,, Abbeycare,, Stanton Harcourt, Woodstock, and Eynsham totally approx. £90,000 (S106)	Approx. £450,000	On-site provision as part of development through S106  More general improvements funded by CIL when introduced	Preferred 2016 - 2031	
Witney Arts Centre	WODC Developers Local communities Local artists and craftspeople	Approximately £4m-£6m	None	£4m-£6m	S106  CIL (when introduced)  Other potential sources e.g. lottery funding	Preferred 2019 – 2024	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Social Care</b>							
Provision of extra care housing and specialised housing for people with disabilities across the District	OCC, Housing providers/ associations, Homes and Communities Agency, WODC, Developers	To be identified	Unknown	To be identified	S106  CIL (when introduced)  External funding	Necessary 2016 – 2031	
Space within community facilities on strategic sites for delivery of Tier 2 services (targeted services for children), Witney	OCC Developers	To be identified	Space within community facilities on strategic sites for delivery of Tier 2 services	To be identified	Potential developer provision at East West and North Witney (S106)	Necessary 2016 - 2031	If community buildings are not provided, the County Council would seek contributions to expand the existing Resource Centre at a cost of £1,100 per person aged 65 years or older.

## Part C – Green Infrastructure

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Biodiversity and Green Infrastructure Projects</b>							
Measures to conserve and enhance the Cotswolds Area of Outstanding Natural Beauty (AONB) in the District	Cotswolds Conservation Board WODC OCC Developers Landowners Cotswold Volunteers	The cost and extent of the projects will vary depending on the location and aims of each project	Unknown	To be identified	S106  Charitable donations and local fundraising	Preferred 2016 – 2031	The Cotswolds Management Plan and the Cotswolds Conservation Board’s Business Plan Work Programme guide activity in the AONB
Measures to protect and enhance ancient woodland as part of the District’s network of green infrastructure	Forestry Commission Developers Landowners	The cost and extent of the projects will vary depending on the location and aims of each project	Unknown	To be identified	S106  Charitable donations and local fundraising	Preferred 2016 - 20231	
Measures to protect and enhance historic parks and gardens as part of the	Historic England Developers Landowners	The cost and extent of the projects will vary depending on the location	Unknown	To be identified	S106  Charitable donations and	Preferred 2016 - 2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
District's network of green infrastructure		and aims of each project			local fundraising		
Deer Park Wood, Witney. Woodland management, habitat creation, development and management of public recreation opportunities	Witney Woodland Volunteers (WWV), with support from the Wychwood Project	Estimated to be between £25,000 - £50,000	No funding secured	To be identified. Estimated to be £25,000 - £50,000	S106 from development within the locality.  External funding, charitable donations and local fundraising	Preferred 2016 – 2031 (Woodland management is a priority).	WWV have already been active in site management and fund raising. Deer Park Wood is in close proximity to West Witney development areas
Willow pollarding at Grimes Meadows, Witney.	Wychwood Project	£1,000 per year for 10 years (c. 5 trees pollarded per year)	No funding secured	£10,000	Grant applications	Preferred 2016 – 2031	Pollarded willows are a key feature of the area and a valuable wildlife features.
Fencing and pasture pumps at Grimes Meadows, Witney	Wychwood Project	£3,500	No funding secured	£3,500	Grant applications	Preferred 2016 - 2031	Stock fencing to secure site boundary as pre-cursor to reintroducing grazing.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
							Livestock watering points.
Parkland fencing at Langel Common, Witney	Wychwood Project, Diocese Board, WODC	£10,000	No funding secured	£10,000	Grant applications	Preferred 2016 – 2031	Replace wrought iron fencing alongside main public thoroughfare. Modify gates for farming access.
Woodland improvements at Dean Common Community Woodland, Chadlington.	Wychwood Project, OCC	£10,000 then £2,500 per year	No funding secured	£10,000 and ongoing	To be identified	Preferred 2016 – 2031	Thinning / coppicing of woodland areas to enhance long-term woodland quality. Gate improvements. Parking improvements
Orchard planting at Foxburrow Wood, near Hailey.	Wychwood Project	£600	No funding secured	£600	Charity reserves Community contributions	Preferred 2016 – 2031	Additional planting of heritage fruit trees at community woodland.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
					CIL (when introduced)		
Create second car park for access to Witney Lake and Windrush Path	LWVP/ Witney TC/OCC	£30,000	None	£30,000	S106  Other funding sources to be identified.	Preferred 2016-2031	
Provide/improve disabled access to key sites around Witney e.g. Witney Lakes, Rushy Common and Tar Lakes, Windrush Path.	LWVP/ Witney TC/OCC	£50,000	None	£50,000	S106  Other funding sources to be identified.	Preferred 2016-2031	
Various projects to improve accessibility, recreation opportunities, tourism, landscape and nature conservation within the Lower	LWVP WODC OCC Mineral operators Developers Landowners	The cost and extent of the projects will vary depending on the location and aims of each project	£151,961 held towards the Windrush Project (S106)	To be identified	S106  Charitable donations and local fundraising	Preferred 2016 - 2031	



Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Windrush Valley Project area							
Windrush in Witney Project - various capital projects plus consolidation of on-going management and maintenance arrangements	WODC Developers Landowners	The cost and extent of the projects will vary depending on the location and aims of each project	None	To be identified	S106  Charitable donations and local fundraising	Preferred 2016 – 2031	
Conservation Target Areas - biodiversity restoration through maintenance, restoration and creation of BAP priority habitats across the District	WODC OCC ONCF TVERC Landowners	The cost and extent of the projects will vary depending on the location and aims of each project	£4,782 held for Conservation Target Areas (S106)	To be identified	S106  Charitable donations and local fundraising	Preferred 2016 – 2031	
Local Wildlife Sites - potential enhancements and improved connectivity across	WODC OCC ONCF TVERC BBOWT	The cost and extent of the projects will vary depending on the location	Unknown	To be identified	S106  Charitable donations and local	Preferred 2016 - 2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
the District	Landowners	and aims of each project			fundraising		
Public access improvements and river corridor maintenance at Wootton Jubilee Fields Local Wildlife Site.	Wootton Conservation Trust	To be identified	Unknown	To be identified	Grant applications and charitable donations.	Preferred 2016 – 2031	
Site maintenance and enhancement at Woodstock Water Meadows	Friends of Woodstock Water Meadows Wychwood Project	To be identified	Unknown	To be identified	Grant applications and charitable donations.  CIL (when introduced)	Preferred 2016 – 2031	
Improve connectivity between habitats and built development to encourage sustainable transport, greater recreation usage of green corridors	WODC OCC Developers Landowners ONCF	The cost and extent of the projects will vary depending on the location and aims of each project	£1,606 secured for the protection and enhancement of biodiversity and green infrastructure in Carterton and Eynsham.  £6,528 for kissing gates on footpath in	To be identified	S106  Charitable donations and local fundraising	Preferred 2016 - 2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
and to facilitate species migration across the District			Eynsham and improved footpath to Church Lane in Witney.  Total - £8,134 (S106)				
Remove fish pass and weir at Langley Mill to improve habitat Evenlode (Bledington to Glyme confluence).	E.A. Wild Oxfordshire.	£37,500 - £50,000	None	£37,500 - £50,000	Grant applications and charitable donations.	Preferred 2016 – 2031	There are some ownership issues which need to be resolved prior to commencing these improvements.
Reprofile banks North of Bruern Abbey to limit amount of steep sided clay banks favoured by signal crayfish, to reduce extent of invasive species.	EA. Cotswolds Rivers Trust. Wychwood Project. Wild Oxfordshire.	£166,000 – £250,000	None	£166,000 – £250,000	Grant applications and charitable donations	Preferred 2016 – 2031	
Fish passage around weir/sluice at Charlbury to	EA. Cotswolds Rivers Trust.	£75,000 – £100,000	None	£75,000 – £100,000	Grant applications and charitable	Preferred 2016 - 2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
improve modified habitat and the condition of riparian zone and/or wetland habitats.	Wychwood Project. Wild Oxfordshire.				donations		
Fencing to prevent poaching by cattle to manage diffuse point pollution and improve riparian habitat along Evenlode.	Cotswolds Rivers Trust. Wychwood Project. Wild Oxfordshire.	£5,000 – £10,000	None	£5,000 – £10,000	Grant applications and charitable donations	Preferred 2016 – 2031	
Connection of pond to river to provide backwater feature, improve riparian habitat and create new habitat at Shipton under Wychwood.	Cotswolds Rivers Trust. Wychwood Project. Wild Oxfordshire.	£17,000 - £25,000	None	£17,000 – £25,000	Grant applications and charitable donations	Preferred 2016 – 2031	Scope of project is subject to pond survey to determine species of fish.
Lower the bank height, narrow the river channel and create a two stage channel along the	Cotswold Rivers Trust. Wild Oxfordshire. Upper	£300,000 – £500,000	None	£300,000 – £500,000	Grant applications and charitable donations	Preferred 2016 - 2031	High banks are a result of historic dredging and land drainage

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Evenlode Foscot – Bladon to improve habitat / morphological diversity.	Thames Fisheries Consultative. Cornbury Park. Blenheim Estate.						practices.
Restore flood plain connectivity through bank reprofiling and wetland/backwater creation to improve condition of riparian zone and wetland habitats. South of Shipton station.	Cotswold Rivers Trust. Wild Oxfordshire.	£300,000 – 500,000	None	£300,000 – 500,000	Grant applications and charitable donations	Preferred 2016 – 2031	Increasing the connectivity of the Evenlode with the floodplain will have wide ranging ecological benefits as well as providing additional flood storage.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
River Evenlode – reconnect floodplain to river at Blenheim to create wet woodland	Blenheim. Combe Mill. EA. Wild Oxfordshire.	£300,000 – £500,000	None	£300,000 – £500,000	Grant applications and charitable donations	Preferred 2016 – 2031	Increasing the connectivity of the Evenlode with the floodplain will have wide ranging ecological benefits as well as providing additional flood storage.
River Evenlode – Combe Mill restoration scheme	Blenheim. Combe Mill. EA. Wild Oxfordshire	£60,000	None	£60,000	Grant applications and charitable donations	Preferred 2016 – 2031	
River Evenlode - Reconnect paleochannels to reinstate historical meanders and improve habitat. (Bledington to Glyme confluence).	Cotswolds Rivers Trust. Wychwood Project. Wild Oxfordshire.	£37,500 - £50,000	None	£37,500 - £50,000	Grant applications and charitable donations	Preferred 2016 - 2031	Increasing the connectivity of the Evenlode with the floodplain will have wide ranging ecological benefits as well

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Foscot to Bladon.							as providing additional flood storage.
River Evenlode - Creation of backwater and lowering of bank to reconnect flood plain to the river channel in area of lower lying land. To improve floodplain connectivity near Chilson.	Cotswolds Rivers Trust. Wychwood Project. Wild Oxfordshire	£75,000 - £100,000	None	£75,000 - £100,000	Grant applications and charitable donations	Preferred 2016 – 2031	Increasing the connectivity of the Evenlode with the floodplain will have wide ranging ecological benefits as well as providing additional flood storage.
Restoration of Emma's Dike, Witney	Berks, Bucks and Oxon Wildlife Trust, EA, Lower Windrush Valley Project	£25,000	None	£25,000	Grant applications and charitable donations	Preferred 2016 – 2031	

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
<b>Informal and Formal Open Space</b>							
Children's play areas (District-wide)	WODC Parish/Town Councils Developers	<sup>20</sup> £2m.	Funding secured from various S106 Agreements towards play areas NE Witney,, Marriotts, Witney,, Woodstock, and East Eynsham totally approx £100,000	Approx £1.9m	On-site provision as part of development through S106  External funding (such as SITA Trust)	Necessary 2016 – 2023	£30,000 has been provided from the SITA Trust and Chill-Out Fund towards new play equipment at Burwell Recreation Ground.
Extension of Country Park, Carterton	WODC Town Council Developers	To be identified	£25,200 secured for Kilkenny Lane Country Park Phase 3 (S106)  The committed east Carterton scheme will provide for an extension to the Kilkenny Country	To be identified.	S106	Necessary 2016 – 2026	The committed urban extension to the east of Carterton will provide for an extension to the Kilkenny Country Park (S106). Other enhancements

<sup>20</sup> West Oxfordshire Open Space Study 2013 advised a contribution per person for play space provision to be £119.00. Based on the Census 2011 and the 2014 based Sub National Population Projections, the population increase in West Oxfordshire will increase by approximately 17,000 from 2011 to 2031. 119 (contribution per person for play space provision) x 17,000 (projected population increase to 2031) = £26m.



Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
			Park				and potential extensions from development (S106) as appropriate
Provision of additional allotments across the District	Town and Parish Councils Developers WODC	<sup>21</sup> £1.275m	None	£1.275m	On-site provision as part of development through S106  Private funding, charitable donations and local fundraising	Preferred 2016– 2031	Demand for allotments has significantly increased over the last 5 years. The West Witney urban extension will provide on-site provision which will help to reduce the current identified undersupply in Witney

<sup>21</sup> West Oxfordshire Open Space Study 2013 advised a contribution per person for allotment provision to be £75.00. Based on the Census 2011 and the 2014 based Sub National Population Projections, the population increase in West Oxfordshire will increase by approximately 17,000 from 2011 to 2031. 75 (contribution per person for allotment provision) x 17,000 (projected population increase to 2031) = £1.275m.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
Repair listed memorials in the churchyard at St. Mary's Church, Witney	WODC Witney Town Council Oxford Diocesan Historic England	£10,000	None	£10,000	Church Buildings Council funding  Grant applications and charitable donations	Necessary 2016-2018	
New and/or enhanced cemetery provision across the District	Town and Parish Councils Developers WODC Environment Agency	Not known. Likely to be the provision of land rather than financial contribution.	None	To be identified	S106  Grant applications and charitable donations	Preferred 2016 – 2031	
Informal open space – provision of and improvements to including accessible natural green	WODC Developers	<sup>22</sup> £5.1m	Contributions of £6,900 towards Budds Close, Woodstock Linear Park secured (S106)	Approx. £5.1m	On-site provision as part of development through S106	Necessary 2016 – 2031	

<sup>22</sup> West Oxfordshire Open Space Study 2013 advises a contribution per person for informal open space provision to be £300.00. Based on the Census 2011 and the 2014 based Sub National Population Projections, the population increase in West Oxfordshire will increase by approximately 17,000 from 2011 to 2031. 300 (contribution per person for informal open space provision) x 17,000 (projected pop increase to 2031) = £5.1m.

Infrastructure Project and Location	Delivery Partners	Estimated Cost	Funding already Secured and Funding Source	Funding Gap	Anticipated Funding Mechanism	Priority and Timescale	Comments
space across the District					Other funding sources to be identified.		