

PART B – INFRASTRUCTURE DELIVERY PLAN (WORKING DRAFT)

Position Statements - Baseline

This section comprises of position statements which sets out the baseline infrastructure provision, capacity and needs within the borough and therefore have been informed by a review of existing strategies and investment plans prepared by infrastructure providers. The statements sets out information on the following aspects:

- Lead organisation
- Main sources of information
- Existing provision
- Planned provision
- Sources of funding and costs
- Key issues and dependencies
- Summary and role of Local Plan and IDP
- Further information

The infrastructure types have been categorised under Social Infrastructure, Physical Infrastructure and Green Infrastructure.

Social Infrastructure

Health and Social Care

Primary Care

Category	Social Infrastructure
Type	Health and Social Care
Provision	Primary Care including GP surgeries and dentists
Lead Organisation(s)	<ul style="list-style-type: none">• NHS England South• NHS Coastal West Sussex Clinical Commissioning Group
Main Sources of Information	<ul style="list-style-type: none">• Delivering the vision: Five Year Strategy & Two Year Operational Plan (May 2015)• Operational Plan 2017 - 2019• A strategic asset plan is currently being prepared
Existing Provision	<p>Primary care is the first point of contact for most people and is delivered by a wide range of independent contractors including GPs, Dentists, Pharmacists and Optometrists. Secondary care includes services such as emergency care, community care, planned hospital care, mental health support and learning disability support.</p> <p>NHS England is the national body which receives funding from Government and commission specialist services, most primary care services, and national screening and immunisation programmes. It passes on two thirds of its budget to Local Clinical Commissioning Groups (NHS Coastal West Sussex Clinical Commissioning Group) who commission most services apart from Public Health services which are commissioned by Public Health England and Local Authorities.</p> <p>All GP practices now belong to NHS Coastal West Sussex CCG.</p> <p>GP Surgeries:</p> <ul style="list-style-type: none">• Broadwater Medical Centre• Cornerways Surgery• The Lime Tree Surgery• The Phoenix Surgery

	<ul style="list-style-type: none"> • Selden Medical Centre • St Lawrence Surgery • Strand Medical Group • Victoria Road Surgery • Worthing Medical Group <p>NHS Dental Surgeries:</p> <ul style="list-style-type: none"> • Worthing Dental Centre • Oasis Dental Centre • Grand Avenue Dental • Quality Dental Care • Findon Dental Care (Findon) • mydentist (Broadwater). <p>The Clinical Commissioning Group also commission services for mental health and learning disability through joint arrangements with the West Sussex County Council (WSSCC) Joint Commissioning Unit. The Acre, Arun House, Shepherd House and Worthing Hospital are assessment and treatment centres which provides care for adults with mental health problems.</p>
Planned Provision	<p>Current demand and exceptionally high staffing risk (national GP shortage) coupled with an ageing infrastructure not designed for current need is a significant issue. Supported improvements in infrastructure (joint usage, new build) and funding support for service provision to cover increased populations will be required from future development growth. GP surgeries in Worthing have a historic background of being operated from a former residential use and this legacy has had an impact in terms of the premises being equipped to meet operational requirements. Some surgeries are unable to expand their premises.</p> <p>The CCG has indicated that, based on the combined realistic residential capacities of the potential sites (approximately 1,650) within the Borough, would result in the requirement for a further two GP surgeries. However, the exact requirement, size and type of provision will be determined at the planning application stage to meet the confirmed needs arising from development. Options for expansion of existing facilities or new purpose build provision will be required, but with limited NHS investment, part of the improvement plan would need to be based on joint working, shared resources and potentially, CIL / Developer Contributions.</p>
Sources of Funding and Costs	NHS and developer contributions (CIL or S.106)
Key Issues and Dependencies	The strategy outlines a vision for more integrated care.

Summary and role of Local Plan and IDP	The Council will work with health care providers to deliver up to date appropriate healthcare facilities in accessible locations to meet local needs arising from developments in the Local Plan.
Further Information	NHS Coastal West Sussex Clinical Commissioning Group

Acute Care

Category	Social Infrastructure
Type	Health and Social Care
Provision	Acute Care and Hospitals
Lead Organisation(s)	<ul style="list-style-type: none"> • Western Sussex Hospitals NHS Foundation Trust • NHS Coastal West Sussex Clinical Commissioning Group • NHS England South
Main Sources of Information	<ul style="list-style-type: none"> • Western Sussex Hospitals NHS Foundation Trust Strategic Plan 2014-2019
Existing Provision	Worthing Hospital provides a full range of general acute hospital services including A&E, maternity, outpatients, day surgery and intensive care. It is also home to the West Sussex Breast Screening Centre. Salvington Lodge Community Hospital provides 27 inpatient rehabilitation beds. They provide a service for individuals who require more intensive treatment, than can be provided at home, but do not require admission to a larger acute general hospital.
Planned Provision	<p>The strategy includes a 5 year capacity analysis across the area and a capital plan: For Worthing Hospital, a new Emergency Floor was opened in 2014. Day surgery facilities at Worthing, however, are not dedicated, for which both an interim and a longer-term solution are required. A longer term solution is likely to require significant capital. An interim solution which would modify current arrangements to improve patient's experience is being sought. In addition to this at Worthing Hospital there will be:</p> <ul style="list-style-type: none"> • The centre for breast screening and breast surgery services for the Trust • Provision of diagnostic interventional cardiology services with a second catheter lab • The centre for laparoscopic urological cases and the option to develop urological pelvic cancer services.

Sources of Funding and Costs	None currently.
Key Issues and Dependencies	The elderly population of Worthing is likely to increase over time. This is likely to place greater demand on hospital services and therefore community care will become increasingly important to be able to treat as many patients as possible within the community where they do not require admission to an acute hospital.
Summary and role of Local Plan and IDP	The Council will work with health care providers to deliver up to date appropriate healthcare facilities in accessible locations to meet local needs arising from developments in the Local Plan.
Further Information	Western Sussex Hospitals NHS Foundation Trust Strategic Plan 2014-2019 Western Sussex Hospitals NHS Foundation Trust NHS Coastal West Sussex Clinical Commissioning Group NHS England

Sheltered, Supported & Extra Care Housing

Category	Social Infrastructure
Type	Health and Social Care
Provision	Sheltered, Supported and Extra Care Housing
Lead Organisation(s)	<ul style="list-style-type: none"> • West Sussex County Council • Worthing Borough Council • Private Providers

Main Sources of Information	<ul style="list-style-type: none"> • West Sussex Care Guide 2017 / 18 (West Sussex County Council) • West Sussex County Council website
Existing Provision	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. WSCC provide a range of services to support older people and people with a disability or mental health needs. These services include day centres, care homes, housing schemes, and shared use of community facilities. There are a number of day care centres in Worthing catering for a range of customer groups, 64 care homes plus an additional 21 care homes with nursing.
Planned Provision	None currently.
Sources of Funding and Costs	Delivered by developer or developer contributions (s.106 or CIL).
Key Issues and Dependencies	Many areas of the south coast of England attract people who have retired. This is particularly the case in Worthing and therefore the Borough experiences a high ageing population but also elderly people with high levels of disability and health problems. There is an increased requirement for specialist housing options. Worthing is a dementia friendly community and thus there is a need for future development to be designed for all life cycles of the population including dementia accessible environments.
Summary and role of Local Plan and IDP	The Local Plan will need to consider housing for older people including residential institutions as part of the housing requirement. The Local Plan will also need to ensure that development is designed to a high quality, is dementia friendly and accessible for all members of the community.
Further Information	West Sussex Care Guide 2017 / 18

Emergency Services

Ambulance

Category	Social Infrastructure
Type	Emergency Services
Provision	Ambulance
Lead Organisation(s)	<p>South East Coast Ambulance Service NHS Foundation Trust.</p> <p>South East Coast Ambulance Service NHS Foundation Trust (SECAmb) is part of the National Health Service (NHS). SECAmb formed in July 2006, as a result of the merger between the former ambulance trusts in Kent, Surrey and Sussex. It became a Foundation Trust on the 1st March 2011.</p>
Main Sources of Information	<ul style="list-style-type: none"> • Five Year Strategic Plan 2017 - 2022 (SECAmb, 2017) • South East Coast Ambulance Service (SECAmb) website
Existing Provision	<p>South East Coast Ambulance service covers a geographical area of 3,600 square miles (Brighton & Hove, East Sussex, West Sussex, Kent, Surrey, and North East Hampshire). Worthing Ambulance Station is located in Durrington which provides a base for approximately 150 staff, 30 vehicles, vehicle preparation centre and central stores for Sussex (east and west). There is an Ambulance Community Response Post located in Broadwater. Worthing Fire Station and East Preston Fire Station both of which have a small base with facilities, where ambulance crews can wait between calls.</p>
Planned Provision	<p>Demand is based on historical profiling to identify day to day activity. Plans in the next two years are to develop larger central reporting premises and use activity based response posts within the community to help achieve operational performance targets. There are new build plans for Falmer north of Brighton, Polegate, and Tongham (along with Tangmere). As and when gaps are perceived to be developing, fresh mapping will determine if there is a need to move or add response posts to the operational plan.</p> <p>Littlehampton and Shoreham ambulance services were centralised to Worthing in April 2018. Both Shoreham and Littlehampton ambulance stations will be retained as Ambulance Community Response Posts.</p>
Sources of Funding and Costs	<ul style="list-style-type: none"> • SECAmb

Key Issues and Dependencies	No new facilities have been identified in relation to the delivery of growth in Worthing.
Summary and role of Local Plan and IDP	The Local Plan and IDP has very little influence on the operation of SECAmb services.
Further Information	Five Year Strategic Plan 2017 - 2022 South East Coast Ambulance Service website

Police

Category	Social Infrastructure
Type	Emergency Services
Provision	Police
Lead Organisation(s)	Sussex Police & Crime Commissioner
Main Sources of Information	<ul style="list-style-type: none"> • Sussex Police and Crime Plan 2017 - 2021 • Sussex Police Estates and Facilities Department Estates Strategy 2013-2018 • Sussex Police & Crime Commissioner Medium Term Financial Strategy 2018 - 2022
Existing Provision	<p>Sussex Police is the local force and covers the whole of East and West Sussex. The Sussex Police & Crime Commissioner is responsible for policing and crime across both counties and for setting out the strategic direction and priorities for policing through the Police and Crime Plan. The Chief Constable is responsible for delivering local policing. There is a police station at Chatsworth Road, Worthing and a large police building (1,000sqm plus) at Centenary House, Durrington which also houses a private finance initiative funded custody centre. Centenary House is jointly owned by West Sussex County Council (WSCC) and Sussex Police. It is primarily used by WSCC although the Police lease approximately 40% of the building space. Centenary House is currently under utilised, with approximately 50% of the site now considered surplus to requirements. The building is one of the more expensive to maintain and operate and would require significant capital investment to bring back to an acceptable level. The site forms one of five One Public Estate West Sussex Partnership projects in the County. This is a national programme that brings public sector organisations together to improve public services, review and rationalise the public</p>

	estate, free up land to meet development needs and support economic growth.
Planned Provision	Where buildings are not in the right location, are underutilised or in a poor state of repair, Sussex Police will look to provide services in a better location within the area, ideally with partners. Centenary House falls within this category. As outlined in the Sussex Police Estate Strategy 2013 - 2018, Centenary House has been earmarked for replacement due to its location and condition. It is proposed to retain the police custody suite and to redevelop the remaining site area. Centenary House will be re-provided / relocated and replaced with new, modern and flexible provision within the local area, ideally in shared sites with blue light partners on new build sites. The project has been delayed due to the production of the emerging Sussex Police Estates Strategy 2017 - 2022 however it will be brought forward within the 2020 /2021 or 2021/22 financial year.
Sources of Funding and Costs	<ul style="list-style-type: none"> • 61% of funding is received through Central Government (Revenue Support Grant and Home Office Grant) • 39% of funding is received through Police Precept from Council Tax • CIL / s.106 • Funding was granted through One Public Estate West Sussex in 2017 to enable feasibility work to take place for the redevelopment of Centenary House <p>The funding received from Central Government Grant and Council Tax is used fund additional salary, maintenance and revenue costs and it is not sufficient to be used to cover the cost of capital infrastructure. Therefore funding is also required to be sought via CIL / s.106.</p>
Key Issues and Dependencies	Development will result in an increase in population and thereby there will be a need to deploy additional policing staff at a level consistent with the current policing in Worthing. It is anticipated that future growth will result in a demand for additional staff, start up capital costs associated with training and equipping staff, vehicles, relocation / re-provision of Centenary House, extension adaption of Chatsworth Road Police Station, extension adaption of Sussex Police HQ and ANPR cameras.
Summary and role of Local Plan and IDP	An increase in population will increase needs for the service. Planning has a key role in ensuring the creation of well-designed places where people feel safe and secure and where crime, or the fear of crime, does not undermine the quality of life or community cohesion.
Further Information	Sussex Police & Crime Plan 2017/21 Sussex Police Operational Delivery Plan 2017/18 Sussex Police Estates and Facilities Estates Strategy 2013 - 2018 Sussex Police Medium Term Financial Strategy 2018/19 to 2021/22 The Safer West Sussex Partnership Community Safety Agreement 2017-2020

Fire and Rescue

Category	Social Infrastructure
Type	Emergency Services
Provision	Fire and Rescue
Lead Organisation(s)	West Sussex County Council (Fire Authority)
Main Sources of Information	<ul style="list-style-type: none"> • West Sussex Fire & Rescue Service Community Risk Management Plan (West Sussex County Council) • The West Sussex Plan 2017 - 2022 (West Sussex County Council) • West Sussex County Council Budget Book 2018/19 & Medium Term Financial Strategy
Existing Provision	West Sussex County Council has a statutory responsibility under the Fire & Rescue Services Act 2004 to provide a Fire and Rescue Service. West Sussex Fire & Rescue Service (WSF&RS) carries out this statutory role. Worthing has one fire station located at Ardsheal Road, Broadwater which is an immediate response and retained duty fire station. This is a five bay station constructed in 1962. It houses 3 x water tender ladders, heavy rescue tender and aerial ladder platform.
Planned Provision	None currently
Sources of Funding and Costs	<p>Funding for the fire service comes from two principal sources:</p> <ol style="list-style-type: none"> 1. Precept - this is simply an amount of money collected by a Local Authority, from individuals, via their council tax which goes towards the cost of funding the fire and rescue service. 2. Grant settlement - A central government grant settlement paid to each fire authority. Each Fire and Rescue service has to negotiate its own grant according to size and demands on its services. <p>Developers should provide the infrastructure required to serve a new development at no cost to the emergency services. This may include contributions towards works to fulfil the Fire Authority's duty to ensure the provision of an adequate access and supply of water for firefighting and the provision of new firefighting services or facilities. The costs are based on the additional population coming from the new development.</p>
Key Issues and Dependencies	The special risks identified in the borough are: the large number of high rise buildings; Glaxo Smith Kline; Worthing Pier; Worthing hospital; the Connaught Theatre; and the major roads (A27, A24 and A259). West Sussex Fire and Rescue Service now deal with fewer fires but an

	increasing number of vehicle collisions and flooding. Greater emphasis is also now placed on undertaking work on fire prevention and community safety.
Summary and role of Local Plan and IDP	Population increases bring greater risks, more emergency calls and therefore more infrastructure may be required. New developments may be required to provide or contribute to the provision of facilities, infrastructure and services made necessary by development.
Further Information	West Sussex Fire & Rescue Service Community Risk Management Plan The West Sussex Plan 2017 - 2022 West Sussex County Council Budget 2018/19

Education

Pre-school (Childcare and Early Years)

Category	Social Infrastructure
Type	Education
Provision	Pre-school (Childcare and Early Years)
Lead Organisation(s)	<ul style="list-style-type: none"> • West Sussex County Council • Private Providers
Main Sources of Information	West Sussex County Council Planning School Places (2018)
Existing Provision	The Childcare Act 2006 sets out that the Local Authority (in this instance WSCC) so far as is reasonably practicable, should ensure the provision of childcare is sufficient to meet the requirements of parents in their area. There are a wide range of day nurseries, nursery schools/classes, crèches, childminders, pre-school playgroups, toddler groups and out of school care/holiday schemes within the borough. As of 1 April 2016 there were 3,903 childcare places in Worthing. There are 47 Children and Family Centres (CFCs) in West Sussex, each covering a 'reach' area of around 1000 children pre-birth to five. Every family with a child pre-birth to five living in West Sussex has access to some children and family centre services. Within Worthing there are 7 centres.
Planned Provision	The West Sussex Think Family Partnership works with families across West Sussex to build on their strengths and find solutions to any difficulties. Phase II commenced in April 2015 and has a new emphasis on children in need, domestic violence, health issues and early help.
Sources of Funding and Costs	Private childcare providers.
Key Issues and Dependencies	The Free Entitlement Early Years Provision (FE) is provided by the Government. It allows eligible 2 year olds and all 3 and 4 year olds access to free, good quality, flexible early education and care. From September 2014, the provision of FE to eligible 2 year olds became a statutory offer. Children can use up to 570 hours each year, or a maximum of 15 hours over 38 weeks, from a pre-school, nursery or an accredited childminder who are registered to offer free places. The demand for two year olds is expected to grow with approximately 2,750 (40%) children likely to have accessed FE from September 2014.
Summary and role of	For small developments (of less than 1000 homes), contributions may be sought for provision within the local area if a need is demonstrated.

Local Plan and IDP	Such provision could, for example, consist of enhancing the use of existing early education and childcare facilities or other community buildings in the area through physical adaptations and extensions or through management arrangements. Where there are developments to provide a high number of social housing residences, it is considered there will be the potential for greater demand for affordable childcare and access for two year old funded provision. The Local Plan should identify the need for these facilities through the policies for strategic sites.
Further Information	West Sussex County Council

Primary & Secondary Education

Category	Social Infrastructure
Type	Education
Provision	Schools
Lead Organisation(s)	West Sussex County Council
Main Sources of Information	West Sussex County Council Planning School Places (2018)
Existing Provision	West Sussex County Council is the Local Education Authority (LEA) for West Sussex. There are 22 primary schools, 6 secondary schools (none of which have post 16 provision) and 2 Special Education Needs & Disability (SEND) schools operating across Worthing Borough. There are two private Schools in Worthing - Lancing College Preparatory School and Our Lady of Sion School.
Planned Provision	In September 2015 the schools in the Borough underwent a change to the Age of Transfer at which pupils transfer between schools to bring them in line with the Key Stages of the National Curriculum. At that time changes to the schools' number of available primary spaces and accommodation were made to cater for the continued rise in primary pupil numbers. In some instances, schools will require additional temporary accommodation to cater for larger years groups moving through the school. <u>Durrington - Primary Provision</u> <ul style="list-style-type: none"> Planning School Places (2018) identifies that there will be a new primary academy (New Horizons) to commence in 2020 to comprise of 30 / 60 places per year over 7 years.

	<p>Overall, Planning School Places concludes that the current provision of places across the schools in the locality is sufficient to meet the demand from the cohorts in the primary schools.</p> <p><u>Worthing - Primary Provision</u></p> <ul style="list-style-type: none"> In 2016, Bramber and Whytemead schools underwent the provision of a bulge class with an additional 30 places for two year groups required to cater for class sizes in excess of Published Admission Number due to changes in the Age of Transfer <p><u>Worthing - Secondary Provision</u></p> <ul style="list-style-type: none"> Davison CE High School for High School for girls was expanded in 2015 with 30 places per year over 5 years <p>The current provision of places across the schools in the locality is sufficient to meet the demand from the cohorts in the primary schools.</p>
Sources of Funding and Costs	<p>Whilst central government will separately fund free schools and academies it also provides some funding to Local Authorities to cater for population growth from the Education & Skills Funding Agency. This funding is un-ring-fenced capital grant and is available to contribute to meet the demand for additional school places. There is also an expectation that funding will be obtained in the form of Developer Contributions and this will form a major element of the financing of the County Council's basic need programme for the provision of new school places. In some circumstances this will include the provision of new school sites.</p>
Key Issues and Dependencies	<p>Planning for School Places estimates that there will be a need of additional 628 secondary school places over the next 15 years. It is estimated that the pupil population for primary school places will decrease by 183 places over the next 15 years.</p>
Summary and role of Local Plan and IDP	<p>Infrastructure needs arising as a consequence of development will be expected to be met by the developer.</p>
Further Information	<p>West Sussex County Council</p>

Further Education & Adult and Community Learning

Category	Social Infrastructure
Type	Education
Provision	Further Education & Adult and Community Learning
Lead Organisation(s)	West Sussex County Council
Main Sources of Information	West Sussex County Council Planning School Places (2018)
Existing Provision	<p>Worthing College is the sixth form college in Worthing and has around 1,000 students. The college moved in August 2013 to its new Broadwater campus - Northbrook College. Northbrook College is the principal provider of work-related further education in the area. They are also the largest provider in West Sussex of undergraduate courses for the creative and cultural industries. The college additionally has contracts for Apprenticeship training, Adult and Community Learning as well as providing courses in most work-related areas as well as those for personal development. Northbrook College is one of the largest educational establishments in Sussex, with approximately 1,000 staff and 16,000 full and part time students.</p>
Planned Provision	None currently known.
Sources of Funding and Costs	<p>Most FE colleges and adult and community learning services currently receive most of their funding from the Skills Funding Agency. Colleges may also deliver regular programmes to employers for which the full costs are charged. Some adult and community learning services may receive resources for work they carry out for local and health authorities. For 16 – 19 years sixth form provision, Planning for Schools 2018 states: “Whilst central government separately funds new free schools and academies, it also provides some funding to Local Authorities to cater for population growth, from the Education and skills Funding Agency (ESFA). This funding is an un-ring-fenced capital grant and is available to contribute to meet the demand for additional school places. There is also an expectation that funding will be obtained in the form of Section 106 Developer Contributions and through the Community Infrastructure Levy (CIL). These contributions will form a major element of the financing of the County Council’s basic need programme for the provision of new school places. In some circumstances, this will include the provision of new school sites and the developer building schools on behalf of the Local Authority, which would then open as academies.</p>
Key Issues and Dependencies	<p>Ensuring residents have access to appropriate training /educational facilities is important for tackling low skills levels and educational deprivation. Providing and protecting employment floor space increases the opportunities for business to locate in Adur and offer apprenticeships which may require upskilling through FE courses.</p>

Summary and role of Local Plan and IDP	Infrastructure needs arising as a consequence of development will be expected to be met by the developer.
Further Information	West Sussex County Council

Community

Libraries

Category	Social Infrastructure
Type	Community
Provision	Libraries
Lead Organisation(s)	West Sussex County Council
Main Sources of Information	West Sussex County Council website
Existing Provision	There are existing local libraries at; Broadwater, Durrington, Goring-by-Sea, Findon Valley and the main Worthing Town Centre library. There is also a mobile library service provision which visits certain areas of the town on specified days.
Planned Provision	None currently.
Sources of Funding and Costs	Funding sources include WSCC capital funds and developer contributions.
Key Issues and Dependencies	At present, there is sufficient capacity. WSCC is continuing to explore opportunities for shared provision and use of buildings, expanding the virtual offer of the provision of unstaffed collections with self service terminals and a reassessment of the effectiveness of current library locations. In general this will mean a much more flexible approach to providing access to the Library Service. The requirement for infrastructure to support additional developments will need to be equally flexible and creative.
Summary and role of Local Plan and IDP	The Local Plan has a role in providing policies that will ensure that library services meet the needs of the community.
Further Information	West Sussex County Council website

Youth Facilities

Category	Social Infrastructure
Type	Community
Provision	Youth facilities
Lead Organisation(s)	West Sussex County Council
Main Sources of Information	West Sussex County Council - West Sussex Youth Service
Existing Provision	<p>The Youth Service provides informal, educational, social and personal development opportunities for young people between 11 and 25 with a priority age range of 13-19. Youth hubs and clubs are available at:</p> <ul style="list-style-type: none"> • Maybridge Keystone Club in Goring-by-sea, • Worthing youth theatre in Durrington, • Youth hub@Glynn Owen in Worthing youth hub@The Rosie in Durrington • Find It Out Centre in Worthing <p>There are also a number of other groups that provide a variety of activities for young people such as the Scouting movement of which there are some 13 groups across Worthing including sea scouts. And also St John Ambulance.</p>
Planned Provision	There is currently no planned provision.
Sources of Funding and Costs	WSCC
Key Issues and Dependencies	Large scale strategic development and small scale development which has a larger cumulative impact may result in the need for more youth centres.
Summary and role of Local Plan and IDP	It is not anticipated that any significant issues will be identified as a result of potential development.
Further Information	West Sussex County Council website

Community Spaces and Centres

Category	Social Infrastructure
Type	Community
Provision	Community Spaces and Centres
Lead Organisation(s)	Worthing Borough Council
Main Sources of Information	Worthing Borough Council
Existing Provision	There are 14 community centres located across Worthing. Worthing has numerous community spaces available for use by community groups and for private and group hire. A number of these spaces are flexible and multi-use spaces. Many are owned by Worthing Borough Council and leased to community groups, whilst others are owned and run by West Sussex County Council, faith or other community and voluntary groups. IT Junction is a new service hosted in a neighbourhood venue where residents over 18 years of age can gain free access to a computer and the internet, including one to one support and online courses. There are 7 IT Junctions for over 18s in Worthing
Planned Provision	There is a new community building to be provided as part of the Land West of Durrington development.
Sources of Funding and Costs	<ul style="list-style-type: none"> • S.106 or CIL contributions • Worthing Borough Council Capital Investment Programme • External funding bids such as national lottery fund.
Key Issues and Dependencies	It is considered that the provision of facilities for use by the community is sufficient to meet current needs. However the location and type of facilities may not always match the needs of groups.
Summary and role of Local Plan and IDP	The creation of sustainable communities is an important component of health and wellbeing. If a need is identified as a result of development, the Local Plan could assist in finding new sites for community and voluntary groups. This is expected to be of particularly relevant if the Local Plan proposes any new communities.
Further Information	IT Junction Adur & Worthing Councils Website

Sport & Leisure

Outdoor Sport & Recreation

Category	Social Infrastructure
Type	Sport and Leisure
Provision	Outdoor Sport and Recreation (playing fields and play areas)
Lead Organisation(s)	<ul style="list-style-type: none"> • Worthing Borough Council • Sport England
Main Sources of Information	<ul style="list-style-type: none"> • Adur and Worthing Playing Pitch Strategy (March 2014) • Adur and Worthing Playing Pitch Strategy Assessment Report (March 2014) • Adur and Worthing Open Space Study (March 2014) • Adur and Worthing Councils • Play Area Prioritisation Review Joint Overview and Committee (27 July 2017)
Existing Provision	<p>Worthing has a wide variety of outdoor sports facilities run by the public, private and third sectors. There are 22 sites across Worthing catering for a variety of sports. They are provided to meet the play and development needs of children and young people and include; traditional play equipment, Multi Use Games Areas (MUGA), Play Walls, Skateboard facilities, Basketball and outdoor/Gym style equipment. The Playing Pitch Strategy highlights there is currently spare capacity at:</p> <ul style="list-style-type: none"> • Hillbarn Recreation Ground for football, and cricket • Manor Ground has two mini football pitches which have spare capacity • Paletine Park has two adult, two mini and five youth pitches that have been identified to have spare capacity • Thomas A Beckett Junior School has spare capacity for Football, Cricket and Rugby • Field Place and Beach House Park have significant spare capacity for bowls. <p>There is some unmet hockey demand expressed by clubs particularly for training purposes. Worthing HC highlights that it is unable to field any additional teams as there would be a lack of availability for training. The Open Space Assessment Report identifies 33 sites for provision for children and young people in Worthing. Most of these are identified as being of LEAP classification, which is often viewed as sites with a reasonable amount and range of equipment; designed to predominantly cater for unsupervised play. Private water sports provision exists such as at Worthing Sailing Club, Worthing rowing club, Sussex Water Sports Beach Activities Centre and The Baker Academy specialising in</p>

	<p>kitesurfing, windsurfing and paddle boarding.</p> <p>The Playing Pitch Strategy sets out an action plan which seeks to address surpluses and deficiencies and provides recommended actions for each site. For further information please refer to the Delivery Schedules.</p> <p>The Playing Pitch Strategy will be updated in due course to provide an up-to-date robust assessment.</p>
Planned Provision	<p>The construction of new play areas and activity zones is continuing as part of the Council's ongoing maintenance and capital refurbishment programmes. Refurbishment has recently taken place at Pond Lane Recreation Ground, Dominion Road Play Area, The Gallops Homefield Park Skate Park and Hillbarn Lane Recreation Ground play area. The Play Area Prioritisation Review Joint Overview and Committee Report identifies that a capital bid has been submitted to refurbish Palatine Park play area as part of the 18/19 Capital programme. The water based facility at Worthing Leisure Centre has been converted to 6 3G football pitches. The athletics track at Worthing Leisure Centre is identified as the main facility in the area. It is the home of Worthing and District Harriers. The Club reports it has submitted funding applications in order to carry out site improvements relating to track and ancillary facilities [Is this still applicable?]. A skate park facility is due to be provided as part of the West Durrington development</p>
Sources of Funding and Costs	<ul style="list-style-type: none"> • Worthing Borough Council Capital Investment Programme • Developer contributions
Key Issues and Dependencies	<p>The 2016 Strategic Housing Land Availability Assessment (December 2016) identifies Worthing United Football Club, Beeches Avenue (Site Reference: WB08162). The site is currently being promoted for development alongside the adjoining site to the west. These are being considered alongside a number of other sites as part of the new Worthing Local Plan review process. Further evidence is still being gathered as part of that process and as such, this site is rejected for the purposes of this study but will be closely monitored</p>
Summary and role of Local Plan and IDP	<p>The NPPF requires that planning policies are based on robust and up-to-date assessments of the needs for open space, sports and recreation facilities and opportunities for new provision. The assessments should identify specific needs and quantitative or qualitative deficits or surpluses of open space, sports and recreational facilities in the local area. Information gained from the assessments should be used to determine what open space, sports and recreational provision is required.</p>
Further Information	<p>Adur & Worthing Councils Playing Pitch Strategy (2014)</p> <p>Adur & Worthing Councils Playing Pitch Strategy Assessment Report (2014)</p> <p>Adur & Worthing Open Space Study: Open Space Assessment Report (2014)</p> <p>Adur & Worthing Open Space Study Standards Paper (2014)</p>

	<p>Adur and Worthing Councils Website</p> <p>Play Area Prioritisation Review Joint Overview and Scrutiny Committee Report (2017)</p> <p>Worthing Strategic Housing Land Availability Assessment (2016)</p>
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Indoor Sports Facilities

Category	Social Infrastructure
Type	Sport and Leisure
Provision	Indoor sports facilities
Lead Organisation(s)	<ul style="list-style-type: none"> • Worthing Borough Council • South Downs Leisure
Main Sources of Information	<ul style="list-style-type: none"> • Adur and Worthing Councils Indoor Sports Facilities Assessment Report (December 2013) • Adur and Worthing Open Space Study (March 2014) • Adur and Worthing Councils website <p>The Indoor Sports Facilities Assessment will be updated in due course to provide an up-to-date robust assessment.</p>
Existing Provision	Worthing Leisure Centre, Davison Leisure Centre, Splashpoint Leisure Centre, Field Place and the Fitness Centre at Worthing College are all operated by South Downs Leisure Trust. Splashpoint Leisure Centre opened in 2013 as a new venue providing high quality facilities. Many of Worthing's schools and community centres provide the opportunity to use their indoor recreation/sports facilities. There are also private leisure facilities in Worthing such as a David Lloyd Centre and other smaller fitness suites and independent gyms.
Planned Provision	Worthing Leisure Centre located in Durrington is in need of substantial refurbishment or replacement in the future. South Downs Leisure has recently extended the car park at Field Place by approx. 60 spaces and has indicated a need for another swimming pool in Worthing as a

	result of the success of Splashpoint.
Sources of Funding and Costs	<ul style="list-style-type: none"> • Worthing Borough Council Capital Investment Programme • Government grants • Developer funding
Key Issues and Dependencies	<p>South Downs Leisure has improved the quality of facilities by closing down the former Aquarena Leisure Centre and opening Splashpoint Leisure Centre. Splashpoint has a 25 metre 6 lane pool, teaching and diving pool and a leisure pool. Visitor numbers have increased from 325,000 to over 650,000 since the new leisure centre has opened. However, the swimming pool Splashpoint is now at capacity. Future growth will place an increase demand for indoor sports facilities, in particular swimming facilities.</p> <p>The Indoor Sports Facilities Assessment report recommends that it is prudent to assume that in 10-15 years that a dry centre for Worthing will be required. Therefore on this basis, Worthing needs to ensure that it has sufficient indoor leisure activities and premises to cater for both residents and visitor requirements in the future. It is likely that demand for leisure facilities will increase in the future so it is important that this demand is met.</p>
Summary and role of Local Plan and IDP	The Local Plan will support this sector by providing the opportunities to develop new or improve existing facilities to cater for unmet future demand arising from planned development.
Further Information	<p>Adur & Worthing Councils Indoor Sports Facilities Assessment Report (2013)</p> <p>Adur & Worthing Open Space Study: Open Space Assessment Report (2014)</p> <p>Adur and Worthing Councils Website</p>

Allotments

Category	Social Infrastructure
Type	Sport and Leisure
Provision	Allotments
Lead Organisation(s)	<ul style="list-style-type: none"> • Worthing Borough Council • Worthing Allotment Management (WAM)
Main Sources of Information	<ul style="list-style-type: none"> • Adur and Worthing Councils website • Adur and Worthing Open Space Study (March 2014)
Existing Provision	<p>There are eight allotment sites in Worthing providing 1,000 plots. The largest are located at the West Tarring site (454 plots) and Chesswood site (356 plots). This exceeds The National Society of Allotment and Leisure Gardeners national standard. Any resident within the Borough over the age of 18 may apply to rent an allotment plot. The plots are of varying sizes with the average size of a plot is 126. square metres (5 square rods). A waiting list is currently in operation for all allotment sites. Worthing Borough Council owns all of the allotment land and manages Humber Avenue allotments however the remaining allotment sites are managed by Worthing Allotment Management (WAM). WAM is a voluntary group who self manage Worthing allotments on behalf of Worthing Borough Council.</p>
Planned Provision	<p>As part of the outline planning permission (11/0275/OUT) for the West Durrington Strategic Development site in Worthing, it is proposed to provide allotment facilities comprising of twelve standard gardening plots, five raised beds with disabled access and two plots for use as a community garden.</p>
Sources of Funding and Costs	<ul style="list-style-type: none"> • Worthing Borough Council Capital Investment Programme • Allotment annual charges • External grant funding - accessible to WAM e.g. Operation Watershed (WSCC funding for sustainable water management)
Key Issues and Dependencies	<p>The Adur and Worthing Councils Open Space Assessment states that there is a general demand for the creation of additional allotment provision with existing allotments operating at full capacity, with some sites, particularly the smaller sites having a waiting list with an average waiting time of several years as a result of low turnover of tenancy. Allotment gardening makes an important contribution to the quality of people's lives. Allotment gardening has an important role to play in creating and maintaining healthy neighbourhoods and sustainable communities. It can provide health benefits improving both physical and mental health. It provides a source of recreation and contributes to green and open space provision. They also help in adapting to and mitigating against the adverse impacts of climate change by encouraging the</p>

	<p>provision of locally sourced food. Allotment use has increased in popularity in recent years. In addition, allotments are important places for wildlife to live, for example with hedgerows, compost heaps and fruiting plants providing nectar sources as well as nesting / hibernation places.</p>
<p>Summary and role of Local Plan and IDP</p>	<p>Allotments are a form of open space. The Local Plan will have a role in ensuring development sites provide adequate open space.</p>
<p>Further Information</p>	<p>Adur & Worthing Council's Website</p> <p>Adur & Worthing Open Space Study: Open Space Assessment Report (2014)</p>

Faith

Places of Worship

Category	Social Infrastructure
Type	Faith
Provision	Places of worship
Lead Organisation(s)	Various
Main Sources of Information	<ul style="list-style-type: none"> • A Community Cohesion Mapping Report for the Adur and Worthing Area (2010) • Worthing Churches
Existing Provision	There are approximately 51 recognised places of worship in the borough with the majority of worshippers being of a Christian faith. These serve a variety of practising faiths and include churches, halls and a mosque. Places of worship are managed by the individual faith groups. Some faith groups also lease or rent rooms in other buildings/ community halls used for evening or weekend worship.
Planned Provision	<p>The Council is aware of demand for some existing accommodation to be expanded and that there is also a demand for alternative accommodation that better meets operational requirements. As a result, some accommodation is no longer fit for purpose and has become redundant.</p> <p>The need for larger premises is due to the provision of wider services/activities being provided to the community rather than an increase in worshipper numbers. The Council will consider planning applications for expansion proposals or change of use on its merits.</p>
Sources of Funding and Costs	Various
Key Issues and Dependencies	Faith can help create a sense of community and aid social cohesion. Some faith communities have significant resources (people, networks, organisations, buildings) and an important and distinctive role in the voluntary and community sector.
Further Information	A Community Cohesion Mapping Report for Adur and Worthing Area (2010)

Burials and Cremations

Category	Social Infrastructure
Type	Faith
Provision	Burials and cremations
Lead Organisation(s)	Worthing Borough Council
Main Sources of Information	Worthing Borough Council
Existing Provision	<p>There are number of cemeteries in Worthing some of which are no longer used for burials. Those that are still in use are:</p> <ul style="list-style-type: none"> • Broadwater Cemetery (no new graves - only reopens and ashes) • Durrington Cemetery • Worthing Crematorium (Cremations only) <p>Worthing has a higher percentage of cremations (90%) compared to the national average (70%).</p>
Planned Provision	<p>Burial spaces for interments (traditional grave spaces) are at limited capacity. The Council's Capital Investment Programme (November 2017) includes a budget provision of £369,300 to extend Durrington Cemetery through the provision of additional burial spaces to accommodate burials for approximately 35 years. It is anticipated that the main works will be undertaken in 2018/19.</p> <p>At present, there is sufficient capacity for the remaining grave types such as lawn, cremated remains, Muslin and Children's graves.</p>
Sources of Funding and Costs	<ul style="list-style-type: none"> • Worthing Borough Council Capital Investment Programme 2017 / 2018
Key Issues and Dependencies	<p>Increasing housing and a resulting increase in population coupled with an existing ageing population, will increase demand and reduce the level of remaining capacity at a faster rate. However, declining burial rates and increasing numbers of cremations mean the expansion to Durrington Cemetery that is intended to last 35 years is likely to be a conservative estimate. This will need to be monitored and reviewed in</p>

	<p>the future.</p> <p>Authorities must decide individually whether to extend current provisions or provide new cemeteries. Future provision will need to be addressed as it is important to provide burial facilities locally. The Council has to maintain existing cemeteries, but it does not necessarily fall to the Council to provide the facilities or meet any shortfall directly.</p> <p>Given the increase in cremations being a preferred choice, demand will increase on the operational capacity of Worthing Crematorium. The Council will need to monitor the capacity rates and whether the crematorium facilities will need to be expanded / additional staffing is required to being able to address the demand.</p>
Summary and role of Local Plan and IDP	There may be a limited role for the Local Plan in terms of identifying future sites if they are not secured by other means.
Further Information	2nd Capital Investment Programme & Projects Monitoring 2017 / 2018

Cultural

Category	Social Infrastructure
Type	Cultural
Provision	Museums, Theatres, Cinemas, Galleries, Public Art
Lead Organisation(s)	Worthing Borough Council
Main Sources of Information	<ul style="list-style-type: none"> • A Commitment to Culture - Adur and Worthing Cultural Strategy (2016)
Existing Provision	Worthing Theatres is made up of four venues: Connaught Theatre & Studio Theatre, Pavilion Theatre and The Assembly Hall. Worthing Museum and Art Gallery holds the third largest costume collection in the country. A number of projects have been undertaken to create an Active Beach Zone in Worthing around Splashpoint. Including the conversion of beach chalets at East Beach to artist studios plus gallery and workshop space, public space at Splashpoint including an outdoor performance space and interactive fountain centrepiece. Work has completed on a new interactive water play area at Beach House Grounds and voluntary organisations such as Creative Waves have made important contributions to public art in Beach House Grounds and along the pier. There is also an annual Worthing Art Trail and Open Houses.
Planned Provision	None planned
Sources of Funding and Costs	There are a range of funding sources including s.106 contributions/CIL monies, national lottery funding, EU, and contributions from the community and voluntary sectors.
Key Issues and Dependencies	None identified
Summary and role of Local Plan and IDP	Public Art should be considered at an early stage so it can be incorporated into development as part of good design. The Local Plan may have a role here through the formation of design policies. Cultural facilities have an important role in facilitating social cohesion as well as supporting the local economy.
Further Information	A Commitment to Culture - Adur and Worthing Cultural Strategy (2016)

Physical Infrastructure

Transport

A27 Strategic Road Network

Category	Physical Infrastructure
Type	Transport
Provision	A27 Strategic Road Network
Lead Organisation(s)	<ul style="list-style-type: none"> • Highways England • West Sussex County Council
Main Sources of Information	<ul style="list-style-type: none"> • Roads Investment Strategy: for the 2015/16 - 2019/20 Road Period (Department for Transport, 2015) • Highways England Delivery Plan 2015 - 2020 (2015, Highways England) • A27 Corridor Feasibility Study (2015, Department for Transport) • A27 Worthing & Lancing Improvements Scheme - Public Consultation (2017, Highways England) • West Sussex Transport Plan 2011-2026 (2011, West Sussex County Council) • Action for Roads: a network for 21st century, (2013, Department for Transport) • Highway Infrastructure Asset Management Strategy 2016 - 2018 (2016, West Sussex County Council)
Existing Provision	Highways England operates, maintains and improves England's motorways and major A roads including the A27 – the east to west route running along the whole of the northern edge of Worthing and also the A24 – north to south main route into the town centre (The strategic route of the A24 is north of Offington Roundabout).
Planned Provision	Highways England has announced a series of intentions to improve the A27 and has funded a feasibility study to investigate congestion in the Worthing to Lancing corridor. Public consultation on the proposed improvements was carried out between July - September 2017. It is proposed to improve 6 key junctions along the 6km route from Worthing to Lancing.
Sources of Funding and Costs	Subject to preferred scheme announcement and successful value for money appraisal, Central government would fund the Worthing to Lancing Improvement scheme and has allocated a budget of between £50 million and £100 million. Delivery of infrastructure (or mitigation measures) on the A27 resulting from development proposed through the Local Plan is anticipated to be led by developers of sites or through

	developer contributions.
Key Issues and Dependencies	<p>Many of the junctions on the A27 through Worthing and Lancing are over capacity and severe delay is experienced during network peak periods. Due to population growth and increased economic activity in the region there will be even more traffic using the A27 through Worthing and Lancing in the future. Even if greater reliance on public transport, walking and cycling could reduce some of the future demand for car travel, this is unlikely to solve the problems of queueing and congestion on the A27 through Worthing and Lancing.</p> <p>The A27 passes through a residential area which has led to some sections in Worthing being declared an AQMA and experiencing noise problems. According to the A27 Worthing and Lancing Improvements Scheme Public Consultation report, there are an above average number of accidents on the A27. From 1 June 2010 to 31 May 2015, there were 224 collisions on the A27 between Hollyacres in the west and Grinstead Lane / Manor Road in junction in the east.</p>
Summary and role of Local Plan and IDP	As noted in the NPPF, it will be the function of the Local Plan to assess the quality and capacity of infrastructure for transport and its ability to meet forecast demands. The Local Plan will be informed by a Transport Study to identify any highway or demand management mitigation required. These will be detailed within the Infrastructure Implementation Plan.
Further Information	<p>Road Investment Strategy: for the 2015/16 - 2019/20 Road Period</p> <p>Highways England Delivery Plan 2017 - 2018</p> <p>Highways England Delivery Plan 2015 - 2020</p> <p>A27 Corridor Feasibility Study</p> <p>A27 Worthing & Lancing Improvement - Public Consultation</p> <p>West Sussex Transport Plan 2011 - 2026 (2011)</p> <p>Action for Roads: a network for the 21st century</p> <p>Highway Infrastructure Asset Management Strategy 2016 to 2018</p>

Local Road Network

Category	Physical Infrastructure
Type	Transport
Provision	Local Road Network
Lead Organisation(s)	West Sussex County Council
Main Sources of Information	<ul style="list-style-type: none"> • West Sussex Transport Plan 2011-2026 (2011, West Sussex County Council) • Worthing Borough Council Worthing Local Plan Transport Assessment (2018)
Existing Provision	The A259 is the main non-strategic local roads and is the coastal route running along the southern edge of Worthing. The A2032 Littlehampton Road provides a more central arterial route through to the western fringes of the town. The A24 from south of Grove Lodge (A24) link in and out of Worthing). Detailed Design work commenced in July 2017 and will last until summer 2018. Subject to acquiring the required land, it is anticipated that construction could start in late spring/early summer 2018.
Planned Provision	A lot of new housing and commercial development is planned north of Littlehampton in the coming years. The emerging Arun Local Plan recognises that expected development will only increase the current traffic issues. If these traffic problems on the A259 are not addressed, the positive impacts of increased access to new homes and jobs may not be achieved. The project will widen approximately 2km of the existing single carriageway on the A259 to a dual carriageway. The A259 Corridor improvements (Arun East) proposes improvements to the A259 from Littlehampton up to the Goring Crossways roundabout in Worthing. The design will include improvements to the layout of junctions and will increase the amount of dual carriageway along the route. Where new roads are proposed there may also be opportunities to deliver green infrastructure as part of the design.
Sources of Funding and Costs	The proposals are expected to be funded from developer contributions and funding from West Sussex County Council (WSSCC) and Government grants secured through Coast to Capital Local Enterprise Partnership.
Key Issues and Dependencies	The Borough Council is not the designated highways authority for the town. West Sussex County Council has responsibility for the provision and maintenance of most of the town's local transport infrastructure. The Borough Council cannot solve the problems of traffic congestion or improve sustainable transport modes. The A259 plays a complementary role to the A27 and experiences heavy congestion in many places. This affects all vehicles including public transport, causing air quality and noise issues. Some junctions along the route have high casualty rates and are in need of improvements to address the casualty rates. The condition of Worthing's roads remains in need of constant upgrade and repair and this has led to the ongoing maintenance programme in Worthing.
Summary and role of	The Local Plan and IDP will assist the Borough Council and the County Council in identifying road transport infrastructure requirements and

Local Plan and IDP	<p>how they can be delivered. The Local Plan is informed by a Transport Assessment Study which identifies residual impacts at the following junctions:</p> <ul style="list-style-type: none"> • A27 / Beeches Avenue • A250 / A2032 Goring St roundabout • Poulters Lane / Offington Lane • Durrington Lane / A2032 / The Boulevard <p>The study proposes a mitigation package to ensure that the sites can be delivered without significant detrimental impact upon the performance of the transport network. This comprises some potential improvements to the highway network, sustainable transport measures, and expected benefits of the implementation of the Highways England RISI Worthing – Lancing improvements.</p> <p>The Local Plan will also include policies that seek to improve the road network and provide sustainable forms of transport in line with national policy.</p>
Further Information	<p>West Sussex Transport Plan 2011 - 2026 (2011)</p>

Rail Services and Facilities

Category	Physical Infrastructure
Type	Transport
Provision	Rail Services and Facilities
Lead Organisation(s)	<ul style="list-style-type: none"> • Network Rail (infrastructure provider) • Govia Thameslink Railway (service provider)
Main Sources of Information	<ul style="list-style-type: none"> • South East Route: Sussex Area Route Study (2015, Network Rail) • Delivering a better railway for a better Britain: Network Specification South East Route (2016, Network Rail) • West Sussex Transport Plan 2011-2026 (2011, West Sussex County Council)

Existing Provision	West Sussex is well served by rail connections with rail forming the backbone of the public transport network. There are 5 stations within Worthing Borough at Goring-by-sea, Durrington-on-sea, West Worthing, Worthing and East Worthing. The primary routes go from east to west but there are several mainline services to London and Gatwick Airport. The WSCC Transport Plan acknowledges that journey times on the West Coastway between Brighton and Southampton are slow and do not compare well against travelling by road. Level crossings on the West Coastway contribute to the levels of congestion, especially during peak periods, disrupting journey times and increasing traffic pollution. The current rail services to Gatwick Airport, London, along the Brighton Main Line and between Brighton and Chichester have been reaching capacity during peak times. Annual rail passenger usage recorded at Worthing station was 2.104 million between 2016/17. This was a decrease from 2.578 million recorded between 2015/16. It is likely that the reduction in passenger numbers between 2016/17 was as a result of service performance. Car parking at Worthing station has an average occupancy between 50-60%.
Planned Provision	West Sussex County Council Transport Plan identifies the following aims in relation to rail: <ul style="list-style-type: none"> • Working with rail partners to improve access to stations and integration with other modes of transport, particularly through the Southern station travel plan process for Worthing Station. • With the rail industry, explore opportunities to provide faster services and additional modern capacity along the West Coastway which retain a suitable balance of stopping services along the route.
Sources of Funding and Costs	The rail network is funded primarily by the Department of Transport through franchise agreements with the Train Operating Companies for the provision of services, and through Network Grant to Network Rail for infrastructure provision. In addition, Local Authorities also have powers to fund improvements to rail services and facilities, such as new stations, interchanges and improved access.
Key Issues and Dependencies	The coastway infrastructure is mainly a two track railway throughout with limited opportunities for overtaking of differing types of train services. To the west of Brighton, the only passing places are at Barnham for westbound services and at Worthing and Hove for eastbound services, and this can create reliability problems. However, there are local and regional aspirations to expand the role of the Coastway, by improving strategic inter-urban journey times and also by increasing accessibility to the network with new stations.
Summary and role of Local Plan and IDP	The Local Plan needs to take a co-ordinated approach to transport, including promoting alternative modes of transport to the car and hence, greater use of public transport. This will include rail services. The use of rail services by residents and visitors will be part of an overall policy aim to increase the use of sustainable modes of transport. It is acknowledged that the Council only has a limited role in determining the outcome of investment decisions on the local rail network. Partnership working with WSCC and the rail operators will be important in terms of delivering new infrastructure and measures to increase rail passenger numbers.
Further Information	South East Route: Sussex Area Route Study Delivering a better railway for a better Britain: Network Specification 2016 South East Route West Sussex Transport Plan 2011 - 2026 (2011)

Car Parking

Category	Physical Infrastructure
Type	Transport
Provision	Parking
Lead Organisation(s)	<ul style="list-style-type: none"> • West Sussex County Council • Worthing Borough Council
Main Sources of Information	West Sussex Transport Plan 2011-2026 (West Sussex County Council, 2011)
Existing Provision	<p>There are 10 car parks in or within close proximity to Worthing Town Centre. These car parks used to be managed by NCP but have recently been taken over by the Council.</p> <p><u>Long stay town centre multi-storeys</u></p> <ul style="list-style-type: none"> • Buckingham Road multi-storey car park • Grafton multi-storey car park • High Street multi-storey car park <p>Teville Gate multi-storey car park recently closed in November 2017 and was recently demolished (2018) as part of the long term wider redevelopment of the area.</p> <p><u>Long stay</u></p> <ul style="list-style-type: none"> • Beach House East • Beach House West • Brooklands - Western Road • Lyndhurst Road (hospital) • Marine Crescent <p><u>Short stay</u></p> <ul style="list-style-type: none"> • High Street surface car park • Civic centre (weekends only).

	<p>Around the town centre, there is an extensive choice of charged on-street parking bays set out in Controlled Parking Zones.</p> <p>There are two public electric charging points located at Brooklands Western Road car park and High Street multi-storey car park. An additional charging point is to be installed at the Civic Centre car park.</p>
Planned Provision	<p>Planning permission (AWDM/0090/17) has recently been granted for a change of use from redundant tennis courts at Beach House Park to parking facilities for lease to Worthing Hospital or other local service providers for public and employee parking.</p> <p>The Council and West Sussex County Council are working in partnership to deliver a series of public realm improvements (£5m - £10 million) to Worthing Town Centre. The aim of the scheme is to improve the quality of connections between Worthing train station, the seafront and key redevelopment sites. The areas for focused improvements are: Montague Street; Portland Road, South Street; Chapel Road and Worthing Station / Teville Gate. An options appraisal study went out to an informal consultation in January 2018 and it is intended that a full public consultation on the preferred option will be undertaken later in 2018.</p>
Sources of Funding and Costs	<ul style="list-style-type: none"> • West Sussex County Council • Worthing Borough Council
Key Issues and Dependencies	<p>There is insufficient on-street space to meet current demands for parking in central areas, which has led to waiting lists for residential parking permits. Parking in contravention of parking restrictions also causes congestion and delays.</p> <p>West Sussex County Council has identified Worthing as a priority area to be subjected to a Road Space Audit (RSA) to determine if there are other ways to consider existing and future parking demands. It is intended that the outcome of the RSA is to inform the production of a strategic plan for a particular place that defines how parking, various alternative travel solutions, infrastructure improvements, safety considerations and future development can be integrated so that the road network is used and managed in the most efficient way.</p>
Summary and role of Local Plan and IDP	<p>The Local Plan needs to take a co-ordinated approach to combining development with accessibility and transport issues. Reducing the reliance on the car and providing alternatives are part of the overall strategy.</p>
Further Information	<p>West Sussex Transport Plan 2011 - 2026 (2011)</p> <p>Worthing Public Realm Options Appraisal Study</p> <p>Road Space Audits</p> <p>Worthing Borough Council</p>

Bus Services and Facilities

Category	Physical Infrastructure
Type	Transport
Provision	Bus Services and Facilities
Lead Organisation(s)	<ul style="list-style-type: none"> • Stagecoach • West Sussex County Council
Main Sources of Information	<ul style="list-style-type: none"> • West Sussex Transport Plan 2011-2026 (West Sussex County Council, 2011) • Bus Operator website
Existing Provision	The town has one major provider of bus services, Stagecoach South, who run routes to all areas of the town. The most commercial and successful of the routes, the Stagecoach 700 'Coastliner' service, also passes through the town offering connections along the coast and service frequencies pushed up to 10 minute intervals on the main routes coming into the town centre. A programme of investment to provide Real Time Passenger Information (RTPI) at selected bus stops has been completed. Worthing is also served by bus routes from Compass Bus, Brighton and Hove Buses (night bus only) and Metrobus.
Planned Provision	None currently
Sources of Funding and Costs	<ul style="list-style-type: none"> • Bus Operators • West Sussex County Council Developer Contributions
Key Issues and Dependencies	Private bus operators provide the majority of bus services on a commercial basis running routes that are commercially viable. As a result, The West Sussex Transport Plan notes that the local bus network is extensive, but journey times and punctuality are affected by congestion. Due to their operational requirements, Stagecoach have confirmed their desire to relocate the bus depot and office located at Marine Parade. However, at present, there is no alternative site in Worthing that will meet their operational requirements. The site has been identified as an Area of Change within the draft Worthing Local Plan.
Summary and role of Local Plan and IDP	The Local Plan has an important role to play in taking a spatial approach to improving accessibility and improving the attractiveness of alternative modes of transport to the car.
Further Information	West Sussex Transport Plan 2011 - 2026 (2011)

	Stagecoach website
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Walking and Cycling

Category	Physical Infrastructure
Type	Transport
Provision	Walking and Cycling
Lead Organisation(s)	<ul style="list-style-type: none"> • West Sussex County Council • Worthing Borough Council
Main Sources of Information	<ul style="list-style-type: none"> • Cycling and Walking Investment Strategy (Department for Transport, 2017) • West Sussex Walking and Cycling Strategy 2016 - 2026 (West Sussex County Council, 2016) • West Sussex Transport Plan 2011-2026 (West Sussex County Council, 2011)
Existing Provision	<p>Worthing has an increasing number of cycle routes and lanes, some of which make use of its privileged location on the South Coast and the South Downs National Park. Routes and trails include:</p> <p><u>National Cycle Network 2</u> National Route 2 of the National Cycle Network runs through Sussex from Worthing to Rye. Brighton to Hastings via Polegate is a part of the Downs and Weald Cycle Route. Worthing to Chichester is still under development. When complete, National Route 2 will connect Dover in Kent with St Austell in Cornwall. Through Worthing this includes the opened extension in Worthing that follows the promenade using a shared route with pedestrians. The route currently ends at George V Avenue in West Worthing.</p> <p><u>South Downs Way</u> A 160km (100 mile) National Trail running from Winchester in Hampshire to Eastbourne in East Sussex. Passes to the north of Adur and Worthing.</p> <p><u>Worthing to Shoreham South Coast Cycle Route</u> Worthing to Shoreham-by-Sea cycle route follows the sweeping curve of the bay for 7 miles, from West Worthing to Shoreham Harbour and</p>

	<p>is set against the back drop of the South Downs National Park. There are also a number of dedicated cycle lanes.</p> <p>Worthing to Brighton: South Coast Promenades Coastal cycle path designed for families. The West Sussex Walking and Cycling Strategy sets out that the County Council maintains a series of automatic cycle counters across the county located in a variety of settings. In 2015, this data reveals over 500 cyclists a day to be using the National Cycle Network 2 (NCN2) route between Worthing and Lancing near to Brooklands Park.</p>
Planned Provision	<p>None currently. A number of schemes have been entered by stakeholders within the West Sussex Walking and Cycling Strategy. The schemes have been prioritised high to low by Sustrans' Rate tool ranking.</p> <p>The forthcoming Road Space Audit assessment for Worthing may identify opportunities to improve walking and cycling (refer to the position statement on parking).</p>
Sources of Funding and Costs	<ul style="list-style-type: none"> • West Sussex County Council • Sustrans • Local Sustainable Transport Fund (from DfT)
Key Issues and Dependencies	<p>Worthing has a relatively high level of cycling compared to other towns, but there is potential to develop the network further and improve links with neighbouring communities. The current provision of pedestrian and cycling facilities across the town are unable to support and maintain sustainable travel. Much of the network is disjointed and suffers from inadequate signing, safe crossing points and poor surfacing.</p>
Summary and role of Local Plan and IDP	<p>Cycle facilities and adopted footpaths are managed and maintained by West Sussex County Council SCC. Walking and Cycling are both active travel modes that promote health lifestyles as well as contribute to sustainable travel objectives such as reducing carbon emissions. Ensuring new routes are safe and attractive to cyclists and pedestrians, and preferably traffic free, will be key in encouraging people to make walking and cycling the natural choice for shorter journeys or part of a longer journey.</p>
Further Information	<p>Cycling and Walking Investment Strategy (2017)</p> <p>West Sussex Walking & Cycling Strategy 2016 - 2026</p> <p>West Sussex Transport Plan 2011 - 2026 (2011)</p>

Community Transport

Category	Physical Infrastructure
Type	Transport
Provision	Community Transport
Lead Organisation(s)	<ul style="list-style-type: none"> • Worthing Borough Council • West Sussex County Council
Main Sources of Information	Adur and Worthing Councils' website.
Existing Provision	The Council has a Community Transport budget and currently contracts Dial a Ride Southern Services. They provide a door-to-door, low cost bus service available to any Worthing resident who, through disability or illness, cannot use other forms of public transport. Worthing shopmobility is a further service which provides a mobility scooter, powered and manual wheelchair hire facility for anyone with restricted mobility, including visitors. There are a number of third sector organisations that provide Community Transport in Worthing and these are being mapped by the Communities and Wellbeing Team at the Council with a view to publicising this better for residents and also connecting groups to make the best use of their resources.
Planned Provision	Worthing Borough Council have a Community Transport budget and this is currently under review as to how best to use the funding to benefit a wide range of cohorts that may need support with transport or the cost of.
Sources of Funding and Costs	<p>Worthing Borough Council contract Dial a Ride Southern Services through their Community Transport budet.</p> <p>Further Community Transport grants are co-ordinated by the West Sussex County Council's Forum for Accessible Transport and a panel meets once a year to consider applications, however, this budget is reducing.</p> <p>There are occasionally national funding opportunities to purchase new mini-buses but these opportunities are very limited.</p>
Key Issues and Dependencies	Worthing has an ageing population, and as such community transport services (as well as public transport services) will continue to play an important role in providing specialist transportation for the elderly as well as other less mobile groups. Community Transport is essential to enable less mobile people access medical appointments as well removing barriers to social isolation. There are also a number of working age residents who have citing transport costs as a reason for not being able to access support services such as those provided by Citizen's Advice.

Summary and role of Local Plan and IDP	The Local Plan and IDP will have a limited role in influencing the running of the community transport services.
Further Information	Adur & Worthing Councils website West Sussex County Council website

Public Rights of Way

Category	Physical Infrastructure
Type	Public Rights of Way
Provision	Walking, cycling & horse riders
Lead Organisation(s)	<ul style="list-style-type: none"> West Sussex County Council
Main Sources of Information	<ul style="list-style-type: none"> West Sussex Rights of Way Improvement - A Strategic Framework Plan 2007-2017 (2007, West Sussex County Council) Draft West Sussex Rights of Way Management Plan 2018-2028 (West Sussex County Council) South Downs National Park Partnership Management Plan 2014 - 2019
Existing Provision	As the Highway Authority, West Sussex County Council is responsible for recording, protecting and maintaining public rights of way (PRoW). The PRoW network in West Sussex provides a safe alternative to increasingly busy roads and lanes, and is central to the implementation of the West Sussex County Council's Walking and Cycling Strategy.
Planned Provision	The West Sussex Walking and Cycling Strategy lists schemes that have been put forward by user groups for delivery around West Sussex and will include schemes to be delivered on the PRoW network. West Sussex County Council prioritisation of these schemes is via the Local Transport Investment Programme (LTIP). This programme determines which schemes are delivered each year via the Highways and Transport Delivery Programme.
Sources of Funding and Costs	<ul style="list-style-type: none"> Capital grant from the Highways and Transport Maintenance Block or Integrated Transport Block allocations Developer contributions Funding from Local Enterprise Partnership
Key Issues and Dependencies	The draft West Sussex Rights of Way Management Plan (2018) has identified the need to improve connectivity and minimise severance on the PRoW network. There is also a need to improve accessibility. It is considered that the planning process engagement can help by making the most of access opportunities via development.
Summary and role of Local Plan and IDP	Over the last 10 years West Sussex County Council's PRoW service has become more proactive in interacting with the planning process. As well as encouraging Local Planning Authorities to include appropriate access policies in their Local Plans, there are now better mechanisms to enable West Sussex County Council to identify and respond to the access risks and opportunities presented through the planning process. The draft West Sussex Rights of Way Management Plan identifies that emerging Local Plans all include the aspiration that new developments

	should, wherever possible, protect, enhance and create opportunities for people to travel sustainably on foot or by bike, and for people to be able to access and enjoy the nearby countryside. The PRow network is naturally part of Green Infrastructure as it enables people to use, share and enjoy their environment.
Further Information	West Sussex Rights of Way Improvement Plan - A Strategic Framework 2007 - 2017 Draft West Sussex Rights of Way Management Plan 2018 - 2028

Energy

Electricity

Category	Physical Infrastructure
Type	Energy
Provision	Electricity distribution and transmission
Lead Organisation(s)	<ul style="list-style-type: none"> • UK Power Networks • National Grid
Main Sources of Information	<ul style="list-style-type: none"> • South Eastern Power Network's Long Term Development Statement, Network Summary 2017
Existing Provision	National Grid owns and maintains the high-voltage electricity transmission system in England and Wales, together with operating the system across Great Britain, balancing supply with demand. The local distribution company in Worthing is UK Power Networks who deliver electricity to properties throughout Worthing and are responsible for the maintenance of underground cables, overhead lines and substations. Worthing is supplied by a National Grid offtake at Bolney, which then feeds into a grid substation and a number of subsequent primary sites within Worthing.
Planned Provision	It is unlikely that the distribution of new housing growth proposed in the Local Plan will create a capacity issue for the National Grid given the scale of the electricity transmission network. Investment of infrastructure ahead of need is prevented by the regulator (ofgem), which views such investment as risky, inefficient and not in the best interests of customers as a whole.
Sources of Funding and Costs	Replacement and maintenance of the network is funded by UKPN's development programme. Developers requiring a connection to the network are required to meet the costs of connection to the network and a contribution towards the cost of any reinforcement required in accordance with current industry regulations. ofgem can also offer financial allowances to UKPN for replacing overhead lines in sensitive areas, such as AONB, with underground cables.
Key Issues and Dependencies	The companies responsible for energy supplies are normally able to provide the required infrastructure to serve new development through exercising their statutory powers and by agreement with the relevant parties. Improvements in technology mean that the nature of supplies could move to more localised distributed generation through a mix of local renewable resources and installations, such as Combined Heat and Power schemes.

Summary and role of Local Plan and IDP	The Local Plan will identify the location, scale and timing of development in order to inform the investment programmes of the electricity companies.
Further Information	South Eastern Power Network's Long Term Development Statement, Network Summary 2017

Gas

Category	Physical Infrastructure
Type	Energy
Provision	Gas
Lead Organisation(s)	Scotia Gas Networks (SGN)
Main Sources of Information	<ul style="list-style-type: none"> Long Term Development Statement: Network Capacity (SGN, 2017)
Existing Provision	SGN operates the gas networks in Worthing (under the company name of Southern Gas Networks). This includes the gas pipeline and maintaining the network to ensure pipes are in an efficient state to deliver gas safely. SGN are responsible for connections to residential and business premises as well as services such as alterations and disconnections. SGN deliver new individual services to very large infrastructure projects (for example, at new housing developments). SGN has a statutory duty to develop and maintain an efficient and co-ordinated transmission system of gas. New gas infrastructure developments are periodically required to meet increases in demand and changes in patterns of supply.
Planned Provision	Connection to the gas network would be the responsibility of the developer. If more capacity is required, reinforcement to the network would need to be carried out to accommodate the necessary level of development. This means that essentially SGN can accommodate any level of development. Whilst there is no significant impact or reinforcement works expected at this at this time, availability of capacity in the network is allocated on a first past the post basis, thus, there is potential that future additional growth (that is not identified in the Local Plan) may have an impact on the requirement for reinforcement.
Sources of Funding and Costs	<ul style="list-style-type: none"> Developer delivered contributions

	<ul style="list-style-type: none"> • ofgem • SGN
Key Issues and Dependencies	None identified.
Summary and role of Local Plan and IDP	The Local Plan will identify the location, scale and timing of development in order to inform the future investment programme of Southern Gas Networks.
Further Information	Long Term Development Statement: Network Capacity (2017)

Telecommunications

Category	Physical Infrastructure
Type	Telecommunications
Provision	Broadband
Lead Organisation(s)	<ul style="list-style-type: none"> • West Sussex County Council • West Sussex Council: West Sussex - Better Connected Project • Telecommunications providers
Main Sources of Information	<ul style="list-style-type: none"> • West Sussex Council: West Sussex - Better Connected project
Existing Provision	Worthing is served by four main internet exchanges at Worthing West, Worthing Swanedan, Worthing Central and Findon.
Planned Provision	The Better Connected Project have made it possible for more than 90% of the county to enjoy better, faster broadband by building on the commercial roll out by telecommunications suppliers. The project aims to push even further and provide 'superfast' broadband coverage to a further 7,000 premises by the end of 2018. It is an ambitious project but it is considered that this aim is achievable.
Sources of Funding and Costs	Service providers will fund the majority of improvements. Where this is unlikely to occur, West Sussex County Council may allocate funds to help providers improve provision.
Key Issues and Dependencies	Areas currently without superfast broadband or unlikely to be provided with superfast broadband by one or more telecommunications provider, are eligible for public funding to deliver provision.
Summary and role of Local Plan and IDP	The Local Plan review will present an opportunity to consider whether a policy to ensure development has access to superfast broadband will be worthwhile. This would be of significant benefit to new areas of modern employment space.
Further Information	West Sussex County Council: West Sussex - Better Connected Project

Water

Water Resources & Distribution

Category	Physical Infrastructure
Type	Water
Provision	Water resources and distribution
Lead Organisation(s)	Southern Water
Main Sources of Information	<ul style="list-style-type: none"> • Water Resources Management Plan 2015-2040 (Southern Water, 2014) • Five-year Business Plan 2015 - 2020 (Southern Water, 2013) • Draft Water Resources Management Plan - For The Next 50 Years 2020 - 2070 (Southern Water)
Existing Provision	Southern Water is responsible for the supply of drinking water in the Worthing Area. In Worthing 98% of water supply is sourced from groundwater. The existing water distribution system works under pressure which allows flexibility in the provision of new mains required to serve new development
Planned Provision	<p>Much of South East England is classified as an area of serious water stress and additional growth will add to the pressure currently experienced as well as the effects of climate change. Water supply companies are to respond to these challenges through a series of measures outlined in their Water Resources Management Plans. Southern Water, along with all other water companies, updates its Water Resources Management Plan (WRMP) every five years. Short term investment needs will, feed into the company's Business Plan. The following water resources schemes that are included in Southern Water's current 2014 WRMP are being delivered in the current 5 year business plan period (2015 - 2020):</p> <ol style="list-style-type: none"> 1. Leakage reduction in the Sussex Worthing water resource zone (WRZ) to save one million litres of water each day by 2019. 2. Water efficiency schemes in homes, schools and businesses in Sussex North by 2019. 3. Aquifer storage and recovery in Sussex to store water underground in the winter for use in the summer after 2020. 4. Catchment management schemes and nitrate removal plants at water supply works in Sussex Worthing. 5. Installation of the first section of a three-stage pipeline, which will strengthen connections between north Sussex and the Worthing and Brighton areas when fully completed in 2037. The first stage is a 0.7km pipeline near Pulborough in West Sussex. <p>In 2017, Southern Water has been updating its WRMP and a draft will be published for consultation in early 2018.</p>

Sources of Funding and Costs	<ul style="list-style-type: none"> • Ofwat • Southern Water • Developer contributions <p>Southern Water plans investment required to meet demand from new development through the water industry's five yearly price review process. Business Plans are prepared by the company for five year periods, which are scrutinised by Ofwat, the water industry's economic regulator. Customer prices are determined following this process. Ofwat's price determination funds Southern Water's investment over the planning period. Where capacity is insufficient, developers will need to requisition a connection to the nearest point of adequate capacity.</p>
Key Issues and Dependencies	<p>The necessary infrastructure can be delivered in parallel with delivery of strategic sites. Local infrastructure, such as local mains, required specifically to serve new development should be delivered by the development. This protects existing customers, who would otherwise have to pay through increased general charges. It is therefore important that connections are made to the nearest point of adequate capacity, and that any off-site infrastructure required to achieve this is provided by the development. This approach prevents the demand on the water distributions systems from exceeding the capacity available. Water resource planning is not undertaken on a local authority basis. The majority of water resources are linked and it is possible for the water companies to move water around the region. Hence, it cannot be argued that any one location within the District is more constrained than another in terms of the availability of water. However, the Environment Agency has identified the whole of the South East as an area of 'serious water stress'. This is defined as an area where the demand for water is a high proportion of the water available, which can lead to serious stress on the water environment.</p>
Summary and role of Local Plan and IDP	<p>The Local Plan will identify the location, scale and timing of development in order to provide evidence for the periodic review of prices carried out by OFWAT. OFWAT generally agrees to fund the strategic investment required to service new development provided that there is planning certainty i.e. an adopted Local Plan. The water companies seek funding through the periodic review process to provide additional water resources and mains capacity. Local infrastructure, such as local mains, should be delivered by the development if specially required to service individual sites.</p>
Further Information	<p>Water Resources Management Plan 2015 - 2040 (2014)</p> <p>Five-year Business Plan 2015 - 2020 (2013)</p> <p>Draft Water Resources Management Plan For The Next 50 Years</p>

Wastewater Treatment and Sewerage Network

Category	Physical Infrastructure
Type	Water
Provision	Wastewater treatment and sewerage network
Lead Organisation(s)	Southern Water
Main Sources of Information	<ul style="list-style-type: none"> Southern Water Five Year Business Plan 2015-2020 (2013)
Existing Provision	Southern Water is the statutory sewerage undertaker for the Borough. The Environment Agency is the environmental regulator responsible for setting limits on discharges to watercourses and monitoring the operation of sewage and waste water treatment works. Worthing is served by East Worthing Wastewater Treatment Works. In relation to wastewater, Southern Water is not permitted to discharge treated effluent from wastewater treatment works in excess of the environmental permit provided by the Environment Agency or breach imposed levels of quality standards.
Planned Provision	Southern Water is continuing to invest in its East Worthing Treatment Works through its ongoing programme of improvements to reduce the risk of flooding in the area and improve the processes on site. There is also a programme of ongoing improvements to the sewerage network, including sewer jetting to reduce blockages.
Sources of Funding and Costs	<ul style="list-style-type: none"> Ofwat Southern Water Developer contributions <p>Southern Water plans investment in strategic infrastructure required to meet demand from new development and stricter environmental standards through the water industry's five yearly price review process. Local infrastructure, such as local sewers, should be delivered by the development if specifically required to service individual development sites.</p>
Key Issues and Dependencies	Co-ordination of new development and the provision of infrastructure is essential to ensure that new development is not constructed and occupied before the necessary infrastructure to serve it is provided. It is important that where capacity is limited, connections are made to the nearest point of adequate capacity, and that any off-site infrastructure required to achieve this is provided by the development to ensure that available capacity is not exceeded. Southern Water endeavours to operate its wastewater treatment works in accordance with best

	<p>practice. However, unpleasant odours inevitably arise from time to time as a result of the treatment processes that occur. For this reason, sensitive development such as housing must be adequately separated from wastewater treatment works, to safeguard amenity.</p>
<p>Summary and role of Local Plan and IDP</p>	<p>The Local Plan, when adopted, will inform Southern Water's investment planning. Adoption provides the planning certainty required to support investment proposals to Ofwat, the water industry's economic regulator, investment proposals are prepared every five years through the price review process. Strategic infrastructure, such as extensions to wastewater treatment works, can be planned and funded through this process and coordinated with new development. Local infrastructure, such as local sewers, should be delivered by the development if specially required to service individual development sites. To this end, the principle is that new development needs to connect to the sewerage system at the nearest point of adequate capacity. This may require off-site infrastructure if the nearest point is not located within the immediate vicinity of the development site. Any odour mitigation required as a result of new development should be delivered by the development.</p>
<p>Further Information</p>	<p>Five-year Business Plan 2015 - 2020 (2013)</p>

Flood Risk Management

Tidal, Fluvial, Surface and Groundwater

Category	Physical Infrastructure
Type	Flood Risk Management
Provision	Tidal, fluvial, surface and groundwater
Lead Organisation(s)	<ul style="list-style-type: none"> • Environment Agency • West Sussex County Council • Worthing Borough Council
Main Sources of Information	<ul style="list-style-type: none"> • Adur and Worthing Strategic Flood Risk Assessment (2012, Adur & Worthing Councils) • West Sussex Preliminary Flood Risk Assessment (2011, West Sussex County Council) • West Sussex Local Flood Risk Management Strategy (2013, West Sussex County Council) • Regional Beach Management Plan 2017: Littlehampton to Brighton Marina (2017, Environment Agency) • River Adur Catchment Flood Management Plan (2009, Environment Agency) • The Beachy Head to Selsey Bill Shoreline Management Plan (2006, South East Coastal Group) • River Arun to Adur Flood and Erosion Management Strategy 2010 - 2020 (2010, Environment Agency)
Existing Provision	The Environment Agency and Local Authorities are responsible for managing the flood risk to coastal properties by maintaining the groynes and sea walls, replenishing the beach material and maintaining the natural beach defence. The low lying coastal fringe of Worthing is at risk of flooding from the sea. The River Arun to Adur Flood and Erosion Management Strategy states that the approved strategy option for the seafront along Worthing is to 'Hold the Line' - improve. The two main sources of fluvial risk in Worthing are the Ferring Rife in the west and Teville Stream in the east.
Planned Provision	<p>The River Arun to Adur Flood and Erosion Management Strategy identifies the following planned works (subject to funding):</p> <p>Marine Crescent, Goring: Sustain the current standard of protection by raising the defences over time as sea level rises. This will require replacement of groynes at the end of their residual life, in approximately 11 to 15 years, and beach nourishment.</p>

	Between West Parade and Brooklands Pleasure Park: Sustain the current standard of protection by raising these defences over time as sea level rises. This will require ongoing and future works to replace and improve groynes over the next 6 to 35 years, beach nourishment, protecting vulnerable sections of the defences from erosion.
Sources of Funding and Costs	Central government plus contributions from private, public or voluntary organisations or communities who will benefit the most from our work including developers through s.106 or CIL.
Key Issues and Dependencies	The West Sussex Preliminary Flood Risk Assessment (2011) aims to provide a high level overview of flood risk from local flood sources. It identifies Worthing as a location considered to have substantial future flood risk from surface water.
Summary and role of Local Plan and IDP	National planning policy promotes the use of Sustainable Drainage Systems and requires development to be safe across its lifetime taking climate change into account, and not to increase flood risk to others.
Further Information	Adur & Worthing Strategic Flood Risk Assessment (2012) West Sussex Preliminary Flood Risk Assessment (2011, WSCC) Local Flood Risk Management Strategy (2013, WSCC) Regional Beach Management Plan 2017: Littlehampton to Brighton Marina (2017, Environment Agency) River Adur Catchment Flood Management Plan (2007, Environment Agency) The Beachy Head to Selsey Bill Shoreline Management Plan (2006, South East Coastal Group) Rivers Arun to Adur flood and erosion management strategy 2010 - 2020 (2010, Environment Agency)

Waste

Waste Management

Category	Physical Infrastructure
Type	Waste
Provision	Waste Management
Lead Organisation(s)	<ul style="list-style-type: none"> • West Sussex County Council • Worthing Borough Council
Main Sources of Information	West Sussex Waste Local Plan (West Sussex County Council, 2014)
Existing Provision	<p>West Sussex County Council as Waste Disposal Authority is responsible for arranging the safe disposal of household and other similar waste collected by Worthing Borough Council (the Waste Collection Authority) and the public. West Sussex County Council also provides recycling/re-use and waste transfer sites. There is no Waste Transfer Station (WTS) in Worthing. The nearest is in Lancing (Adur District Council) and is located off Chartwell Road. This is used by Adur & Worthing Council Services to receive waste and recyclables collected by those councils.</p> <p>West Sussex County Council - Household Waste Recycling Site (HWRS) is located in the south east of the Borough off Willowbrook Road operated by Viridor.</p>
Planned Provision	The West Sussex Waste Local Plan does not identify any additional requirements for the handling of household waste in Worthing.
Sources of Funding and Costs	<ul style="list-style-type: none"> • West Sussex County Council • Worthing Borough Council
Key Issues and Dependencies	The catchment of the Worthing Household Waste Recycling Site extends into neighbouring districts (Adur, Arun and Horsham Districts) so further residential development in those districts, in addition to further development in Worthing Borough, had a cumulative effect on waste infrastructure. Lancing Waste Transfer station is already operating at capacity and therefore future growth will trigger a need for a new Waste Transfer Station within Adur / Worthing. Lancing Waste Transfer Station is small and does not have sufficient space to expand.
Summary and role of	The Waste Disposal Authority (West Sussex County Council) is required to make arrangements for the disposal of waste collected by the

Local Plan and IDP	<p>Waste Collection Authority (Worthing Borough Council) and provide places where the public can take their own household waste for disposal.</p> <p>West Sussex County Council and Worthing Borough Council will need to work together to identify potential sites for a new Waste Transfer Station within Worthing or Adur.</p>
Further Information	<p>West Sussex Waste Local Plan (2014, WSCC)</p>

Green Infrastructure

Environmental

Green Corridors and Waterways

Category	Green Infrastructure
Type	Environmental
Provision	Green Corridors and Waterways
Lead Organisation(s)	<ul style="list-style-type: none"> • Environment Agency • Natural England • Worthing Borough Council • West Sussex County Council • Local Wildlife Trusts and conservation charities (Sussex Wildlife Trust, RSPB, National Trust etc)
Main Sources of Information	<ul style="list-style-type: none"> • Adur and Worthing Open Space Study (March 2014) • Sussex Biodiversity Record Centre (SxBRC)
Existing Provision	<p>The main green corridor in Worthing is the beach. Bridleways and Public Rights of Way (RoW) also provide valuable green corridors for local communities. There are a number of routes both within and outside of the South Downs National Park including The Gallops, Ilex Way and Plantation Way. The Ferring Rife and Teville Stream both main rivers provide valuable waterways. The Ferring Rife runs through the northern gap between Ferring and Goring and is often used as a route by local communities. The Teville Stream runs through industrial estates before flowing through Brooklands Lake and out to the sea. In addition to the above, vegetation within private gardens, along roadways and railway lines, and in parks, cemeteries, open spaces and schools provide landscape and wildlife value.</p> <p>The potential for new provision may come forward as planning applications include green infrastructure as an integral part of their proposals. Additionally, they can create green corridors between existing green infrastructure and green spaces. There may also be opportunities to improve access by foot or cycle to the RoW network, existing green space, the English Coast Path and the South Downs National Park. There is also a Community Greenspaces scheme in operation in Worthing.</p> <p>Fundamental to improving viability and connectivity of green corridors is the encouragement of appropriate management of land, for example within private gardens, encouraging planting of wildlife friendly plants and making space for wildlife (i.e. through compost heaps) and provision</p>

	of small pond.
Planned Provision	<p><u>Teville Stream</u> The Environment Agency (EA) carried out some investigations into potential improvements to the Teville Stream. The stream has been heavily modified to provide urban drainage and flows predominantly through an urbanised area. The stream is groundwater-fed from a chalk spring line running south of the A27, and flows into Brooklands Lake before reaching the sea. The southern section falling within Worthing Borough. The EA has investigated potential options to improve the stream to restore it to its natural state where possible. Two phases of improvements works have been identified.</p> <p>Phase 1 (Deacon Way Culvert Bypass) is a stream restoration and reedbed creation located North of the railway line. Detailed designs have been drawn up, have gained planning permission and are ready to implement. The Ouse and Adur Rivers Trust, in partnership with the Sompting Estate Trust, has been granted £67,900 worth of development funding from the Heritage Lottery Fund. The initial funding will help the partnership progress their ideas in a development phase which will run until December 2017.</p> <p>Phase 2 is the habitat improvements of Brooklands Lake, delivering a cost effective, sustainable, habitat management plan. Work commenced in November 2017 and once completed (April / May 2018), it will have removed 15,000 cubic metres of silt from the the lake which is being creatively used in the restoration of the lake's margins and Island. A Lake Management Plan is currently being prepared. The habitat improvement of Brooklands Park will provide an opportunity to improve the quality of green infrastructure.</p> <p><u>English Coast Path</u> Natural England has a statutory duty under the Marine and Coastal Access Act 2009 to improve access to the English coast. Natural England is creating the England Coast Path – a new National Trail that will eventually allow people to walk around the whole English coast. Natural England undertook recent consultation on proposals for the East Head to Shoreham section (69km) which ran from September to November 2017. This new access is expected to be ready in late 2018.</p> <p>Local Planning Authorities must have regard to the NPPF which encourages improved public access to the coast and ensures new development does not hinder the creation of the ECP. Natural England's approach is to work constructively with planners and developers with the aim of ensuring that development plans and planning proposals take account of our coastal access objectives and make provision for them wherever appropriate.</p>
Sources of Funding and Costs	<ul style="list-style-type: none"> • Environment Agency • Ouse and Adur Rivers Trust • Developer contributions • South Downs National Park Authority • Heritage Lottery Fund • Other grant sources including small partnership projects such as the RAMPION community fund

Key Issues and Dependencies	<p>Green infrastructure performs a wide range of functions, including: - Conservation and enhancement of biodiversity, including mitigating the potential impacts of new development. Fundamental to the concept is the connectivity of wildlife habitats, creating stepping stones or micro migratory routes from one habitat to another, connecting the urban and rural landscape. This connectivity increases the value of otherwise isolated habitats and communities of wildlife and identifying where areas of habitat fragmentation within landscapes, urban and rural, are very important to addressing this. Increasing recreational opportunities, including access to the countryside and supporting healthy living. Creating a sense of place and opportunities for greater appreciation of valuable landscapes and cultural heritage. Improved water resource and flood management. Making a positive contribution to combating climate change through adaptation and mitigation of impacts. as well as helping to improve air quality with Worthing having a designated Air Quality Management Area at A27 Upper Brighton Road. Green Infrastructure also assists with sustainable transport, education crime reduction and production of food. There are close links between this and other infrastructure types. For example rail networks provide valuable green corridors. The provision of new roads, schools and community centres etc may also provide opportunities to deliver green infrastructure by incorporating elements into the design.</p>
Summary and role of Local Plan and IDP	<p>The provision of access to high quality, well-designed Green Infrastructure therefore needs to be a central part of the planning process. There is scope to implement Green Infrastructure as an overarching element of development and other infrastructure types. This will involve working in partnership with a wide range of agencies and organisations at both local and sub-regional level. This includes encouraging positive management of existing green infrastructure, including private gardens, to make space for wildlife habitats throughout the urban landscape.</p>
Further Information	<p>Adur & Worthing Open Space Study: Open Space Assessment Report (2014)</p> <p>Adur & Worthing Open Space Study Standards Paper (2014)</p> <p>Sussex Biodiversity Record Centre</p>

Open Space

Category	Green Infrastructure
Type	Environmental
Provision	Open Space
Lead Organisation(s)	Worthing Borough Council
Main Sources of Information	<ul style="list-style-type: none"> • Adur and Worthing Open Space Study (March 2014) • Landscape and Ecology Study of Greenfield Sites in Worthing Borough (November, 2015) • Sussex Biodiversity Record Centre (SxBRC)
Existing Provision	<p>The most popular open space types visited by residents are beach or seafronts, civic space and parks. In total there are 283 sites identified in Adur and Worthing as open space provision. This is an equivalent of over 663 hectares across the area. The majority are assessed as being of high quality and value. This consists of:</p> <ul style="list-style-type: none"> • 16 parks & gardens in Worthing, the largest being Homefield Park (3.8ha), Beach House Park (3.5ha) and Highdown Gardens (3.4ha) • Beach House Park, Field Place and Highdown Gardens have Green Flag status with Marine Gardens being put forward for consideration for Green Flag status (2018) • The seafront and beaches offers the largest resource of natural and semi-natural greenspace • 59 sites of amenity greenspace • There are also 15 community green spaces across Worthing where community interest groups and volunteers maintain and conserve the area • 11 (4 outside of SDNP) Local Wildlife Sites (sites designated by local authorities as being of local conservation interest) • Private gardens form an important green infrastructure element within the townscape. <p>However there are no Local Nature Reserves (LNR) within Worthing Borough and there is a shortfall of LNR provision across Adur and Worthing.</p>
Planned Provision	See 'Teville Stream' planned provision within the Position Statement on Green Corridors and Waterways. Refer to Delivery Schedules.
Sources of Funding and Costs	<ul style="list-style-type: none"> • Worthing Borough Council Capital Investment Programme • Developer contributions (CIL or s.106)

	<ul style="list-style-type: none"> Heritage Lottery Fund
Key Issues and Dependencies	<p>The nature of the Borough (outside the National Park) is mainly urban and there are limited pockets of undeveloped land. Consideration will need to be given, as part of the Worthing Local Plan process to the existing and potential value of these undeveloped areas in terms of factors such as: providing gaps between settlements, green spaces, green links between the coast and the Downs, landscape assets, habitat networks, meeting biodiversity/habitat network functions and delivering ecosystems and green infrastructure services. There are identified shortfalls in some typologies of open space. New development will be expected to contribute towards the provision of new or improvement of existing open spaces. There are no Local Nature Reserves (LNR) within Worthing Borough and there is a shortfall of Local Nature Reserve provision across Adur and Worthing. The Open Space Study 2014 states that ‘LNRs provide a clear signal to local communities of the commitment towards nature conservation and access to it by a local authority. In addition, LNRs can help Local Authorities meet Local Biodiversity Action Plans (LBAP) and Sustainable Development targets.’ Additionally, there is a lack of consistency in the quality of management of Local Wildlife Sites, which vary according to landowner and current land function which thereby potentially results in mixed habitat quality and lack of landscape scale connectivity between habitats. Where possible, efforts will need to be made to encourage connectivity between habitats throughout the urban environment.</p>
Summary and role of Local Plan and IDP	<p>The type of open space to be provided will be determined by the scale and type of development and the needs of the area. It will be important to work with neighbouring planning authorities to ensure the provision of open space, particularly in relation to the local green gaps between Worthing and Ferring to the west and Worthing and Lancing to the east.</p>
Further Information	<p>Adur & Worthing Open Space Study: Open Space Assessment Report (2014)</p> <p>Adur & Worthing Open Space Study Standards Paper (2014)</p> <p>Landscape and Ecology Study of Greenfield Sites in Worthing Borough (2015)</p> <p>Sussex Biodiversity Record Centre</p>