
Basildon Borough Council

Infrastructure Delivery Plan

January 2022

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1 Introduction

1.1 Purpose of the update to the Infrastructure Delivery Plan

- 1.1.1 The Council produced the 2018 Infrastructure Delivery Plan (IDP) to support the production and progression of the Local Plan. In November 2018 the Council published for consultation the Regulation 19 draft Local Plan and supporting evidence base documents. The Revised Publication Local Plan was submitted to the Secretary of State on the 28th March 2019 for examination.
- 1.1.2 Since the submission of Local Plan, the Council has continued to consider the content of the Plan and supporting evidence base documents to determine if updates may be required to reflect changes to national planning policy and local circumstances. To support the examination of the Local Plan, the Council is proposing modifications to the Local Plan and associated updates to the supporting evidence base, including this update to the 2018 IDP. The proposed modifications to the Local Plan and updates to the evidence base will be published for consultation in January 2022.
- 1.1.3 This IDP therefore provides a comprehensive update to the previous 2018 IDP to support and reflect proposed modifications to the Local Plan, and to consider any relevant national, regional, and local planning policy and infrastructure related changes which have taken place since 2018.

1.2 Background

- 1.2.1 The National Planning Policy Framework (NPPF) and Planning Practice Guidance (PPG) require local plans to include strategic policies which set out the strategy for growth in the area to meet local needs and objectives, and to make sufficient provision for the delivery of new infrastructure which supports the proposed levels of growth. The NPPF states that local plans should set out the infrastructure required to support growth, and the contributions required from developers and other organisations to support the delivery of new infrastructure.
- 1.2.2 This IDP forms part of the Local Plan evidence base, to assess the existing provision of infrastructure throughout the Borough, and to consider what additional infrastructure will be required in the future to support growth being allocated in the Local Plan. The IDP also considers how required infrastructure should be delivered, and if there are any gaps in information or funding which need to be addressed. The IDP is therefore vital in ensuring that the emerging Local Plan meets the requirements of the NPPF to outline when and how new infrastructure will be delivered.
- 1.2.3 An IDP is a 'live' Local Plan evidence base document which will be regularly refined and updated as required to present the best and most up to date information on infrastructure requirements throughout the Borough. Following the publication of the previous version of the IDP in 2018, the Council has continued to work with infrastructure providers and developers alongside the progression of the Local Plan to develop and improve infrastructure related information.

- 1.2.4 To provide sufficient information to meet the needs of the Local Plan, this IDP will provide the following information for each type of infrastructure:
1. Baseline information, providing background information on infrastructure items and current infrastructure provision in Basildon Borough.
 2. Consideration of existing infrastructure needs, not including the impacts of growth allocated in the Local Plan.
 3. Identification of infrastructure needs throughout the Borough to support growth allocated in the Local Plan.
 4. Cost estimates for delivering identified infrastructure needs and the consideration of potential funding sources.
 5. Consideration of how infrastructure contributions should be distributed throughout sites allocated in the Local Plan, where the identified needs are directly related to the proposed development in accordance with the CIL Regulations (see below).
 6. Identify key bodies and organisations with responsibility for delivering identified infrastructure improvements, and outline what actions and next steps may be required now and in the future to support the delivery of new and improved infrastructure.
- 1.2.5 Information contained within the IDP is produced in collaboration with relevant infrastructure providers such as the NHS, Essex County Council, the Environment Agency, Anglian Water, Essex and Suffolk Water, Sport England, and National Grid, and is therefore subject to change and regular updates as the various organisations undertake further assessment work and produce new information. This IDP therefore represents all infrastructure related information available to the Council at this time (January 2022).
- 1.2.6 The IDP provides context for the consideration of infrastructure needs in the Borough to inform the production and progression of the Local Plan. The IDP is a strategic document considering a wide range of infrastructure types, therefore the infrastructure assessment included will be limited in the level of detail which can be presented for the infrastructure requirements associated with specific development sites. The IDP is therefore a starting point in the understanding of infrastructure needs to support local plan making. As outlined within Local Plan Policies IMP1 and IMP2, the IDP should be used to provide an initial understanding of Borough wide infrastructure needs, and where information is known at this time, further details on the infrastructure requirements associated with sites allocated within the Local Plan is provided. However, further assessment and consideration of the specific infrastructure needs of growth allocated in the Local Plan will be required to support the determination of planning applications to ensure that the detailed impacts of a development can be fully assessed, understood, and appropriately mitigated.

1.3 What infrastructure is covered in the IDP

- 1.3.1 For the purposes of this IDP, 'infrastructure' is defined as physical, social and green items required to enable sustainable development. While not exhaustive, Table 1.1 provides an indication of the infrastructure features which could be considered within the production of a local plan.

Table 1.1 Items considered as infrastructure

Social	<ul style="list-style-type: none"> • Education – early years and childcare, primary and secondary schools, further education, adult education • Healthcare – GP surgeries, hospitals, medical centres • Adult social care • Emergency services – police, fire, ambulance • Community services – community centres providing facilities for children, elderly people, and people with special needs, cemeteries and crematoria, children’s facilities, courts, hostels, places of worship, libraries, post offices • Culture and leisure facilities
Green	<ul style="list-style-type: none"> • Open Space - parks and country parks, children’s play areas, sport pitches and grounds, allotments, green public realm • Biodiversity - local wildlife sites, local nature reserves, private nature reserves, Sites of Special Scientific Interest • Geology sites
Physical	<ul style="list-style-type: none"> • Transport - highway, rail and bus networks, footpaths, cycle routes, bridleways and waterways, car parking • Energy - gas and electricity generation and distribution, renewable energy projects • Water - water supply, waste water treatment, drainage, flood defences • Telecommunications, broadband and wireless connections • Security and defence • Waste collection, disposal and recycling

1.3.2 IDPs can consider a range of infrastructure suitable to the needs and aspirations of the area being considered, and the particular circumstances of the proposed development sites and stage of preparation of the local plan. To appropriately support the progression of the Local Plan at this time, the Council requires a focused IDP update which considers the key infrastructure items which will directly relate to sites allocated in the Local Plan, and in particular consider which infrastructure items may be reliant on developer contributions to be delivered. This IDP will therefore cover the following topics:

- Education
- Healthcare
- Green infrastructure and open space
- Sports facilities
- Transport
- Flood management
- Libraries
- Waste management

- Utilities, including:
 - Electricity
 - Gas
 - Communications
 - Water supply and waste water management

1.4 Policy context and legislation for infrastructure delivery

National Planning Policy

- 1.4.1 The NPPF (2021) states¹ that strategic planning policies within local plans should make provision for infrastructure for transport, telecommunications, security, waste management, water supply, wastewater, flood risk and coastal change management, community facilities (such as health, education and cultural infrastructure), and the provision of minerals and energy (including heat). The NPPF also states² that local plans should consider the long term requirements for major improvements in infrastructure.
- 1.4.2 The NPPF outlines³ that local plans should set the contributions expected from development to deliver infrastructure, however such policies should not undermine the delivery of the plan. Local plans should also seek to provide infrastructure which widens transport choices⁴, delivers advanced, high quality and reliable communications infrastructure⁵, and supports infrastructure associated with renewable and low carbon energy⁶.
- 1.4.3 The PPG⁷ outlines that local plans should set out a vision and framework for the future development of an area, which addresses the needs and opportunities relating to infrastructure. Local plan policy requirements for developer contributions should be informed by proportionate evidence of local infrastructure needs⁸.
- 1.4.4 The PPG states⁹ that local plans should be realistic about what can be achieved and when, identifying what infrastructure is required and how it can be funded and brought forward. Infrastructure deficits and requirements in an area, and opportunities for addressing such deficits and requirements, should be identified by working alongside infrastructure providers, service delivery organisations, other strategic bodies such as Local Enterprise Partnerships, developers, landowners and site promoters at an early stage in the plan making process to assess the quality and capacity of infrastructure, and its ability to meet forecast demands¹⁰.

¹ NPPF paragraph 20

² NPPF paragraph 22

³ NPPF paragraph 34

⁴ NPPF paragraph 106

⁵ NPPF paragraph 114

⁶ NPPF paragraph 152

⁷ PPG Paragraph: 001 Reference ID: 61-001-20190315

⁸ PPG Paragraph: 048 Reference ID: 61-048-20190315

⁹ PPG Paragraph: 059 Reference ID: 61-059-20190315

¹⁰ PPG Paragraph: 059 Reference ID: 61-059-20190315

- 1.4.5 The PPG¹¹ also recommends that, when preparing a plan, strategic policy-making authorities use available evidence of infrastructure requirements to prepare an Infrastructure Funding Statement (IFS). This should set out the anticipated funding from developer contributions, and the choices local authorities have made about how these contributions will be used. Annual reviews of the IFS should feed back into the review of plans to ensure that they remain deliverable.

Sub-Regional and Local Context

- 1.4.6 Local Enterprise Partnerships (LEP) are partnerships between local authorities and businesses, which seek to work with partners to pursue and attract major investment and seek to deliver significant economic growth. The South East Local Enterprise Partnership (SELEP) is the largest LEP outside of London and is made up of partnerships between East Sussex, Kent, and Essex. The South East LEP determines strategic economic priorities including investments and activities to drive growth and create local jobs. To date the SELEP has secured £590 million through the Local Growth Fund to support projects throughout the LEP area. SELEP could therefore be a key source of funding for appropriate infrastructure projects within this IDP.
- 1.4.7 The councils of Basildon, Brentwood, Castle Point, Rochford, Southend on Sea, Thurrock and Essex County Council are currently producing the South Essex Plan (SEP), which will provide a strategic planning framework for South Essex. The SEP is supported by a collection of associated documents, including a Strategic Infrastructure Position Statement.
- 1.4.8 Essex has two tiers of local government. Essex County Council (ECC) is the upper tier authority, and is responsible for services including education, transport, surface water flooding, libraries, waste management, minerals, and social services. ECC produces a range of strategies guiding the delivery of its services. Development contributions towards new or improved infrastructure which supports ECC services and are outlined within the ECC Developer Guide to Infrastructure Contributions¹².
- 1.4.9 District and borough councils form the lower tier authorities in Essex, providing services including the collection of refuse and recycling, leisure services, housing, planning and building control. Saved Policies 2007 from the Basildon District Local Plan, adopted in March 1998 with alterations in September 1999, form the development plan for the Borough. The Council is currently producing a new Local Plan which when adopted will replace the Saved Policies 2007.

Relevant Legislation

- 1.4.10 The Community Infrastructure Levy (CIL) Regulations 2010 limits the extent of contributions which can be sought from developers. Regulation 122 states that a contribution (also

¹¹ PPG Paragraph: 059 Reference ID: 61-059-20190315

¹² The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

referred to as planning obligations or Section 106 contributions) can only be required from developers when the contribution is:

- a. necessary to make the development acceptable in planning terms;
- b. directly related to the development; and
- c. fairly and reasonably related in scale and kind to the development.

1.4.11 Consideration of funding for identified infrastructure needs must take into account the limitations set out in CIL Regulation 122.

1.5 Methodology

1.5.1 This IDP presents an update to the previous 2018 IDP to support and reflect proposed modifications to the Local Plan, and to consider any relevant national, regional, and local planning policy and infrastructure related changes which have taken place since 2018. This IDP does not consider all infrastructure in the Borough, but instead focuses on key items of infrastructure required to support the delivery of growth proposed for allocation in the emerging Local Plan, and particularly infrastructure items which may be reliant on developer contributions to be delivered.

1.5.2 The following research and assessment stages have been undertaken in the production of this IDP update:

Review of the 2018 IDP

1.5.3 A comprehensive review of the 2018 Basildon IDP and an updated Draft IDP was undertaken in September 2021. The review provided recommendations on amendments to the IDP relating to the information contained within each section, the infrastructure types considered, the identification of funding options, the apportionment infrastructure requirements and developer contributions across Local Plan site allocations, the structure of the document, and the inclusion of an infrastructure schedule.

Consideration of amendments being made to the Local Plan

1.5.4 The modifications to the Local Plan include amendments to the strategic growth strategy. The update to the IDP has therefore considered how the modifications being proposed to the Local Plan could impact upon the needs for new and improved infrastructure to support growth allocated in the Local Plan. The updating of the IDP has been undertaken alongside and in collaboration with updates to other associated Local Plan evidence base documents including the Local Plan Viability Assessment.

Production of a draft IDP update

- 1.5.5 Based on the recommended amendments to the 2018 IDP and the consideration of emerging amendments to the Local Plan, a draft IDP update was produced. The production of the IDP update included a baseline review of existing information within the Local Plan evidence base, a review of current known infrastructure needs in the area, and an assessment of future infrastructure needs as a result of growth proposed in the Local Plan and associated emerging modifications.
- 1.5.6 Following the review and updates to infrastructure improvements required to support growth allocated in the Local Plan, the IDP update sought to identify, in consultation with relevant infrastructure providers and associated organisations, potential options for funding and delivering identified infrastructure projects. For infrastructure items which rely on developer contributions for funding, the IDP has recommended allocating contributions to development sites in accordance with CIL Regulation 122, taking into account the direct impacts of the development and the levels of contributions which would be fair and reasonable considering the scale of the development. The NPPF notes that development contributions should not be so significant to render a potential development site financially unviable. Emerging information from the IDP update has been regularly shared with the Councils viability consultant to inform ongoing updates to the Local Plan Viability Assessment, and to consider the impacts of proposed infrastructure contributions on the viability of sites allocated in the Local Plan. An update to the Local Plan Viability Assessment¹³ will therefore be published in January 2022, alongside modifications to the Local Plan, which will consider the impacts of updates made to the IDP.

Consultation with relevant infrastructure providers

- 1.5.7 Throughout November and December 2021, draft chapters of the IDP update were distributed to relevant infrastructure providers including Essex County Council, NHS, Sport England, Basildon Council, National Grid, Environment Agency, Anglian Water and Essex and Suffolk Water. Feedback received through this process informed further amendments and updates to the IDP.

Ongoing review of the IDP

- 1.5.8 Following the publication of this IDP update, the Council will continue to work with infrastructure providers and developers alongside the progression of the Local Plan to develop and improve the information contained within the IDP. The IDP will be regularly refined and updated as required to present the best and most up to date information on infrastructure requirements throughout the Borough.

¹³ Basildon Local Plan Viability Assessment, Porter PE, December 2021

1.6 Information contained within the Infrastructure Delivery Plan

- 1.6.1 The infrastructure requirements, costs, and timescales contained within this IDP represent the best information available to the Council at this time. This information may therefore be amended and refined as further details on the Local Plan site allocations become available. The IDP is a 'living document' with the information provided therein regarding necessary infrastructure and their costs being a 'snapshot' in time, subject to indexation and appropriate review. The information within the IDP will be subject to further review as part of the detailed planning application process, where further details will become known about the land use mix, housing mix, site and wider infrastructure requirements and their detailed costings (including indexation).
- 1.6.2 All identified infrastructure costs within this IDP are taken from a range of relevant sources. For the consideration of the date of costs for indexation purposes, the reader should refer to the information contained within each IDP section, and the original source material used which will be listed within the evidence base to each IDP chapter.

2 Infrastructure Assessment

2.1 Introduction

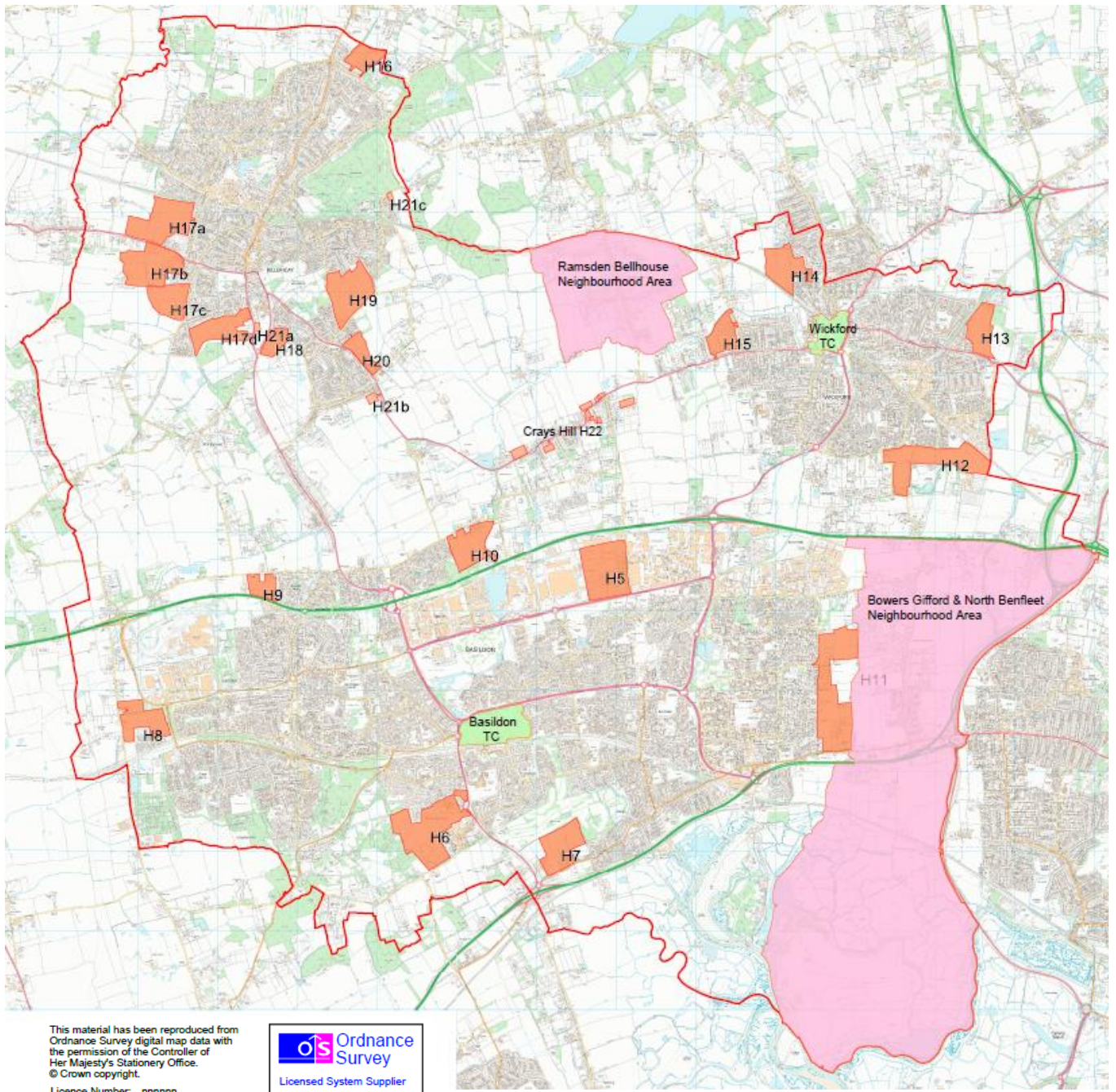
2.1.1 This chapter will review the provision of existing infrastructure in the Borough, and consider what new or improved infrastructure will be required to support the delivery of growth proposed for allocation within the draft Local Plan. The proposed allocations in the draft Local Plan being assessed within this chapter are set out in Table 2.1 below.

Table 2.1 Revised Publication Local Plan housing allocations

Ref	Location	Local Plan Allocations (total dwellings)	Completions to date	Local Plan Allocations (remaining dwellings)	Phasing		
					Years 1-5	Years 6-10	Year 11+
H5	Land West of Gardiners Lane South, Basildon	790	0	790	255	375	160
H6	Land North of Dry Street, Basildon	725	261	464	375	89	0
H7	Land North of London Road, Vange	390	0	390	0	335	55
H8	West of Basildon	300	0	300	25	250	25
H9	Land West of Steeple View, Laindon	245	0	245	0	225	20
H10	Land East of Noak Bridge, Basildon	400	0	400	0	225	175
H11	East of Basildon	460	0	460	0	335	125
H12	Land South of Wickford	1,100	0	1,100	50	475	575
H13	Land North of Southend Road, Shotgate, Wickford	280	0	280	25	250	5
H14	Land South of Barn Hall, Wickford	500	0	500	0	335	165
H15	Land North of the London Road, Wickford	300	0	300	300	0	0
H16	Land North East of Potash Road, Billericay	255	0	255	25	230	0
H17a	South West Billericay	540	0	540	0	356	184
H17b	South West Billericay	290	0	290	0	191	99
H17c	South West Billericay	350	0	350	0	231	119
H17d	South West Billericay	520	0	520	0	343	177
H18	Land South of Windmill Heights, Billericay	200	0	200	25	175	0
H19	Land East of Green Farm Lane, Billericay	400	0	400	25	250	125
H20	Land East of Southend Road, Billericay	190	0	190	140	50	0
H21a	Land East of Laindon Road, Billericay	6	0	6	6	0	0

Ref	Location	Local Plan Allocations (total dwellings)	Completions to date	Local Plan Allocations (remaining dwellings)	Phasing		
					Years 1-5	Years 6-10	Year 11+
H21b	Land at Maitland Lodge, Great Burstead, Billericay	20	0	20	20	0	0
H21c	Land Adjacent to The Mount, Billericay	6	0	6	6	0	0
H22	Housing Growth in Crays Hill	69	3	66	66	0	0
SD3a	Bowers Gifford and North Benfleet Neighbourhood Area	1,350	0	1,350	0	450	900
SD3b	Ramsden Bellhouse Neighbourhood Area	39	2	37	37	0	0
R2	Basildon Town Centre Regeneration	4,738	1,430	3,308	1,346	1,913	539
R5	Wickford Town Centre Regeneration	350	108	242	242	0	0
Total				13,009	2,968	7,082	3,449

Figure 2.1 Map of the Local Plan housing allocations



2.2 Education

Early Years and Childcare

a) Context and existing provision

- 2.2.1 The Childcare Act 2006 places a range of duties on Essex County Council (ECC) as the Local Authority for Education, regarding the provision of sufficient, high quality and inclusive early years and childcare that is responsive to the community's' needs. ECC is responsible for assessing the strategic issues affecting childcare, and formulating appropriate action plans to respond to identified issues. ECC is required to play a lead role in facilitating the childcare market within the broader framework of shaping children's services in partnership with the private, voluntary and independent sector. This includes the provision of childcare places for children aged between 0-5 years as well as wrap around provision for school aged children (5-11 or up to 19 with additional needs).
- 2.2.2 Free Early Education Entitlement 3 and 4 (FEEE 3 and 4) entitles every child aged three or four to 15 hours per week free early years provision for 38 weeks of the year (a stretched offer of 570 hours over 52 weeks can be provided dependant on the provision opening times). Sufficient provision must also be accessible for disadvantaged two-year-olds (currently around 40% of children) who are eligible for the 15-hour Free Early Education Entitlement for 2-year-olds (FEEE 2). From September 2017, the Government introduced the Extended Funding Entitlement offer, which allows eligible working families to access an additional 15 hours a week funded childcare for 3–4-year-olds.
- 2.2.3 Early years and childcare (EY&C) provision includes full day care, pre-schools, childminders, school run early years provision, and 'wrap around care' (Breakfast, After-school and Holiday clubs). These EY&C settings are delivered by a range of private, voluntary and independent organisations.
- 2.2.4 Essex County Council advises on the requirement for new facilities based on the places generated by new development and current need; and for the purpose of this IDP has used the 2020 Childcare Sufficiency data to forecast requirements. Further guidance on EY&C provision is set out in the Essex County Council Developers' Guide to Infrastructure Contributions.

b) Current infrastructure needs in the area

- 2.2.5 The ECC Childcare Sufficiency Assessment summary (2020) identifies that the Boroughs EY&C providers are made up mostly of childminders, followed by day nurseries and pre-schools. The Borough has a slightly larger ratio of nonfunded providers across all provider types. At present the capacity of early years and childcare provision is at 28% of all maximum places available across the Borough, below the Essex average of 34%. It notes that although uptake for FEEE2 has increased since 2019, the Basildon Borough uptake rate is still one of the lowest compared to other areas with 68% uptake. Other demand indicators suggest these funded places should be in demand. The uptake in Basildon for FEEE 3 and 4 has increased by 11% since 2019 with 90% uptake in 2020.

2.2.6 Lead agencies:

- Essex County Council
- EY&C providers in the Borough

2.2.7 Evidence base:

- Essex Childcare Sufficiency Assessment Summary, ECC, 2020
- The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

c) Delivering growth allocated in the Local Plan

2.2.8 The ECC Developers' Guide to Infrastructure Contributions¹⁴ explains how ECC calculate future need for early years and childcare facilities, and outlines that the Early Years & Childcare Service will require developer contributions on all residential developments of 20 dwellings or more.

2.2.9 Across the Borough there is a need for additional early years and childcare places to be provided to support growth allocated in the Local Plan. As outlined in Table 2.2 below, site allocations of a significant scale will be expected to provide additional provision on-site through the allocation of suitable land¹⁵ for education and childcare use, and where applicable to contribute for any additional remaining places. Where possible ECC would seek to place new EY&C facilities adjacent to existing or new primary school provision. All other sites would be required to make contributions to the expansion of existing facilities.

2.2.10 To estimate the costs of education infrastructure contributions for each site allocated in the Local Plan, the ECC Developers Guide identified that contributions of £30,127 per place should be applied where additional infrastructure is required. ECC has since updated this requirement and confirmed that EY&C costs should be calculated using recommendations within the Department for Education's (DfE) National Scorecard, which suggests that EY&C costs should replicate primary school costs. In accordance with this advice, EY&C infrastructure improvements per site will be calculated as £20,508 per place for new facilities, and £17,268 per place for the expansion of existing facilities. The early years and childcare education infrastructure developer contributions required for each site allocated in the Local Plan are presented in Table 2.2.

¹⁴ The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

¹⁵ ECC require the land to be "suitable" for educational facilities, as required by Section 4.3 – Land Compliance for new school sites in the ECC Developers' Guide to Infrastructure Contributions (2020)

Table 2.2 Early years and childcare infrastructure improvements required to support site allocations in the Local Plan

Settlement Area and Ward	Site ref	EY&C Infrastructure requirements
Billericay		
Billericay East Ward	H16	Contributions towards the expansion of existing facilities
	H19	Contributions towards the expansion of existing facilities
Burstead Ward	H17	2 new facilities proposed to be located on Site H17 as follows: <ul style="list-style-type: none"> • A 56 place EY&C facility to be co-located with the new primary school (2.1ha in total) • A standalone 56 place 0.13ha EY&C facility
	H18	Contributions towards the expansion of existing facilities
	H20	Contributions towards the expansion of existing facilities
	H21b	Contributions towards the expansion of existing facilities
Basildon		
Crouch Ward	H9	Contributions towards the expansion of existing facilities
	H10	A standalone 30 place, 0.069ha EY&C facility within site H10
	H22	Contributions towards the expansion of existing facilities
	SD3b	Contributions towards the expansion of existing facilities
Fryerns Ward	H5	<ul style="list-style-type: none"> • A 30 place 0.069ha EY&C facility to be co-located with the new primary school within site H5
Laindon Park Ward	H8	Contributions towards the expansion of existing facilities
Langdon Hills	H6	Contributions towards the expansion of existing facilities (in accordance with the planning approval and associated S106)
Nethermayne Ward	H7	<ul style="list-style-type: none"> • A standalone 30 place 0.069ha EY&C facility within site H7
Pitsea South East Ward	H11	A 30 place 0.069ha EY&C facility to be co-located with the new school within site H11
	SD3a	A 56 place EY&C facility to be co-located with the new primary school (a combined total of 2.1ha)
St Martins Ward (Basildon Town Centre)	R2	<ul style="list-style-type: none"> • A standalone 56 place 0.13ha EY&C facility • A standalone 30 place 0.069ha EY&C facility • Contributions for the equivalent of a further 30 place standalone 0.069ha EY&C facility
Wickford		
Wickford Castledon Ward	H15	Contributions towards the expansion of existing facilities
Wickford North Ward	H13	Contributions towards the expansion of existing facilities
	H14	Contributions towards the expansion of existing facilities
Wickford Park Ward	H12	A 56 place EY&C facility with land co-located with the new primary school (2.1ha in total) within site H12
Wickford Castledon Ward and Wickford Park Ward (Wickford Town Centre)	R5	Contributions towards the expansion of existing facilities

Primary Schools

a) Context and existing provision

- 2.2.11 In accordance with the Education Act 1996, ECC has a statutory responsibility for education provision for children and young people between the ages of 5 and 19 in Basildon Borough. To ensure there are sufficient primary school places for children in Essex, the '10 Year Plan: Meeting the demand for school places in Essex'¹⁶ is revised and published annually. The purpose of the 10 Year Plan is to set out demand for mainstream school places in Essex across the next 10 years, to present pipeline solutions to meet forecast demand, and to present potential options to address medium to long term demand.
- 2.2.12 For the purposes of planning primary school places, ECC organises schools by quadrants, districts, and planning groups (agreed with the DfE as part of the annual school capacity survey process). Basildon Borough is located within the South Essex quadrant and the current primary school planning groups are distributed into 5 groups, containing a total of 39 primary schools, as presented in Table 2.3 below.

Table 2.3 Basildon Borough Primary School Groups 2021/22

Primary School Planning Group	Primary School
Group 1: Billericay	Brightside Primary Buttsbury Infant Buttsbury Junior Quilters Infant Quilters Junior South Green Infant South Green Junior School St Peter's Catholic Primary Sunnymede Infant Sunnymede Junior
Group 2: Wickford/Runwell	Abacus Primary Grange Primary Hilltop Infant Hilltop Junior North Crescent Primary Oakfield Primary Runwell Primary The Wickford CE Infant Wickford Primary
Group 3: Basildon Central and West	Bardfield Primary Cherry Tree Primary Fairhouse Primary Ghyllgrove Primary Great Berry Primary Greensted Infant Greensted Junior Janet Duke Primary

¹⁶ 10-year Plan: Meeting the demand for school places in Essex 2021-2030, ECC, 2021

Primary School Planning Group	Primary School
	Kingswood Primary Laindon Park Primary Lee Chapel Primary Lincewood Primary Merrylands Primary Millhouse Primary Noak Bridge Primary Phoenix Primary Ryedene Primary St Anne Line Catholic Infant St Anne Line Catholic Junior St Teresa's Catholic Primary Vange Primary Whitmore Primary Willows Primary
Group 5: Basildon East	Briscoe Primary Eversley Primary Felmore Primary Northlands Primary Maple Grove Primary St Margaret's CE Primary
Group 6: Crays Hill	Crays Hill Primary

2.2.13 The number of pupils on roll at each school¹⁷ is updated on a termly basis and presented on the ECC website¹⁸ alongside pupil forecasts for future years.

b) Current infrastructure needs in the area

2.2.14 School forecasts are prepared annually, and are published in the School Organisation Service's 10 Year Plan¹⁹, using the number on roll; the number of places offered; historical trends in admissions; GP registrations and new allocated and permitted housing numbers.

2.2.15 Lead agencies:

- Essex County Council
- Primary schools in the Borough
- The Department for Education - Education Funding Agency

2.2.16 Evidence base:

- 10-year Plan: Meeting the demand for school places in Essex 2021-2030, ECC, 2021
- The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

¹⁷ Referred to as the 'pupils on roll'.

¹⁸ www.essex.gov.uk/school-organisation-and-place-planning/school-forecast-data

¹⁹ 10-year Plan: Meeting the demand for school places in Essex 2021-2030, ECC, 2021

c) Delivering growth allocated in the Local Plan

- 2.2.17 As a result of the growth allocated in the Local Plan, ECC has estimated that there is a need to provide additional primary school provision throughout the Borough.
- 2.2.18 The growth allocated in Billericay will require around an additional 4 forms of entry (fe²⁰). Based on the May 2021 cohorts, there is around 1fe capacity more than there are pupils living in the immediate area. Additional capacity will therefore be needed through the expansion of at least one existing school and through a new primary school with associated early years and childcare provision. 2.1ha of land is allocated in the Local Plan for education and childcare use within site allocation H17 South West Billericay.
- 2.2.19 Within Wickford there is a potential requirement for around 3.5fe of additional capacity to support growth allocated in the Local Plan. Based on the May 2021 cohorts, there is around a 0.5fe more capacity than there are pupils living in the immediate area. Additional capacity will therefore be needed through a new primary school with associated early years and childcare provision. 2.1ha of land is allocated for education and childcare use within site allocation H12 Land South of Wickford. The remaining additional provision will be provided through the expansion of existing primary schools in the area. The current 10 Year Plan proposes the expansion of Wickford Primary and Wickford Infants Schools to provide an additional 1fe.
- 2.2.20 Local Plan growth within the Basildon Central and West Primary School Planning Group area would require capacity for an additional 4-8fe. Currently, a large number of pupils living within the area attend schools outside of the Planning Group area, however this may change in future years and add further to demand. Willows Primary will have an additional 0.5fe available from 2022 onwards. To accommodate growth, it is proposed that new primary schools are provided on site allocations H6 and H5, in addition to the expansion of existing primary schools in the area.
- 2.2.21 East Basildon, including Pitsea and Bowers Gifford, is expected to generate a need for around 2fe of additional primary school capacity. The Local Plan has allocated 2.1ha of land for a new primary school as part of the Bowers Gifford and North Benfleet Neighbourhood Plan in relation to Local Plan Policy SD3.
- 2.2.22 The Crays Hill Primary School Planning Group area has sufficient capacity to meet existing and anticipated future needs. No infrastructure improvements are therefore proposed within this area.

²⁰ Forms of entry (FE) refers to the number of classes per year. 1FE is 1 class per year group, 2FE is 2 classes per year group etc.

Table 2.4 Summary of additional primary school infrastructure required to support growth allocated in the Local Plan

Primary School Planning Group	Required additional infrastructure improvements to meet demand²¹
Group 1: Billericay	<ul style="list-style-type: none"> • 1fe expansion of existing primary school • New primary school, 2.1 ha site co-located with a new EY&C facility
Group 2: Wickford/Runwell	<ul style="list-style-type: none"> • 1fe expansion of existing primary school • New primary school, 2.1 ha site co-located with a new EY&C facility
Group 3: Basildon Central and West	<ul style="list-style-type: none"> • Expansion of existing primary schools • New primary school, 2.1 ha sites co-located with a new EY&C facility • New primary school, 2.1 ha site
Group 5: Basildon East	<ul style="list-style-type: none"> • New primary school, 2.1 ha site co-located with a new EY&C facility
Group 6: Crays Hill	<ul style="list-style-type: none"> • No additional infrastructure required

2.2.23 To estimate the costs of primary education infrastructure contributions for each site allocated in the Local Plan, the ECC Developers Guide²² identified that contributions of £20,508 per place for new facilities and £17,268 per place for the expansion of existing facilities, should be applied where additional infrastructure is required (index linked to January 2020 costs). The primary education infrastructure developer contributions required for each site allocated in the Local Plan are presented in Table 2.7. Additional contributions may be required where land has to be purchased.

²¹ All education land provided must meet the criteria set out within the ECC Developers Guide 2020.

²² The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

Secondary Schools

a) Context and existing provision

- 2.2.24 The '10 Year Plan: Meeting the demand for school places in Essex'²³ sets out demand for mainstream secondary school places in the next 10 years, pipeline solutions to meet forecast demand, and potential options to address medium to long term demand.
- 2.2.25 For the purposes of planning secondary school places, ECC organises schools by quadrants, districts, and planning groups. Basildon is located within the South Essex quadrant and secondary school planning groups are distributed into 3 areas, containing 9 schools, as presented in Table 2.5 below.

Table 2.5 Basildon Borough Secondary Planning Groups 2021/22

Secondary School Planning Group	Secondary School
Group 1: Basildon	Basildon Lower Academy Basildon Upper Academy De La Salle School The James Hornsby School Woodlands School
Group 2: Billericay	The Billericay School Mayflower High School
Group 3: Wickford	Beauchamps High School The Bromfords School

- 2.2.26 The number of pupils on roll at each school²⁴ is updated on a termly basis and presented on the ECC website²⁵ alongside pupil forecasts for future years.

b) Current infrastructure needs in the area

- 2.2.27 School forecasts are prepared in the 10 Year Plan for each area using the number on roll in the January 2020 Census; the number of places offered for September 2020; historical trends in admissions; GP registrations in January 2020; and additional pupils likely generated by new housing.
- 2.2.27.1 Lead agencies:
- Essex County Council
 - Secondary schools in the Borough
 - The Department for Education - Education Funding Agency
- 2.2.28 Evidence base:
- 10-year Plan: Meeting the demand for school places in Essex 2021-2030, ECC, 2021

²³ 10-year Plan: Meeting the demand for school places in Essex 2021-2030, ECC, 2021

²⁴ Referred to as the 'pupils on roll'.

²⁵ www.essex.gov.uk/school-organisation-and-place-planning/school-forecast-data

- The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

c) Delivering growth allocated in the Local Plan

- 2.2.29 As outlined above, overall Basildon Borough currently has a surplus of secondary school places. However, the level of new housing development allocated in the Local Plan is estimated to generate around 16fe of secondary school place demand by the end of the plan period.
- 2.2.30 Both secondary schools in Billericay, The Billericay School and the Mayflower School, are currently operating at capacity, however around 3fe of pupils currently attending these schools live outside the priority admissions areas. Growth proposed in the Local Plan may generate demand for an additional 4fe of secondary school places. To accommodate this demand within the Planning Group area, it is likely that existing capacity will be directed towards the new demand arising from the growth within the priority admissions area, in addition to a 1fe expansion of one of the existing schools.
- 2.2.31 Both secondary schools in Wickford, Beauchamps High School and The Bromfords School, are forecast to be at capacity as a result of the housing growth proposed in the Local Plan. Recent additional accommodation has been provided at Beauchamps High School to enable an increase of 0.27fe per year. A proportion of the pupils currently attending these schools live outside of their priority admissions areas. Growth proposed in the Local Plan may generate around 4fe of secondary school pupils. To accommodate this demand within the Planning Group area, it is likely that existing capacity will be directed towards the new demand arising from the growth within the priority admissions area, in addition to a 1fe expansion at both of the existing schools. The 10 Year Plan anticipates a 1fe expansion will be provided in the area by 2026/27.
- 2.2.32 In both the Billericay and Wickford Planning Group areas, the accommodation of the additional demand arising from the Local Plan growth could reduce the opportunity for children living outside the area to attend these schools. This would likely increase pressure for additional school places to be provided within the Basildon Planning Group area.
- 2.2.33 Taking into account the future demand for secondary places in the Basildon Planning Group area as a result of growth in Basildon and changing admission patterns, there will be a need for around an additional 10-12fe in the Basildon Planning Group area. This will be accommodated by a new 10ha secondary school site located on site allocation H11, which could be co-located with a primary school and EY&C facility to provide the option of an 'all-through school'. In addition, a further 3fe expansion can be accommodated within existing schools within the area.

Table 2.6 Basildon Borough Secondary Planning Groups Pupil Forecasts

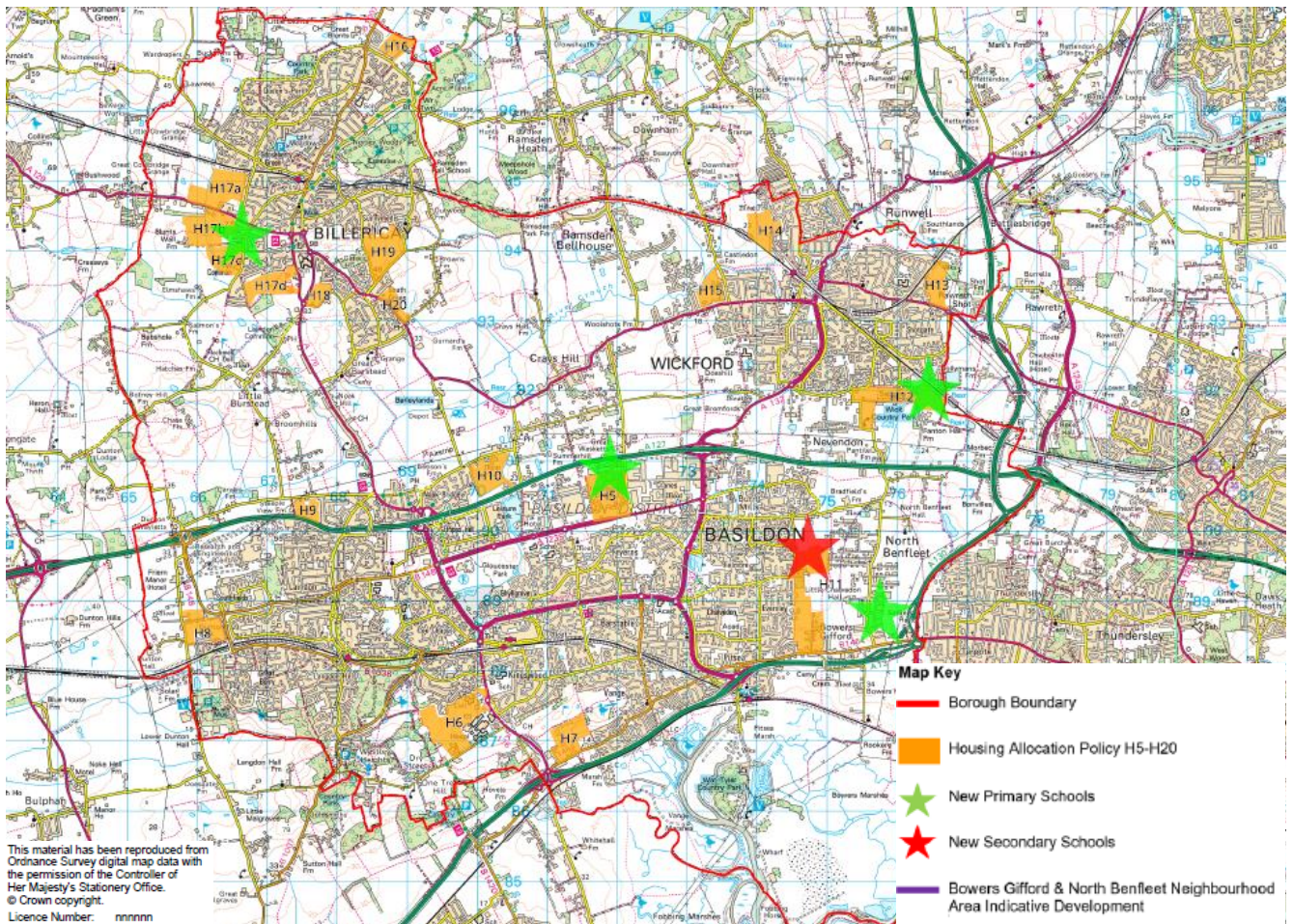
Secondary School Planning Group	Required additional infrastructure improvements to meet demand ²⁶
Group 1: Basildon	<ul style="list-style-type: none"> • New 10ha secondary school site, co-located with land for a primary school and EY&C facility • 3fe expansion of existing schools
Group 2: Billericay	<ul style="list-style-type: none"> • 1fe expansion of existing schools
Group 3: Wickford	<ul style="list-style-type: none"> • 2fe expansion of existing schools

2.2.34 To estimate the costs of secondary education infrastructure contributions for each site allocated in the Local Plan, the ECC Developers Guide²⁷ identified that contributions of £24,929 per place for new facilities, and £23,775 for the expansion of existing facilities, should be applied where additional infrastructure is required (index linked to January 2020 costs). The secondary education infrastructure developer contributions required for each site allocated in the Local Plan are presented in Table 2.7. Additional contributions may be required where land has to be purchased.

²⁶ All education land provided must meet the criteria set out within the ECC Developers Guide 2020.

²⁷ The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

Figure 2.2 Proposed locations of new primary and secondary schools in the Borough



Further Education - Post 16 education and training provision

a) Context and existing provision

- 2.2.35 Access to education for post 16 year olds plays a key role in skills development and assists both residents and businesses progression into, and through, sustainable employment and apprenticeships. Ages 16-18 education in Essex is mainly delivered through school sixth forms, sixth form colleges, further education (FE) colleges, or private training providers.
- 2.2.36 The Department for Education 'Raising the Participation' Policy requires all young people in England to continue in education or training beyond the age of 16. The law requires all young people in England to continue in education or training until at least their 18th birthday, although in practice most young people continue until the end of the academic year in which they turn 18.
- 2.2.37 ECC as the responsible Local Authority has broad duties (under the Education Act 1996) to encourage, enable and assist young people to participate in education or training. Specifically, these are:

- To secure sufficient suitable education and training provision for all young people in its area who are over compulsory school age but under 19 or aged 19 to 25 and for whom an Education, Health and Care (EHC) plan is maintained.
- To make available to all young people aged 13-19, and to those between 20 and 25 with special educational needs and disabilities (SEND), support that will encourage, enable, or assist them to participate in education or training.

2.2.38 Where ECC feels that there is a specific gap in provision that cannot be addressed by existing providers or growth plans, there is a process by which this can be brought to the attention of the Education and Skills Funding Agency (ESFA) for consideration and action.

2.2.39 Basildon Borough has post-16 education provision in the form of sixth forms at The Billericay School and Mayflower High School in Billericay; Beauchamps High School and The Bromfords School in Wickford; and Basildon Upper Academy in Basildon. There are also several other providers delivering Post-16 learning in the Borough, including South Essex College of Further and Higher Education (including Prospects College of Advanced Technology), Essex County Council Adult Community Learning (ACL), The LightBulb Ltd, LifeSkills Solutions Ltd, SEETEC Business Technology Centre Ltd and the Workers Educational Association. In addition, resident learners travel to Post-16 providers based outside of the Borough.

2.2.40 As of March 2021, Basildon has a total 16-18 cohort of 4,330, of which:

- 48.5% attend further education or a sixth form college
- 41.5% attend school sixth forms
- 4.8% are undertaking an apprenticeship or traineeship
- 6.9% are undertaking other types of training (including in some kind of employment, in custodial sentence, or other forms of training)
- 6.2% are either not in education, employment or training, or their destinations are unknown

2.2.41 Further education and skills comprise the following types of learning:

- i. Education and training - covering further education learning delivered mainly in a classroom, workshop or through distance or e-learning;
- ii. Apprenticeships - paid jobs that incorporate on- and off-the-job training leading to nationally recognised qualifications. Apprenticeships are not only for school leavers and young people; there is no upper age limit and individuals over 16, living in England and not in full-time education are eligible for apprenticeships;
- iii. Workplace learning - covering a broad range of training including basic skills, Level 2, Level 3 and higher-level skills. This training is mainly delivered in the workplace, but excludes apprenticeships;
- iv. Community Learning - funds a wide range of non-accredited provision, ranging from creative and cultural learning, modern foreign languages, personal development, IT courses, employability skills, family learning and activities to promote health and wellbeing civic engagement and community development.

b) Current infrastructure needs in the area

2.2.42 In 2021, Basildon had a total working age population of 115,400, of which:

- 26.7% had level 4+ qualifications (UK average 43.1%)
- 43.9% had level 3 qualifications (UK average 61.4%)
- 66.1% (approx. 77k residents) had level 2 qualifications (UK average 78.2%)
- 85.5% (approx. 99k residents) had level 1 qualifications (UK average 87.9%)
- 8.7% had other qualifications (UK average 5.7%)
- 5.9% (approx. 7k residents) had no qualifications (UK average 6.4%)

2.2.43 The percentage of Basildon residents with Level 1+, 2+, 3+ and 4+ qualifications is below the national average. There are known to be skills shortages in respects of certain sectors, in particular construction, which is fundamental to the delivery of both the growth proposed in the Local Plan, and the supporting infrastructure. There are also pockets of deprivation in Basildon Borough where additional efforts are required to engage hard to reach residents in employment, and in the education and skills training required to gain employment. Basildon Council is therefore working in partnership with other organisations to provide training in the construction skills section through the South Essex Construction Training Academy (SECTA), and in wider employment and skills engagement through the Advice Store. SECTA and the Advice Store are both time limited projects and will require ongoing funding to continue to operate into the future.

2.2.44 Lead agencies:

- Essex County Council
- Education and Skills Funding Agency
- The Department for Education - Education Funding Agency

2.2.45 Evidence base:

- 10-year Plan: Meeting the demand for school places in Essex 2021-2030 (ECC, 2021)
- The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

c) Delivering growth allocated in the Local Plan

2.2.46 To estimate the costs of post 16 education infrastructure contributions for each site allocated in the Local Plan, the ECC Developers Guide²⁸ identified that contributions of £23,962 per place should be applied where additional infrastructure is required. The post 16

²⁸ The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

education infrastructure developer contributions required for each site allocated in the Local Plan are presented in Table 2.7.

- 2.2.47 In addition, the ECC Developers' Guide to Infrastructure Contributions seeks financial contributions from developers towards vocational training and employment support and the production of an Employment and Skills Plan.

Special Educational Needs and Disability (SEND)

a) Context and existing provision

- 2.2.48 The Children and Families Act 2014 places a statutory requirement upon ECC as the appropriate body for provision in Basildon Borough, to use best endeavours to secure special education provision. This includes the designation of an appropriate member of staff within a state-maintained school or nursery as a Special Education Needs and Disability (SEND) coordinator, responsible for pupils with those needs.
- 2.2.49 The Equalities Act 2010 further requires that schools do not discriminate current or prospective students on grounds of their disability and seeks to ensure that reasonable adjustments are made by education providers where possible to allow children with disabilities the ability to participate in education.
- 2.2.50 Basildon has two dedicated SEND schools within the Borough: The Pioneer School and Castledon School. The Pioneer School is located in Baidon Town and is open to children aged from 3 to 19. The Pioneer School has provision to meet the needs of pupils with severe and multiple learning difficulties who have an Education, Health and Care (EHC) plan. Several pupils also have associated physical, sensory or communication difficulties, emotional behavioural difficulties and or medical problems. Castledon School is located in Wickford and is a SEND school for children aged 5 years to 19 years. Castledon School has provision for children with moderate learning difficulties and additional complex needs who have an EHC.
- 2.2.51 Two specially resourced provisions for children and young people with autism have been established in mainstream schools in the Borough, at Merrylands Primary School in Basildon and The Bromfords School in Wickford. Merrylands has 8 places for children aged 4-11 and Bromfords has 15 places for children and young people aged 11-16.
- 2.2.52 Castledon School has recently developed 6th form provision to enable local children with SEND to continue their education within their community.

b) Current infrastructure needs in the area

- 2.2.53 Forecasting requirements for school provision for children with SEND is more complex than projecting mainstream places. This is because the needs of children with SEND often do not manifest themselves until the child has been in the school system for some time. The additional needs presented are varied and include visual impairment, hearing impairment, physical disability, moderate learning difficulties, severe learning difficulties, autism or social emotional and mental health needs. Indeed, some children have more than one need to be

met. ECC therefore seeks to ensure that provision is available to meet a range of needs in each geographic area of the County.

- 2.2.54 Children and young people with special education needs present with many different types of need and it is not possible to provide for every need within each local authority area. Each SEND school is regarded as a regional centre of excellence for their type of SEND need and children attend from a wider geographical area. As such, some children in the Borough travel to SEND schools in other areas of the County. SEND needs may be met in a mainstream school, by a specially resourced or enhanced provision within a mainstream school, or in a SEND school depending upon the level of need.
- 2.2.55 As the number of children to be educated in Essex has increased, so too has the number of children presenting with SEND. To ensure there would be sufficient good quality provision available for all children with SEND within their communities, ECC produced a strategy which included supporting academies to form multi academy trusts which could bid to open SEND Free Schools. Whilst ECC has secured funding for four special Free Schools, two to meet the needs of children and young people with social, emotional and mental health needs and two to meet the children and young people with complex autism needs, none of these new schools will be constructed in Basildon Borough.
- 2.2.56 Castledon School SEND 6th form provision is over-subscribed and demand for places is increasing. Any further housing development is likely to add to that demand and capacity to expand the school is limited. Pioneer School is full and demand for places has increased. There is however space on the school site to expand should there be a need for additional places to be developed.
- 2.2.57 Lead agencies:
- Essex County Council
 - Essex Special Schools Education Trust
- 2.2.58 Evidence base:
- Essex local offer website (www.essexlocaloffer.org.uk/?s=&category=special-schools)

c) Delivering growth allocated in the Local Plan

- 2.2.59 Growth allocated in the Local Plan will increase demand for SEND schools places in Basildon Borough. ECC projects that 3.4% of the demand for school places arising from housing growth will require SEND provision. ECC has not identified any additional infrastructure projects or costs associated with this demand which should be attributed to new development proposed in the Local Plan. It is therefore assumed that the facilities and infrastructure costs for delivering SEND provision are incorporated into the costs for additional education provision set out within this chapter.

Education summary and next steps

- 2.2.60 This section has identified education infrastructure projects required to support growth allocated in the Local Plan relating to early years and childcare facilities, primary schools, secondary schools, post 16 education, and SEND. Table 2.7 below uses the recommended infrastructure costs identified within the ECC Developers Guide²⁹ to identify the total education related infrastructure contributions proposed for sites allocated in the Local Plan.
- 2.2.61 Basildon Borough Council (BBC) will continue to work closely with the ECC through the progression of the Local Plan examination and the delivery of Local Plan site allocations to ensure that the information contained within the IDP is accurate in relation to understanding the level of demand for educational facilities in the Borough, the infrastructure improvements required, and how these identified improvements will be delivered.

²⁹ The Essex County Council Developers' Guide to Infrastructure Contributions, ECC, 2020

Table 2.7 Total education infrastructure developer contributions required from Local Plan site allocations (index linked to January 2020 costs)

Site Ref	Early years and childcare		Primary		Secondary		Post 16		Total education requirements per site
	Pupil product ⁽⁵⁾	ECC required contribution per site ⁽⁹⁾	Pupil product ⁽⁶⁾	ECC required contribution per site ⁽¹⁰⁾	Pupil product ⁽⁷⁾	ECC required contribution per site ⁽¹¹⁾	Pupil product ⁽⁸⁾	ECC required contribution per site ⁽¹²⁾	
H5+	68.6115	£1,407,085	228.705	£4,690,282	152.47	£3,624,974	30.2175	£724,072	£10,446,413
H6+	40.2984	£695,873	134.328	£2,754,799	89.552	£2,129,099	17.748	£425,278	£6,005,048
H7	33.8715	£694,637	112.905	£1,949,644	75.27	£1,789,544	14.9175	£357,453	£4,791,278
H8	26.055	£449,918	86.85	£1,499,726	57.9	£1,376,573	11.475	£274,964	£3,601,180
H9	21.27825	£367,433	70.9275	£1,224,776	47.285	£1,124,201	9.37125	£224,554	£2,940,964
H10	34.74	£712,448	115.8	£1,999,634	77.2	£1,835,430	15.3	£366,619	£4,914,131
H11	39.951	£819,315	133.17	£2,731,050	88.78	£2,213,197	17.595	£421,611	£6,185,173
H12	95.535	£1,959,232	318.45	£6,530,773	212.3	£5,047,433	42.075	£1,008,201	£14,545,638
H13	24.318	£419,923	81.06	£1,399,744	54.04	£1,284,801	10.71	£256,633	£3,361,101
H14	43.425	£749,863	144.75	£2,499,543	96.5	£2,294,288	19.125	£458,273	£6,001,967
H15	26.055	£449,918	86.85	£1,499,726	57.9	£1,376,573	11.475	£274,964	£3,601,180
H16	22.14675	£382,430	73.8225	£1,274,767	49.215	£1,170,087	9.75375	£233,719	£3,061,003
H17a	46.899	£961,805	156.33	£3,206,016	104.22	£2,477,831	20.655	£494,935	£7,140,586
H17b	25.1865	£516,525	83.955	£1,721,749	55.97	£1,330,687	11.0925	£265,798	£3,834,759
H17c	30.3975	£623,392	101.325	£2,077,973	67.55	£1,606,001	13.3875	£320,791	£4,628,158
H17d	45.162	£926,182	150.54	£3,087,274	100.36	£2,386,059	19.89	£476,604	£6,876,120

	Early years and childcare		Primary		Secondary		Post 16		
Site Ref	Pupil product ⁽⁵⁾	ECC required contribution per site ⁽⁹⁾	Pupil product ⁽⁶⁾	ECC required contribution per site ⁽¹⁰⁾	Pupil product ⁽⁷⁾	ECC required contribution per site ⁽¹¹⁾	Pupil product ⁽⁸⁾	ECC required contribution per site ⁽¹²⁾	Total education requirements per site
H18	17.37	£299,945	57.9	£999,817	38.6	£917,715	7.65	£183,309	£2,400,787
H19	34.74	£599,890	115.8	£1,999,634	77.2	£1,835,430	15.3	£366,619	£4,801,573
H20	16.5015	£284,948	55.005	£949,826	36.67	£871,829	7.2675	£174,144	£2,280,747
H21a	Trigger for net new dwellings not met	£0	Trigger for net new dwellings not met	£0	Trigger for net new dwellings not met	£0	Trigger for net new dwellings not met	£0	£0
H21b	1.737	£29,995	5.79	£99,982	3.86	£91,772	0.765	£18,331	£240,079
H21c	Trigger for net new dwellings not met	£0	Trigger for net new dwellings not met	£0	Trigger for net new dwellings not met	£0	Trigger for net new dwellings not met	£0	£0
H22	5.7321	£98,982	19.107	No additional infrastructure required	12.738	£302,846	2.5245	£60,492	£462,320
SD3a	117.2475	£2,404,512	390.825	£8,015,039	260.55	£6,194,576	51.6375	£1,237,338	£17,851,465
SD3b	3.21345	£55,490	10.7115	£184,966	7.141	£169,777	1.41525	£33,912	£444,146
R2	245.619	£5,037,154	818.73	£14,137,830	545.82	£12,976,871	103.375	£2,477,072	£34,628,926
R5	17.9685	£310,280	59.895	£1,034,267	39.93	£949,336	7.5625	£181,213	£2,475,095
Total		£21,257,173		£67,568,837		£57,376,926		£11,316,899	£157,519,836

Notes

- (1) On mixed developments, assumed that 7% of the dwellings allocated will be flats with the exception of town centre regeneration in Basildon and Wickford (R2 and R5) where a significantly higher proportion of flatted development is expected. For the purposes of estimating high level education costs, it is assumed that around 35% of development in the town centres will be flats.
- (2) Qualifying flats are flats which are estimated to result in a need for school places (*the trigger for qualifying flats is not set out within any ECC or BBC documents, therefore assumed that all flats qualify unless the 20+ net new dwellings trigger from the ECC Developers Guide to Infrastructure Contributions (2020) is not met.*)
- (3) Qualifying houses = net new dwellings - number of flats - homes for the elderly (*homes for the elderly is assumed to be 0 at present, BBC to advise if a percentage of homes should be allocated for the elderly. Note: the SHMA Addendum has identified the projected need for additional specialist accommodation up to 2037 for the Borough of 1,716 units.*)
- (4) Qualifying houses do not include housing for the elderly, as school places will not be required (*homes for the elderly is assumed to be 0 at present, BBC to advise if a percentage of homes should be allocated for the elderly.*)
- (5) Pupil product has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions, ECC, 2020 (0.045 per flat, 0.09 per house)
- (6) Pupil product has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions, ECC, 2020 (0.15 per flat, 0.3 per house)
- (7) Pupil product has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions, ECC, 2020 (0.1 per flat, 0.2 per house)
- (8) Pupil product has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions, ECC, 2020 (0.01 per one bed flat, 0.02 per 2+ bed flat, 0.04 per house) (*as no assumptions are yet provided on number of bedrooms in flats, average of 0.015 is used for all flats.*)
- (9) Required contribution has been calculated as advised by ECC through consultation in December 2021 (new facility provision = pupil product x £20,508 (cost per pupil), additional places / extension to existing facilities = pupil product x £17,268)
- (10) Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions, ECC, 2020 (new school provision = pupil product x £20,508 (cost per pupil), additional school places / extension to existing facilities = pupil product x £17,268)
- (11) Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions, ECC, 2020 (new school provision = pupil product x £24,929 (cost per pupil), additional school places / extension to existing facilities = pupil product x £23,775)
- (12) Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions, ECC, 2020 (pupil product x £23,962 (cost per pupil))
- + This table presents a proposed approach to providing infrastructure contributions prior to any planning approvals on the allocated sites. Sites H5 and H6 have planning approval with agreed S106 contributions. The contributions allocated to sites H5 and H6 will not therefore be provided as indicated within the table. An alternative approach to delivering infrastructure projects associated with sites with extant planning permission is considered within the IDP Implementation and Delivery chapter.

2.3 Transport

- 2.3.1 Essex County Council is the Local Highway Authority, with a responsibility to manage and maintain the highway network, and the Local Transport Authority, with transport planning responsibilities for the administrative area of Essex, excluding Southend and Thurrock Unitary Authorities. Under the Transport Act 2000 (as amended by the Local Transport Act 2008), ECC must develop a transport strategy that includes policies for the promotion and encouragement of safe, integrated, efficient and economic transport facilities and services to, from and within their area, that are required to meet the needs of persons living or working in the authority's area, or visiting or travelling through that area, including those required for the transportation of freight. The transport strategy and supporting transport policies are contained within the Local Transport Plan (LTP) and it is the responsibility of ECC as the Local Transport Authority to produce, maintain and update the LTP.
- 2.3.2 The County Council's current statutory transportation strategy is contained in its third Local Transport Plan (LTP3), the "Essex Transport Strategy" that was adopted formally in July 2011. In this document, Essex County Council states that 'our vision is for a transport system that supports sustainable economic growth and helps deliver the best quality of life for the residents of Essex'.
- 2.3.3 The LTP identifies that effective transport networks are essential to ensure the efficient and effective movement of people and goods necessary to support a thriving economy, and that it is essential that transport networks are developed in an integrated way that not only supports growth and increased prosperity but does this in a way that creates great places to live, work and visit and also enables people to live independently and make the most of the opportunities available to them. The LTP prioritises the effective use of the current network including support for less infrastructure intensive and more sustainable forms of transport. Investment is then targeted at local improvements such as addressing pinch points, improving sustainable transport and providing access to new developments; before considering investment in more significant new infrastructure is considered. LTP4 is proposed to be prepared in 2022.
- 2.3.4 The LTP is supported by a suite of more specific documents including the Bus Strategy, the Cycling Strategy, the Walking Strategy, the Sustainable Modes of Travel Strategy, and locally specific implementation plans that are also periodically updated by ECC and Basildon Council, such as the Local Cycling and Walking Infrastructure Plan (LCWIP).
- 2.3.5 The Cities and Local Government Devolution Act (2016) introduced Sub-national Transport Bodies (STB). Government sees STBs as delivering improved collective transport planning and decision making over areas larger than current transport authorities. Essex and Basildon are located within the area covered by Transport East. Transport East is responsible for the development of a high-level transport strategy linked to the delivery of economic growth and prosperity and has a functional link with spatial planning. To deliver its strategy Transport East will seek to:
- Work with Highways England to "Co-create" the future Road Investment Strategy (RIS) programme for the strategic road network;
 - Define and prioritise investment programmes for the new Major Road Network;

- Influence Network Rail investment by the “Co-creation” of an investment programme via the new Rail Network Enhancements Pipeline (RNEP);
- Seek to Influence future rail franchise specifications;
- Advise Government on other major transport scheme funding decisions; and
- Provide regional co-ordination and best practice across the East of England.

2.3.6 Transport East (TE) is presently consulting on a draft regional Transport Strategy up to 2050 and its accompanying draft Investment and Delivery Programme until 30th January 2022. Six corridor programmes are identified, including South Essex, London, Thurrock, Basildon, and Southend. Our South Essex corridor is a major location for economic growth and comprises growing urban areas. The draft TE strategy sets out ambitions and priority areas for improved connections and new infrastructure. It will align with established national, regional and local plans.

Highways

a) Context and existing provision

2.3.7 Basildon’s predominantly urban nature means that the Borough is well connected in terms of highways infrastructure. The Borough has national and regional strategic road networks; via the east-west A127, A13 and north-south A130 corridors. The A127 forms the central corridor through South Essex, providing a vital link between London and Southend and connecting large centres of population and industry with London Southend Airport.

2.3.8 Internal main routes within the Borough include:

- A1235: Basildon Enterprise Corridor
- A176: Basildon Hospital
- A129: Billericay to Wickford

2.3.9 The remainder of the Borough’s highway network consists of B and C roads.

b) Current infrastructure needs in the area

2.3.10 The A127 runs through the heart of the Borough acting both as a local connection, and also as a strategic route into London. The A13 fulfils similar functions and is located to the south of the Borough. In this context, the Local Plan transport evidence base shows that parts of the highway network in the Borough already operate at, or near capacity, making it more vulnerable to congestion incidents. Such incidents quickly impact on other routes resulting in significant queue lengths at some junctions, and results in unreliable journey times for car and public transport users. It found particular capacity issues with the strategic west-east routes of the A127 and the A13, and their junctions.

2.3.11 Congestion is common on several key routes in Basildon Town Centre including the A1235 and A132 around the Basildon Enterprise Corridor, the A176 between Five Bells and Basildon

Hospital and the A132 / A13 junction in Pitsea. Congestion is also common on roads linking Basildon Town Centre to the local centres, including the A129 / A130 and B1007.

2.3.12 The A127 is not a trunk route and has significant capacity issues. Congestion at key junctions along its route is also a problem with the A127/A130 Fairglen Interchange suffering particularly severe congestion during peak periods. It is expected that congestion on the A127 will worsen as a result of growth across South Essex without mitigation. This includes growth in Basildon, Brentwood, Castle Point, Chelmsford, Rochford and Southend-on-Sea. There are key economic growth opportunities served by this corridor also including the Basildon A127 Enterprise Corridor and London Southend Airport. A 'short term' scheme will improve traffic conditions until 2036, and funding is being sought for a longer-term scheme beyond this.

2.3.13 The UK Air Quality Action Plan for Nitrogen Dioxide (2017) is particularly relevant for the Borough due to air quality concerns at the A127 Fortune of War junction, where national modelling has indicated the potential for Nitrogen Dioxide levels to exceed European limits. Proposed improvements at this junctions are expected to provide travel time and air quality benefits.

2.3.14 Lead agencies:

- Essex County Council as Local Highway Authority and the Local Transport Authority
- Transport East
- The South Essex Local Enterprise Partnership (SELEP)

2.3.15 Evidence base:

- Local Transport Plan, ECC, 2011
- Basildon HLDF, South West Billericay Development Framework, Pell Frischmann, 2017
- Basildon HLDF, East Basildon Development Framework, Pell Frischmann, 2017
- Basildon HLDF, Gardiners Lane Development Framework, Pell Frischmann, 2017
- Part 1 – Transport and Highway Impact Assessment, Ringway Jacobs / ECC, July 2017
- UK Air Quality Action Plan for Nitrogen Dioxide, DEFRA/DfT, 2017
- Part 2 – Transport and Highway Impact Assessment, Ringway Jacobs / ECC, March 2018 (referred to as Part 2 THIA and THIA 2018)
- Transport East Regional Evidence Base, Transport East, 2019
- Basildon Local Plan – Publication Local Plan Transport and Highway Impact Assessment – Pound Lane/Cranfield Park Road Junction Addendum, Ringway Jacobs / ECC, 2019 (Referred to as the THIA Addendum 2019)
- Basildon Local Plan Examination Support – Assessing implications of mode-shift on junction capacity, Technical Note, ECC, 2020
- Review of Church End Lane / A132 Junction – W3, ECC, 2020
- Pound Lane, Bowers Gifford Technical Note, Essex Highways, 2021
- A127 Junction with Cranfield Park Road, Nevendon, Technical Note, Essex Highways, 2021
- Basildon Local Plan Frithwood Lane, Billericay Outline Design Options Technical Note, Essex Highways, 2021

- Sensitivity Test Modelling, Essex Highways, 2021
- South West Billericay Link Road Supplementary Transport Modelling, Essex Highways, 2021
- Basildon Town Centre Modelling Forecast Report, Essex Highways, 2021
- Frithwood Lane and Tye Common Road, Property Cost Estimate, Lambert Smith Hampton, 2021
- Transport East Draft Strategy, Transport East, 2021
- Summary of work undertaken to support the Basildon Local Plan at Examination post-publication, Essex Highways, 2022

c) Delivering growth allocated in the Local Plan

- 2.3.16 Throughout the preparation of the Local Plan, Ringway Jacobs/Essex Highways have produced a range of Local Plan evidence base documents, collectively referred to as the 'Local Plan transport evidence base'. A complete summary of the Local Plan transport evidence base is presented within the 'Summary of work undertaken to support the Basildon Local Plan at Examination post-publication'³⁰.
- 2.3.17 Transport and Highway Impact Assessments (THIA) have been undertaken to identify the mitigation measures needed to ensure adverse impacts on congestion across the highway network associated with growth allocated in the Local Plan are managed appropriately. The outcomes of this work have informed the transport infrastructure requirements and costings set out in this IDP.
- 2.3.18 The THIA³¹ assessed the impacts of growth proposed in the Local Plan on the highways network in and around the Borough, including assessing in detail the performance of junctions now and at the end of the Plan period, both with and without the proposed growth. Where junctions were identified as likely to be over capacity as a result of the impacts of growth, the THIA identified a range of mitigation measures presented in Table 2.8. Through the mitigation measures identified, the THIA concluded that *'the Publication Local Plan Growth scenario can be mitigated to a similar level of network operation as the existing situation at a number of locations across the network. Where this is not achieved, traffic growth can at least be mitigated back to generally deliver betterment over the 2034 Background Growth ('Do-Minimum') scenario, where no Local Plan growth and only limited transport improvements are delivered'*.
- 2.3.19 Further highways assessments and technical notes have been produced to consider how highways improvements could be delivered to support growth in the area. Specific projects which will support the delivery of growth in the Local Plan identified through these additional assessments and notes are listed within Table 2.8.
- 2.3.20 To consider the impacts of proposed modifications to the Local Plan on the conclusions of the Local Plan transport evidence base, Essex Highways produced the Sensitivity Test

³⁰ Summary of work undertaken to support the Basildon Local Plan at Examination post-publication, Essex Highways, 2022

³¹ Part 2 – Transport and Highway Impact Assessment, Ringway Jacobs, March 2018

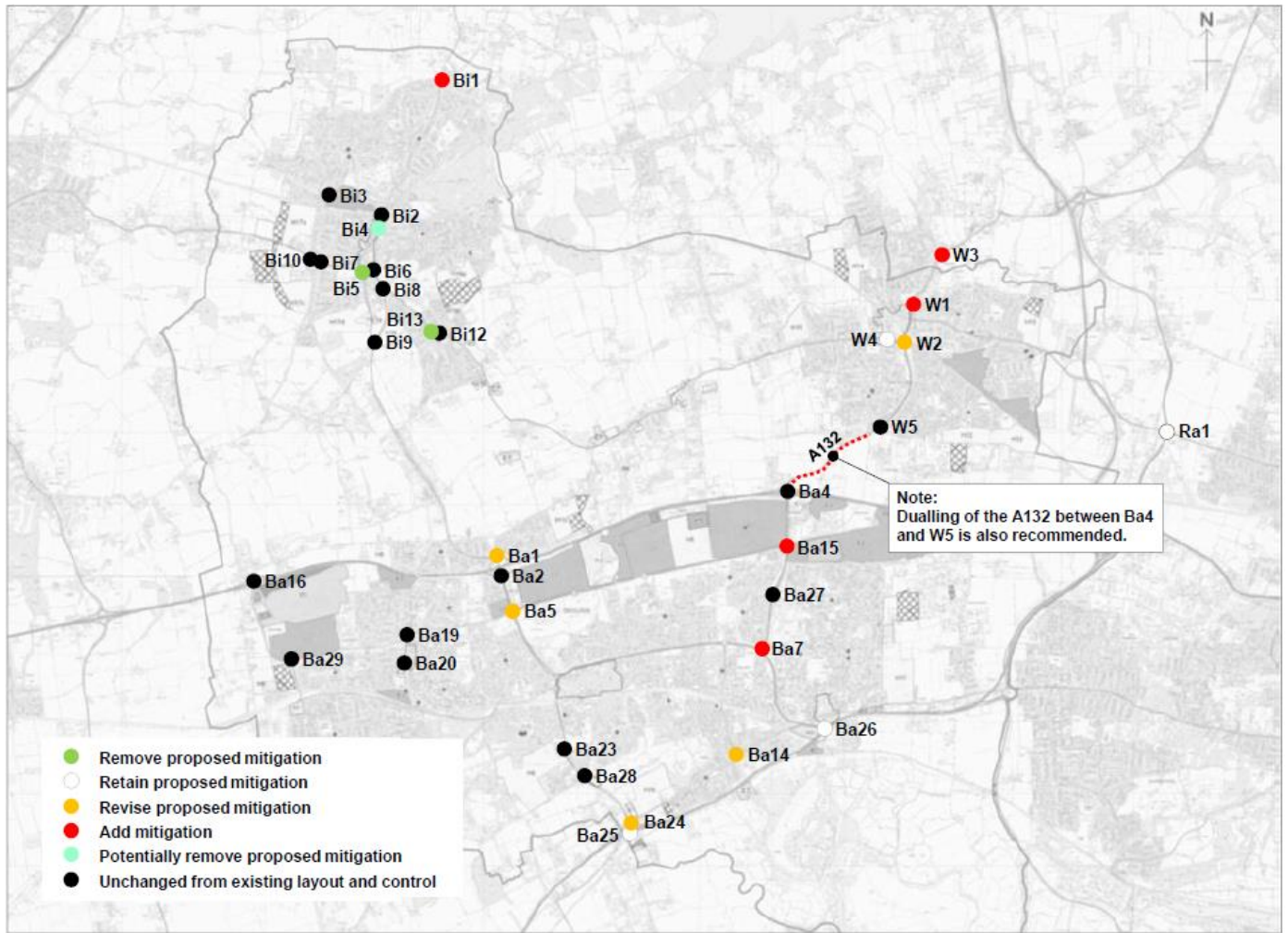
Modelling³². The report reassessed 35 previously assessed junctions, to consider if the conclusions of the previous modelling required amending as result of the modifications to the Local Plan growth strategy. The report concluded that as a result of the modified Local Plan growth strategy:

- 18 junctions require no mitigation.
- 7 junctions continue to require mitigation as identified within the THIA or preceding associated assessments.
- 1 junction is identified as requiring mitigation works where this was previously not required.
- 6 junctions require revised mitigation works.
- 3 junctions no longer require mitigation works, where this was previously proposed.
- The dualling of the A132 between junctions Ba4 and W5 is recommended.

2.3.21 The outcomes of the Sensitivity Test Modelling report are presented in Figure 2.3 and Table 2.8 below.

³² Sensitivity Test Modelling, Essex Highways, 2021

Figure 2.3 Conclusions of the Sensitivity Test Modelling Report³³



³³ Sensitivity Test Modelling, Essex Highways, 2021

Table 2.8 Highways mitigation works required to support growth proposed in the Local Plan

Junction ref(1)	Location	Proposed mitigation	Mitigation source	Estimated project cost(5)	Project cost source	Funding mechanism	Contributing sites	Proportion of total dwellings(3)	Indicative estimated contribution(4)	Apportionment assessment	Notes
Ba1	A127 / A176 Noak Bridge Interchange	Signalisation of all approaches and adjacent circulating lanes plus 3 lanes on circulatory carriageway and all approaches excluding the western arm and a 2 lane exit on the northern arm.	THIA 2018 Revised in the Sensitivity Test Modelling 2021	£2,500,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H5, H9, H10	55%	£1,376,307	Improved access to/from Basildon for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								17%	£426,829		
								28%	£696,864		
Ba5	Cranes Farm Road / A176 Upper Mayne / St. Nicholas Lane	Signalisation of the western and southern approaches and adjacent circulating lanes	THIA 2018 Revised in the Sensitivity Test Modelling 2021	£600,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H5, H9, H10	55%	£330,314	Improved access to/from Basildon for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	Project could also assist with bus service reliability
								17%	£102,439		
								28%	£167,247		
Ba7	Broadmayne / South Mayne / Ashlyns	South Mayne approach as 3-lane entry and provide 3-lane circulatory between South Mayne and Broadmayne arms	THIA Addendum 2019 Included within the Sensitivity Test Modelling 2021	£1,200,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H6, H7, H11	35%	£423,744	Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								30%	£356,164		
								35%	£420,091		
Ba14	B1464 London Road / High Road / Clay Hill Road	Convert to a standard roundabout with two lanes on all approaches	THIA 2018 Revised in the Sensitivity Test Modelling 2021	£600,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H6, H7, H11	35%	£211,872	Improved access to/from Basildon for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								30%	£178,082		
								35%	£210,046		
Ba15	Cranes Farm Road / A132 East Mayne	Widen 3 lane East Mayne southern approach to 3.5m per lane	THIA Addendum 2019 Included within the Sensitivity Test Modelling 2021	£400,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H5, H11	63%	£252,800	Improved access to/from Basildon for allocations. Proximity to mitigation. Sites most likely to benefit from works.	
								37%	£147,200		
Ba24	A13/A176 Five Bells Interchange North	Signalisation of the northern approach and adjacent circulating lanes, with two lane exit on the northern and eastern arms and three lane approach on the northern arm.	THIA 2018 Revised in the Sensitivity Test Modelling 2021	£900,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H6, H7, H11	35%	£317,808	Improved access to/from Basildon for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								30%	£267,123		
								35%	£315,068		

Junction ref(1)	Location	Proposed mitigation	Mitigation source	Estimated project cost(5)	Project cost source	Funding mechanism	Contributing sites	Proportion of total dwellings(3)	Indicative estimated contribution(4)	Apportionment assessment	Notes
Ba25	A13/A176 Five Bells Interchange South	Convert to signal roundabout	THIA 2018 Included within the Sensitivity Test Modelling 2021	£1,000,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H6, H7, H11	35%	£353,120	Improved access to/from Basildon for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								30%	£296,804		
								35%	£350,076		
Ba26	A13/A132 Pitsea Interchange	Convert to signal roundabout	THIA 2018 Included within the Sensitivity Test Modelling 2021	£1,800,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H6, H7, H11	35%	£635,616	Improved access to/from Basildon for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								30%	£534,247		
								35%	£630,137		
Ba30	Sadlers Farm A130 / A13/ London Road	Extend A13 Westbound approach arm from 3 lanes to 4 lanes instead of flare	THIA Addendum 2019	£360,000	THIA Addendum 2019	Developer Contributions	SD3, H11	25%	£91,492	Proximity to mitigation. Sites likely to benefit from works.	
								75%	£268,508		
Ra1	A1245 Chelmsford Road/A129 London Road	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	THIA 2018 Included within the Sensitivity Test Modelling 2021	£1,400,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H5, H10, H11, H12, H13, H14, H15	21%	£288,773	Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								10%	£146,214		
								12%	£168,146		
								29%	£402,089		
								7%	£102,350		
								13%	£182,768		
8%	£109,661										
Bi1	B1007 Stock Road / Queens Park Avenue / Potash Road	Convert to signalised crossroads.	Sensitivity Test Modelling 2021	£2,300,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H16	100%	£2,300,000	Improved access to/from Billericay for allocations. Proximity to mitigation. Site most likely to benefit from works.	
Bi4	Norsey Road	Norsey Road arm northeast-bound only	Sensitivity Test Modelling 2021	£200,000	Sensitivity Test Modelling, Essex Highways, December 2021	TBC		n/a	TBC	Need for works relates to public realm improvements rather than impact on highway network.	
W1	A132 Runwell Road/ A132 / Runwell Road	Part signalisation of A132 Golden Jubilee Way	THIA Addendum 2019 Included within the Sensitivity Test Modelling 2021	£600,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H12, H13, H14, H15	50%	£302,752	Improved access to/from Wickford for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								13%	£77,064		
								23%	£137,615		
								14%	£82,569		
W2	A132 Golden Jubilee Way / Radwinter Avenue /	Signalisation of the southern approach and adjacent circulating lanes.	THIA 2018 Revised within the Sensitivity Test Modelling 2021	£300,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H12, H13, H14, H15	50%	£151,376	Improved access to/from Wickford for allocations. Proximity to mitigation. Sites most likely to benefit from works.	
								13%	£38,532		
								23%	£68,807		
								14%	£41,284		

Junction ref(1)	Location	Proposed mitigation	Mitigation source	Estimated project cost(5)	Project cost source	Funding mechanism	Contributing sites	Proportion of total dwellings(3)	Indicative estimated contribution(4)	Apportionment assessment	Notes
	A129 London Road									Town centres not included based on impact on the network and viability	
W3	A132 Runwell Road/ Church End Lane	Convert to signalised junction with a short lane for right turn movements from Runwell Road (northeast) to Church End Lane (northwest)	THIA Addendum 2019 Revised within the Sensitivity Test Modelling 2021	£1,000,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H12, H13, H14, H15	50%	£504,587	Improved access to/from Wickford for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								13%	£128,440		
								23%	£229,358		
								14%	£137,615		
W4	A129 London Road / Nevendon Road / High Street	Traffic redistribution on London Road East, Widen carriageway on London Road West	THIA 2018 Included within the Sensitivity Test Modelling 2021	£150,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H12, H13, H14, H15	50%	£75,688	Improved access to/from Wickford for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	
								13%	£19,266		
								23%	£34,404		
								14%	£20,642		
Ba4-W5	A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	Dualling of the A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	Sensitivity Test Modelling 2021	£20,000,000	Sensitivity Test Modelling, Essex Highways, December 2021	Developer Contributions	H12, H13, H14, H15	50%	£10,091,743	Improved accessibility into Wickford, therefore supporting accessibility for all allocations in the town.	
								13%	£2,568,807		
								23%	£4,587,156		
								14%	£2,752,294		
N/A	A127 / Cranfield Park Road, Nevendon	Junction and route improvements	A127 Junction with Cranfield Park Road, Nevendon, Technical Note 2021	?		Developer contributions	H12, H13, H14, H15	50%		Improved access to/from Wickford for allocations. Proximity to mitigation. Sites most likely to benefit from works. Town centres not included based on impact on the network and viability	Scheme not costed within the Technical Note. Possible additional costs for active travel route
								13%			
								23%			
								14%			
N/A	Southern A176 Laindon Road	Billericay two-way implementation	THIA 2018	£200,000	Technical Note – Basildon Local Plan Mitigation Costs December 2015	Developer Contributions	h17a, H17b, H17c, H17d, H18	28%	£56,842	Improvement required to support accessibility to/from sites. Proximity to mitigation. Sites most likely to benefit from works.	
								15%	£30,526		
								18%	£36,842		
								27%	£54,737		
N/A	Billericay West	Billericay western link road	THIA 2018 South West Billericay Link Road Supplementary Transport Modelling	£18,700,000	• South West Billericay High Level Development Framework 2017 • Frithwood Lane and Tye Common Road, Property Cost Estimate, LSH, 2021	S278 (Allocation H17)	H17a, H17b, H17c, H17d	32%	£5,940,000	Improvement required to support accessibility to/from sites. Proximity to mitigation. Sites most likely to benefit from works.	Estimated project cost includes land assemblage costs of £2m. May be a need for additional segregated cycling and walking route.
								17%	£3,190,000		
								21%	£3,850,000		
								31%	£5,720,000		

Junction ref(1)	Location	Proposed mitigation	Mitigation source	Estimated project cost(5)	Project cost source	Funding mechanism	Contributing sites	Proportion of total dwellings(3)	Indicative estimated contribution(4)	Apportionment assessment	Notes
N/A	A127 / Pound Lane, East Basildon	Junction and route improvements	Pound Lane, Bowers Gifford Technical Note, 2021	£4,000,000	Pound Lane, Bowers Gifford Technical Note, 2021	Developer Contributions	SD3a, H11, E5	75%	£1,988,950	Proximity to mitigation. Sites most likely to benefit from works.	Possible additional costs for active travel route
								25%	£677,716		
								n/a	£1,333,333		
N/A	Burnt Mills Road, East Basildon	New link road parallel to Burnt Mills Road with banned left turn for west-bound traffic	THIA 2018 East Basildon High Level Development Framework 2017	?		S278 (allocation E6) / Developer Contributions	E5	n/a		Improved access to Basildon for both allocations. Proximity to mitigation. Sites most likely to benefit from works.	
N/A	Tyefields / Pound Lane, East Basildon	East-West link road	East Basildon High Level Development Framework 2017	?		Developer Contributions	SD3a	100%		Improved access to Basildon. Proximity to mitigation. Site most likely to benefit from works.	No cost estimates included within the HLDF for this project. The project not considered further in the THIA
N/A	Dunton, West Basildon	Link road	THIA 2018	£3,000,000	Developer cost estimate based on 300 home scheme.	S278 (Allocation H8)	H8	100%	£3,000,000	Only site related to and benefiting from the project	
Total highways mitigation schemes				£61,210,000							

Notes

(1) Junction references used within ECC / Essex Highways / Ringway Jacobs assessments

(2) The IDP is a 'living document' with the information provided therein regarding necessary infrastructure and their costs being a 'snapshot' in time, subject to indexation and appropriate review. The information within the IDP will be subject to further review as part of the detailed planning application process, where further details will become known about the land use mix, housing mix, site and wider infrastructure requirements and their detailed costings (including indexation)

(3) Calculation = site allocation dwelling total / total number of dwellings in the contributing sites

(4) For residential developments, costs are apportioned based on the number of dwellings. Calculation = estimated project cost x proportion of total dwellings for the site. For projects shared between employment and residential, costs are distributed evenly between the sites. Calculation = total cost / number of sites

(5) With the exception of the dualling of the A132 between junctions Ba4 and W5, the delivery costs identified within the Sensitivity Test Modelling are high level desktop estimates based on existing outline/concept designs and include notional amount for stats diversion and a 30% optimism bias. They exclude construction year uplift, land purchase, compensation to affected third parties, environmental mitigation and detailed statutory works and buildability investigations. The Sensitivity Test Modelling Report presented possible minimum and maximum delivery costs, the maximum option is presented in this table. The dualling of the A132 between junctions Ba4 and W5 is the most uncertain of all of the costs cited.

+ This table presents a proposed approach to providing infrastructure contributions prior to any planning approvals on the allocated sites. Sites H5 and H6 have planning approval with agreed S106 contributions. The contributions allocated to sites H5 and H6 will not therefore be provided as indicated within the table. An alternative approach to delivering infrastructure projects associated with sites with extant planning permission is considered within the IDP Implementation and Delivery chapter.

Rail

a) Context and existing provision

2.3.22 Basildon is served by two mainline railway branches owned by Network Rail, the Great Eastern Main Line (GEML) operated by Greater Anglia and the Essex Thameside operated by Trenitalia c2c Limited. The GEML operated by Greater Anglia is on the 'London Liverpool Street to Southend Victoria' line which has an off-peak service of approximately three trains per hour in each direction. The stations in the Borough served by the Greater Anglia line are:

- Billericay
- Wickford

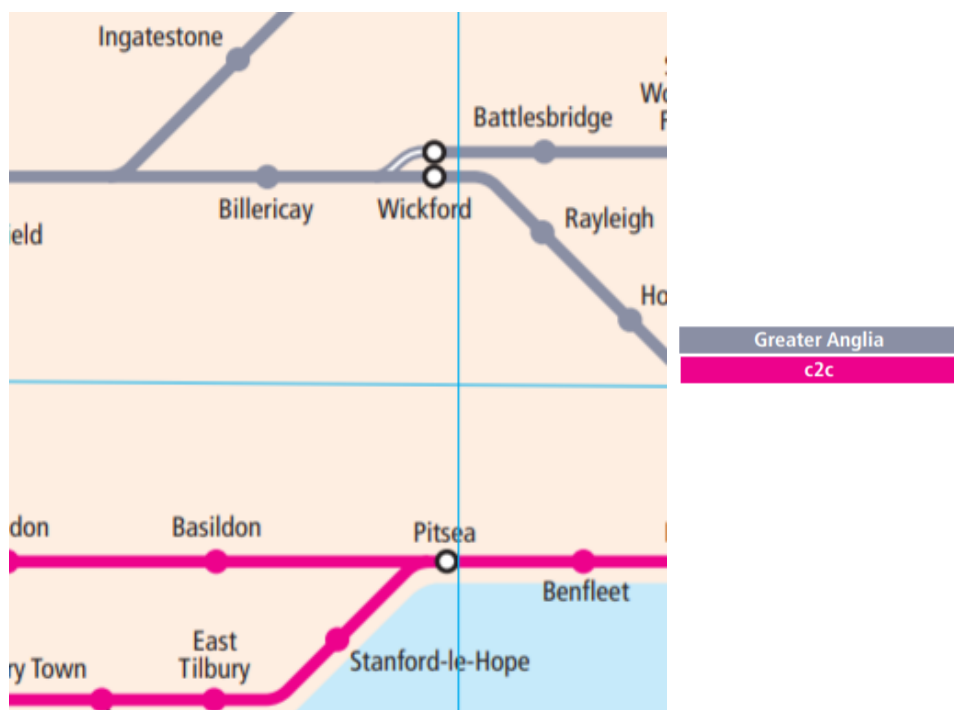
2.3.23 The Essex Thameside line operated by Trenitalia c2c Limited is on the 'London Fenchurch Street to Shoeburyness' main line which has an off-peak service of approximately four trains per hour in each direction. The stations in the Borough served by the Trenitalia c2c Limited line are:

- Basildon
- Pitsea
- Laindon

2.3.24 The Transport East Regional Evidence Base (2019) notes that settlements close to London including Benfleet, Basildon, Billericay, Brentwood and Laindon are also popular with annual levels of usage exceeding 2 million passengers per year.

2.3.25 Figure 2.4 below provides an overview of the operator rail lines in the Borough.

Figure 2.4 Operator rail lines in the Borough



b) Current infrastructure needs in the area

- 2.3.26 During the Covid-19 pandemic there has been a reduction in the use of public transport. While this is expected to be a short term impact, the long term impacts upon peoples travel and movement choices following the pandemic, and the associated impacts upon the demand for public transport services, remains uncertain at this time.
- 2.3.27 Prior to the Covid-19 pandemic, the Great Eastern Mainline Study (2019) notes that rail services across on the GEML are very busy with some services requiring people to stand. The Great Eastern Mainline Study (2019) assessed the long-term capacity need of the GEML in consideration of the expected growth in passenger demand over the next 25 years. Over the next 25 years it is estimated that growth in rail demand towards London Liverpool Street will increase by between 40% and 60%. It notes that without changes to timetable, stopping patterns and service uplifts, there is likely to be train capacity issues on services to London Liverpool Street as far out as Colchester by 2024, Billericay by 2029, Manningtree by 2033 and Ipswich by 2034. In the evening peak it is expected that there will be train capacity issues on services between Stratford and Chelmsford in the evening peak by 2029, extending to Liverpool Street and Ipswich by 2033.
- 2.3.28 To accommodate future services, the Great Eastern Mainline Study (2019) considered the most efficient changes to existing infrastructure that may be required to achieve the expected long-term outputs. Recommendations most relevant to the section running through Basildon Borough are as follows:
- ‘Bow Junction remodelling’ - remodelling of junction to provide greater use of lines for long distance trains, this scheme could provide a significant increase in capacity for services between London Liverpool Street and Shenfield.
 - ‘Shenfield - Colchester Headway reduction accompanied by 3 or 4 tracking solution from Chelmsford – Shenfield’ – additional tracks and reductions in headways between Shenfield and Colchester, the provision of headway improvements also provides an opportunity for increased capacity before more expensive schemes, such as additional tracks, are needed.
- 2.3.29 The Essex Thameside Study (2020) notes that passenger numbers have been increasing on the Essex Thameside corridor over the last decade. The study found that between 2011 and 2018, total daily numbers of passengers arriving at London Fenchurch Street in the three-hour morning peak (07:00-09:59) increased by almost 7%, suggesting an increase in the number of commuters from Essex to central London jobs. Prior to the Covid-19 pandemic crowding on trains in Basildon was high with morning peak times to London between Pitsea and Basildon stations having between 85-100% seats occupied and between Basildon and Laindon with up to one passenger per square meter on average standing.
- 2.3.30 The Essex Thameside Study (2020) assessed the impact of expected passenger demand over the next 30 years on rail services. It found that with no capacity interventions other than the planned introduction of 10-car trains in 2021, average levels of crowding are set to increase at the London end of the corridor. Passengers are expected to be standing from as far as

Chafford Hundred and Basildon by 2035, with crowding density gradually increasing. At the critical load point, existing crowding will become more severe.

2.3.31 As such, to accommodate future capacity needs the Essex Thameside Study (2020) outlined interventions required to provide sufficient capacity. Interventions most relevant to the section of railway through Basildon Borough are as follows:

- Signalling enhancement-led programme - a signalling headway improvement between Upminster and Barking to provide sufficient capacity until the mid-2030s. Beyond 2035, further growth requires additional capacity on the Main Line which runs through Basildon Borough.

2.3.32 Lead agencies:

- Network Rail (NR)
- Greater Anglia
- C2c
- Essex County Council

2.3.33 Evidence base:

- Essex Thameside Study: Railway investment choices (Network Rail, 2020)
- Great Eastern Main Line Study (Network Rail, 2019)
- Local Transport Plan (ECC, 2011)
- Transport East Regional Evidence Base (Transport East, 2019)
- Local Cycling and Walking Infrastructure Plan Plus, WSP, June 2021

c) Delivering growth allocated in the Local Plan

2.3.34 Through the production of the Local Plan the lead agencies have not expressed a need for development contributions to support rail infrastructure improvements. No rail infrastructure needs, and associated financial contributions, have therefore been directly attributed to Local Plan site allocations.

2.3.35 ECC will however seek contributions, where appropriate, to support sustainable access and interchange facilities for residents using the rail stations. This will be associated with projects included within the LCWIP+.

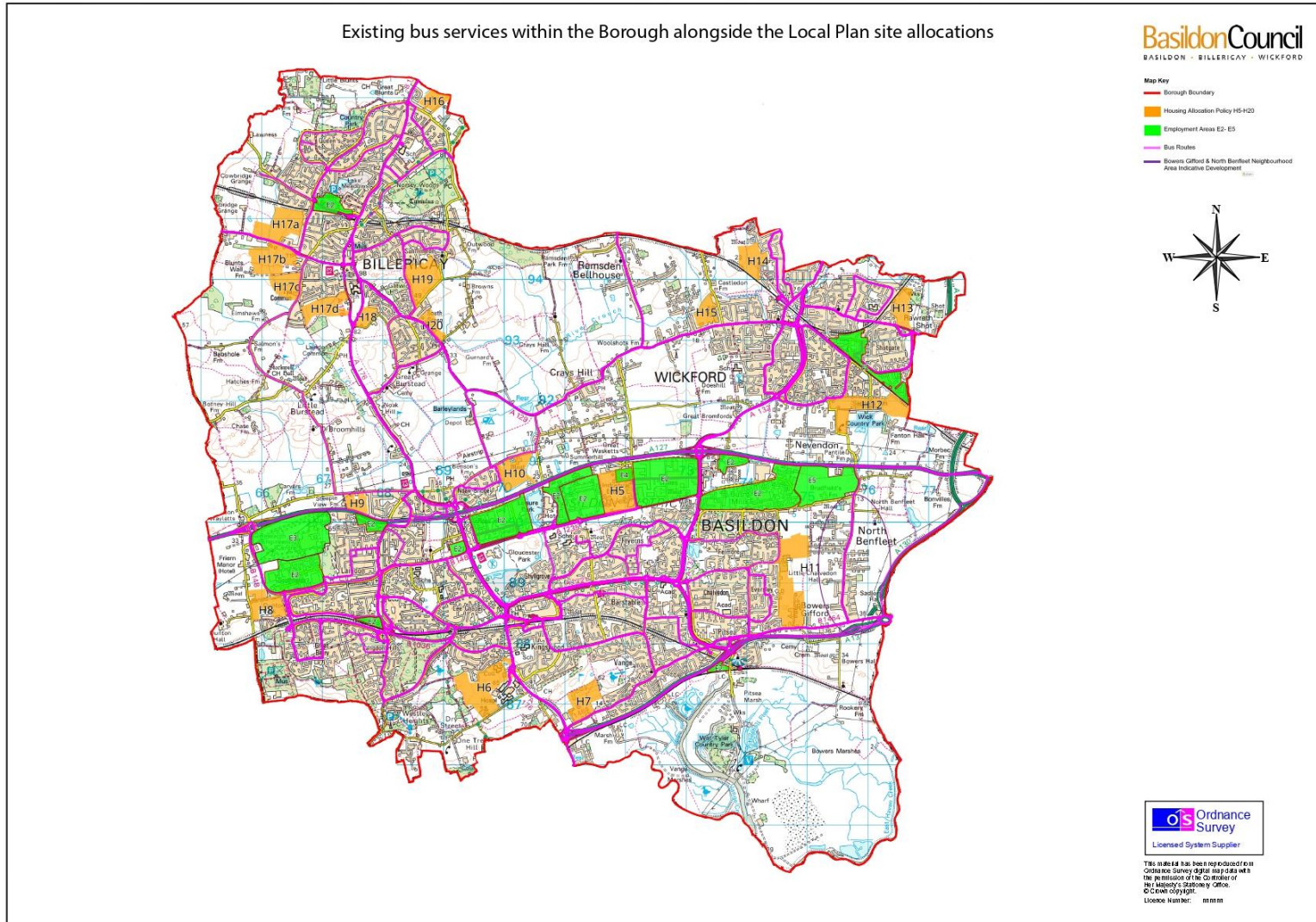
Bus

a) Context and existing provision

- 2.3.36 The bus network in Basildon is overseen by ECC. In Essex around 85 per cent of the bus network is provided commercially. The bus service provision in Basildon is largely operated by private companies that rely on patronage to pay for the services provided. Therefore, less used routes may be subject to withdrawal. There are a limited number of subsidised services operating in Basildon Borough.
- 2.3.37 Services in Basildon are operated by a range of providers, including:
- First Essex Ltd
 - Stephenson's of Essex Ltd
 - NIBS Buses Ltd
 - Ensignbus
- 2.3.38 Figure 2.5 presents the existing bus network in Basildon Borough. It should however be noted that the map does not provide details on the frequency of services, which may in some cases only run during specific hours of the day e.g. peak times, or for schools.
- 2.3.39 The ECC Bus Service Improvement Plan 2021 to 2026³⁴ (BSIP) support the aims and objective of Bus Back Better, the Government's national bus strategy published in March 2021. The Plan identifies that there has been £575,000 of investment in bus infrastructure in the Borough since 2017. The BSIP is proposing transformational change for public transport provision in Basildon Borough through the Basildon Volt project, which seeks to establish a zero-carbon fleet of buses for the area, and the introduction of wide scale bus priority measures to improve reliability, reduce journey times, offer better service and modal integration through hub development, and improve roadside infrastructure. It is proposed that operators would invest savings from reduced journey times and reliability to improve the age, quality and comfort of their fleets, improve frequencies and times of operation, and offer better value fares.

³⁴ Bus Service Improvement Plan 2021 to 2026, ECC, 2021

Figure 2.5 Current bus network in Basildon Borough



b) Current infrastructure needs in the area

- 2.3.40 During the Covid-19 pandemic there has been a reduction in the use of public transport. While this is expected to be a short term impact, the long term impacts upon peoples travel and movement choices following the pandemic, and the associated impacts upon the demand for public transport services, remains uncertain at this time.
- 2.3.41 The Local Transport Plan (2011) notes that connectivity between Essex centres by public transport is variable across the county, particularly for journeys between major centres. Additionally, the implications of highways congestion outlined above has a direct impact on the reliability and punctuality of buses.
- 2.3.42 ECC's approach to improving local bus services, as outlined in the Local Transport Plan, includes:
- Agreeing joint commitments between the Council and bus operators to improve the quality of bus services on poorly performing routes;
 - Working in partnership with operators to improve the punctuality of buses on routes, corridors or areas where there are particular issues, including the use of cost-effective bus priority measures (where necessary and practicable) to improve the reliability and punctuality of services;
 - Ensuring that accurate, consistent and up-to-date information is available on local services through a range of media (including Real Time Passenger Information) and in a manner in which it can be clearly understood by all.
- 2.3.43 The BSIP priority is to return the network to pre-Covid-19 levels of service and patronage, and focusing on issues most important to bus passengers, reliability, passenger recovery, and customer satisfaction.
- 2.3.44 Lead agencies:
- Essex County Council
 - First Essex Ltd
 - Stephenson's of Essex Ltd
 - NIBS Buses Ltd
 - Ensignbus
- 2.3.45 Evidence base:
- Getting Around in Essex: a Bus and Passenger Transport Strategy (ECC, 2015)
 - Local Transport Plan (ECC, 2011)
 - Part 2 – Transport and Highway Impact Assessment, Ringway Jacobs / ECC, March 2018 (referred to as Part 2 THIA and THIA 2018)
 - Transport East Regional Evidence Base (Transport East, 2019)
 - Assessing Implications of Mode Shift on Junction Capacity, Technical Note, Ringway Jacobs, Essex County Council, 2020
 - Sensitivity Test Modelling, Essex Highways, November 2021
 - Bus Back Better, National Bus Strategy, DfT, 2021

- Bus Service Improvement Plan 2021 to 2026, ECC, 2021

c) Delivering growth allocated in the Local Plan

- 2.3.46 Growth proposed in the Local Plan will be likely to increase car ownership and usage, which could in turn increase congestion in Basildon Borough. Enhancements to the existing bus services and re-routing to serve Local Plan site allocations is required to help accommodate a modal shift away from independent car usage.
- 2.3.47 Further transport and highway evidence documents prepared between October 2019 and April 2021 to support the Local Plan evidence base included a technical note *Assessing Implications of Mode Shift on Junction Capacity*³⁵. This document explores the potential impact of modal shifts away from private car trips to public transport, walking and cycling alternatives, looking at the effect on overall vehicle numbers modelled in Basildon, Wickford, and Billericay, and the subsequent impact on junction capacity. Analysis found that further improvements made to public transport accessibility in Basildon Borough may be expected to encourage a broader scope of modal shifts away from private car use amongst both Local Plan development trips and background traffic flows. Therefore, investment in services and infrastructure to encourage modal shifts are noted to play an important role in ensuring that worse-case scenario modelled delays and Ratio of Flow to Capacity values are not realised. Such schemes should be prioritised within Local Plan mitigation, although they do not diminish the need for highway infrastructure improvements as set out in the Part 2 THIA.
- 2.3.48 The methodology for the THIA assumed a degree of modal shift³⁶ to sustainable and active modes of travel over the period of the Local Plan, and consequently did not seek to make highway improvements to junctions operating at up to 15% over capacity in the peak hours. This means that sustainable transport measures (such as bus improvements) need to be delivered alongside the Local Plan growth to ensure traffic conditions do not become severe.
- 2.3.49 ECC has outlined that levels of development in the region of 400-600 dwellings would be appropriate for the provision of a new bus service, and a number of closely situated sites when combined may also require a new route. The Local Plan transport evidence base proposes the following specific new or diverted bus routes to be delivered alongside Local Plan growth to improve accessibility to the bus network:
- Billericay west – A new or diverted bus route via Tye Common Road / Frithwood Lane, Billericay, and along the new Billericay western link road through sites H17b, c, and d. Bus route 9 (Basildon – Brentwood) and 256 (Basildon – Billericay) both currently operate within the vicinity of Tye Common Road. To ensure that new residents can access Billericay town centre and rail station, as well as Basildon and Brentwood via public transport the service could either be a new route or a diversion or connection into existing inter-town services.

³⁵ *Assessing Implications of Mode Shift on Junction Capacity*, Technical Note, Ringway Jacobs, Essex County Council, 2020

³⁶ Modal shift refers to a change in transport habits whereby users start using one mode of transport less, in favour of another (for example, a modal shift away from cars to cycles).

- Wickford south – Site H13 is located close to existing bus routes on Cranfield Park Road / Salcott Crescent, however the shape of the site will result in the majority of residents not being located within walking distance to existing bus services. Anticipated movement patterns and the size of site H13 have resulted in the THIA concluding that site H13 should be supported by a new or diverted bus route.
- Basildon west – Site H8 will be located close to existing bus routes, it is therefore proposed that a diversion to an existing route is created to accommodate the needs from site H8, connecting future residents with Laindon, Basildon and other key employment areas within the Borough.
- Basildon south east – New and/or diverted services to accommodate needs from sites H11 and H7.

2.3.50 While these recommendations are presented in the Local Plan transport evidence base, ECC has a preference towards the provision of new routes rather than diverted existing routes, in order to protect the quality of services to existing residents. The provision of new or re-routed services will need to ensure wider improvements to the overall network. ECC has provided recommendations on improvements to the bus network in the Borough which would support the increased needs arising from growth allocated in the Local Plan, and support an increased modal shift towards public transport use as proposed within the Assessing Implications of Mode Shift on Junction Capacity technical note. The potential improvements to the bus network identified by ECC are listed within Table 2.9.

Table 2.9 Potential improvements to the bus network to support growth allocated in the Local Plan

Site ref	Existing provision of bus routes	Potential bus infrastructure improvement projects	Estimated cost(1)
H5*+	94, 94B (First Buses)	Increased frequency	£1,125,000
E4*		Extended hours Provision of bus shelters / up graded and additional stops Provision of highway infrastructure / bus priority measures	£1,125,000
H6+	11, 21, 374, Z4	New bus service to Dry Street Bus lane contributions on Nethermayne	£2,000,000
H7	21 (NIBS Buses)	Increased frequency Rerouting of bus through site H7b Provision of bus shelters/ up graded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service in south Basildon	£1,695,000
H8	8 & 8A (First Buses)	Contribution towards new or diverted service Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	£1,225,000

Site ref	Existing provision of bus routes	Potential bus infrastructure improvement projects	Estimated cost(1)
H9	256 (NIBS Buses)	Increase frequency of route 256 Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	£655,000
H10	100, 100X & 10 (First Buses)	Upgraded and additional stops Provision of highway infrastructure / bus priority measures Increase frequency of route 10 (in conjunction with other sites).	£1,105,000
H11*	5, 22 & 28 (First Buses), 21, 51 (NIBS Buses)	Crossing to improve access on London Road and Tyefields Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service in south east Basildon	£500,000
SD3a*			£1,500,000
H12	94, 94B, 13, 13A, 14 (First Buses), 2 (NIBS)	Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Possible contribution towards new service	£3,200,000
H13	10, 25, 94B (First Buses), school services operated by NIBS Buses servicing Beauchamps School	New or diverted route Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	£900,000
H14	10, 13, 13A and 14 (First Buses)	Extended service on route 13/4 to link to Basildon (with other sites). Increased frequency on route 10 (alongside other sites) Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	£1,100,000
H15	12 (Stephensons of Essex), School services operated by NIBS/First	Increase frequency on route 12 Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	£800,000
H16	100, 100X (First Buses)	Provision of bus shelters / upgraded and additional stops Bus frequency improvements Provision of highway infrastructure / bus priority	£930,000

Site ref	Existing provision of bus routes	Potential bus infrastructure improvement projects	Estimated cost(1)
		measures Crossing on Stock Road to improve access	
H17a**	256 (NIBS Buses)	New or diverted bus route	£1,429,412
H17b**		Increase frequency and rerouting of route 256 and 12	£767,647
H17c**		Provision of bus shelters / upgraded and additional stops	£926,471
H17d**			£1,376,471
H18	12	Rerouting of service 12 to provide access to site H18 and the south eastern extent of H17. Increase frequency of route 12 pooled with other sites Provision of bus shelters / upgraded and additional stops	£540,000
H19	9 (First Buses)	Provision of bus shelters / upgraded and additional stops Improvements to operating times of bus route 9 Provision of highway infrastructure / bus priority measures Crossing improvement on Greens Farm Lane	£1,100,000
H20	12 (Stephensons of Essex)	Crossing improvements to improve access Increase frequency of route 12 pooled with other sites Provision of bus shelters / upgraded and additional stops	£760,000
H21a		TBC - No improvements identified to date	
H21b			
H21c			
H22	10 (First Buses), 12 (Stephensons of Essex)	Increase frequency of route 10 (in conjunction with other sites) Provision of bus shelters / upgraded and additional stops	£125,000
E5		Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service	£1,150,000
SD3b	10 (First Buses)	Increase frequency of route 10 (in conjunction with other sites) Provision of bus shelters / upgraded and additional stops	£125,000
R2	2, 3, 10, 12, 13, 13A, 14, 16, 25, 44, 46, 94, 94a, 94b, 220, 251, X10	Additional and improved bus stops New bus gate	TBC
R5		TBC	TBC
Other projects			

Site ref	Existing provision of bus routes	Potential bus infrastructure improvement projects	Estimated cost(1)
Other employment in the A127 Enterprise Corridor (East of Upper Mayne)	94 & 94B (First Buses)	Increased frequency Extended hours Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Crossings to improve access	TBC
Ford Dunton	8 & 8A (First Buses)	Contribution towards new service Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	TBC
Total			£26,160,000

<p>Notes</p> <p>(1) Estimated costs have been provided by ECC based on similar example improvement schemes. Actual schemes and costs will be determined at planning application stage</p> <p>* Estimated costs shared between the allocations, based on the proportion of dwellings on the site related to the total number of dwellings. Calculation = site allocation dwellings total of all associated site / total number of dwellings in the contributing site</p> <p>** Total costs identified for H17 is £4.5m. Estimated costs proportionally distributed between the four H17 sites based on dwelling numbers</p> <p>+ This table presents a proposed approach to providing infrastructure contributions prior to any planning approvals on the allocated sites. Sites H5 and H6 have planning approval with agreed S106 contributions. The contributions allocated to sites H5 and H6 will not therefore be provided as indicated within the table. An alternative approach to delivering infrastructure projects associated with sites with extant planning permission is considered within the IDP Implementation and Delivery chapter.</p>

2.3.51 The Local Plan transport evidence base also identified that projects linked to Local Plan site allocations alone are unlikely to drive the modal shift that is truly needed on the Basildon road network to drive both congestion relief and environmental improvements. To drive real shift from use of the private car to use of buses, as a form of sustainable travel, measures which make bus services more attractive to use are required, to entice residents and employees to use them. Such measures related to bus provision include:

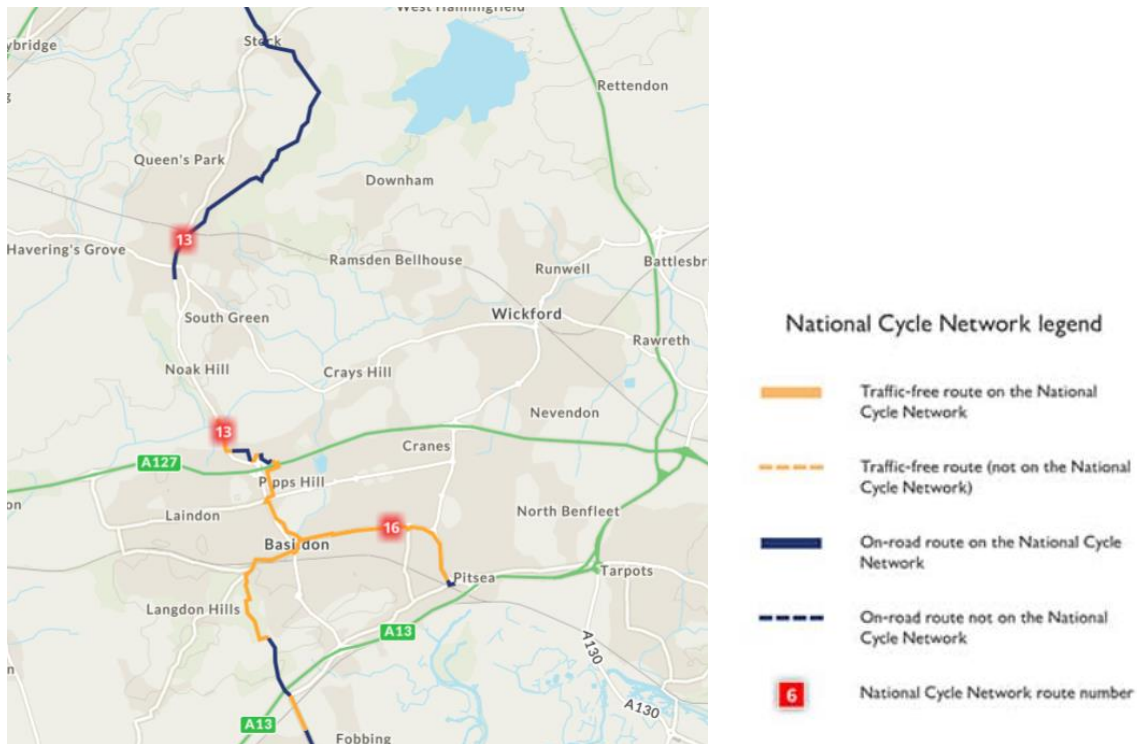
- Improved frequencies;
- Improved network;
- Improved reliability through prioritisation and segregation on the network e.g. bus lanes, bus gates, and prioritisation at junctions;
- Improved passenger transport interchanges;
- Evening, night-time and weekend services;
- Improved bus waiting facilities;
- Improved and safe access to bus waiting facilities;
- Real-time information;
- Multi-modal and multi-operator ticketing; and
- Promotional offers to new residents or other offers.

Active Travel

a) Context and existing provision

- 2.3.52 Active travel refers to the use of walking or cycling for the purpose of travel, rather than solely for recreation or fitness. Active travel not only benefits physical and mental health, but it also helps to reduce emissions and congestion on highways.
- 2.3.53 Approximately 4.3% of journeys to work in Basildon are made by bicycle and 21.4% of journeys are undertaken by foot. This compares relatively poorly to other urban centres in Essex, such as Chelmsford and Colchester. The Local Transport Plan (2011) notes that only a quarter of those in Basildon who live within 3 miles (5km) of their workplace either walk or cycle to work which is below the national average.
- 2.3.54 In terms of cycling infrastructure, the Basildon Borough Cycling Action Plan (CAP, 2017) outlines the following existing cycling infrastructure in Basildon's key towns:
- Billericay: very little cycling infrastructure, some very short sections of shared footway alongside new housing estates.
 - Wickford: more substantial provision with some shared footways, some 'traffic free' paths through residential areas, a number of Toucan crossings.
 - Basildon: relatively dense network of cycling provision, much of which is substandard with limited priority and protection for cyclists at junctions and crossings. Cycle parking is limited.
- 2.3.55 Additionally, the Sustrans National Cycle Network routes 13 and 16 pass through the Borough and offer north to south cycle route links as indicated in Figure 2.6.

Figure 2.6 Sustrans National Cycle Network route map



2.3.56 In relation to walking, ECC published an updated Essex Walking Strategy (2021) to help encourage walking as the preferred choice for short trips or as part of longer journeys in Essex. In Essex in 2014, 58% of people took the recommended minimum amount of weekly physical activity – 2.5 hours. At least 33% of females were active once a week, compared to 38% of males. In 2017, the Active Lives Survey found that 27% of people in Essex were physically inactive, with this lack of activity costing the NHS in Essex an estimated £58m per year. The aim of the Essex Walking Strategy (2021) is to help re-establish walking as the first choice for everyday travel wherever appropriate, while accommodating and even enhancing local plans for growth. The Essex Walking Strategy (2021) notes in the proposed action plan that a walking networks refresh is required in Basildon.

b) Current infrastructure needs in the area

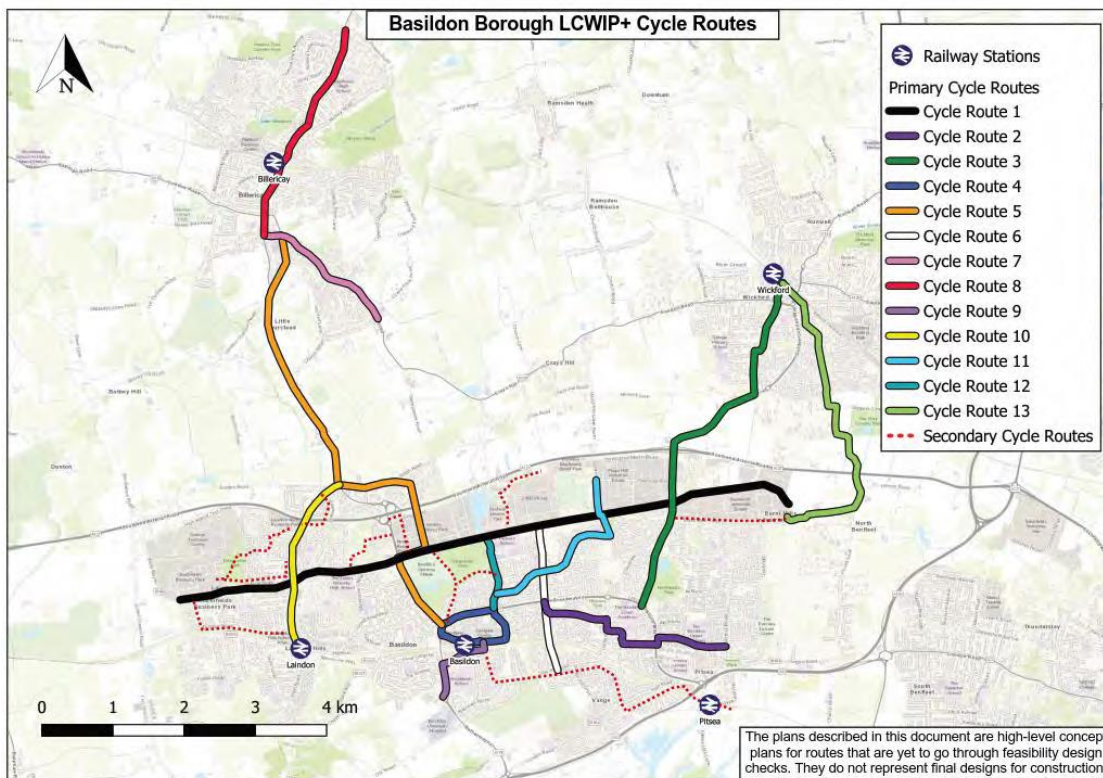
2.3.57 The Basildon Borough Cycling Action Plan notes that significant improvements to both on road and off-road cycle infrastructure across the Borough is required. Improvements are outlined to include signed routes (with journey times and surface markings), networks of interconnected cycle routes on quiet residential streets, filtered permeability (e.g. convenient cut-throughs and contraflows) and, where appropriate, 2nd generation cycling infrastructure, such as Dutch, Danish or light segregation.

2.3.58 ECC have recently published the Local Cycling and Walking Infrastructure Plan Proposals for Basildon, Braintree, Chelmsford & Colchester (LCWIP, 2021) which includes key proposals to develop local cycling and walking networks in Basildon, Braintree, Chelmsford and Colchester. The networks are part of the Local Cycling and Walking Infrastructure Plans

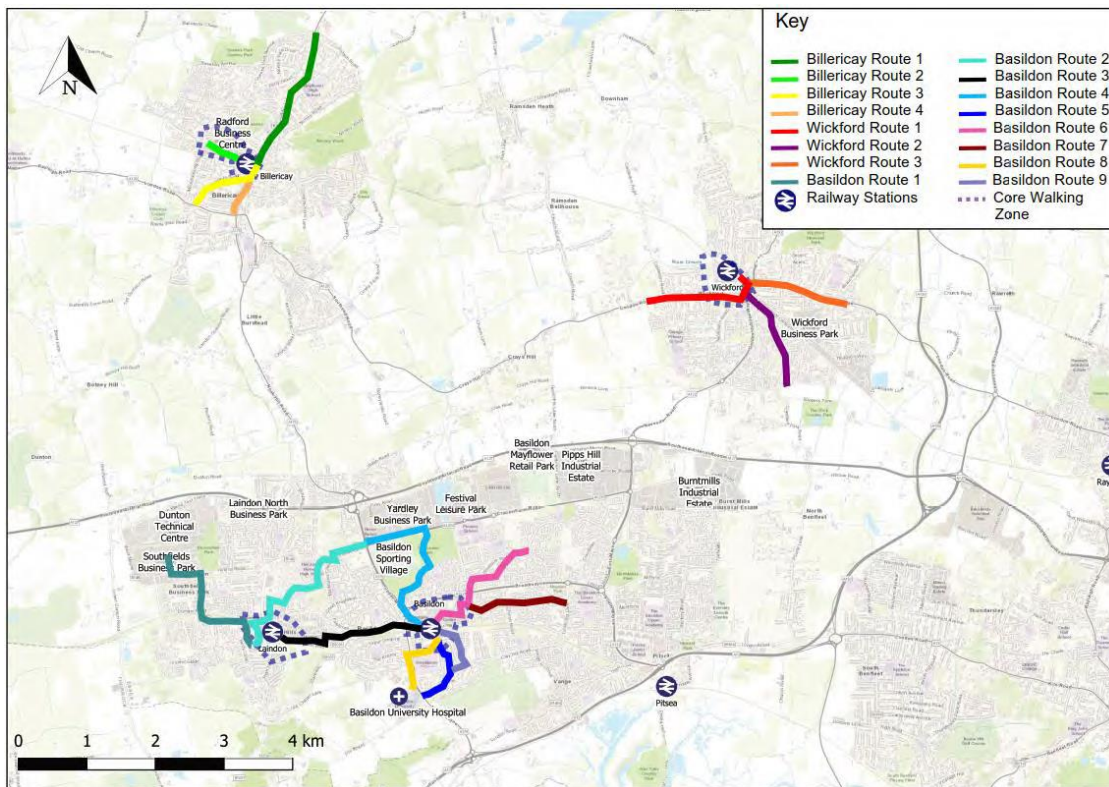
(LCWIPs) which are intended as a process and framework to determine demand for active travel trips and to identify and plan walking and cycling routes and networks. Figure 2.7 presents the proposed new walking and cycling routes for Basildon Borough identified within the LCWIP+. The specific projects identified are listed within the Infrastructure Schedule in Section 4.

Figure 2.7 Proposed new walking and cycling routes identified within the Local Cycling and Walking Infrastructure Plan (a) and the Local Cycling and Walking Infrastructure Plan Plus (b)

(a) Local Cycling and Walking Infrastructure Plan Plus proposals – Cycle Routes



(b) Local Cycling and Walking Infrastructure Plan Plus proposals – Walking Routes



2.3.59 The Local Cycling and Walking Infrastructure Plan Plus (LCWIP+)³⁷ was produced to go beyond the LCWIP to consider how improvements to the active travel network in the area could be identified alongside public transport and multi-modal³⁸ analysis. The key outputs of the LCWIP+ were:

- A cycling network map with a programme of cycle infrastructure improvements;
- A walking network map with a programme of walking infrastructure improvements;
- A prioritised list of cycling and walking proposals for future investment;
- Analysis showing the potential for multi-modal trips in the Borough

2.3.60 The LCWIP+ presented 13 cycle route improvements totalling around £40.9m, and 16 walking route improvements totalling £2.8m, which could be provided to improve the active travel network throughout the Borough, encourage modal shift, and encourage the use of multi-modal trips. Figure 2.7 presents the proposed new walking and cycling routes for Basildon Borough identified within the LCWIP+. The specific projects identified are listed within the Infrastructure Schedule in Section 4.

2.3.61 The LCWIP+ took into account existing active transport needs in the area alongside growth allocated in the Local Plan, when identifying potential improvement projects. Therefore, further detailed analysis of potential growth impacts and needs is required to clearly

³⁷ Local Cycling and Walking Infrastructure Plan Plus, WSP, June 2021

³⁸ Multi-modal trips refers to journey types consisting of more than one mode of transport, for example walk-bus-walk or cycle-train-walk.

establish projects which are directly related to Local Plan site allocations in order to recommend developer contributions. The delivery of these projects will therefore be reliant on further analysis which can support the identification of developer contributions associated with Local Plan site allocations, alongside seeking external transport funding through sources such as the LEP, ECC, and / or government capital grants and funding competitions such as the Active Travel Fund.

2.3.62 The ECC Sustainable Modes of Travel Strategy (2021) notes that the effects of COVID-19 have also presented new opportunities, with additional funding becoming available under the Active Travel Fund (ATF). ECC has worked collaboratively with local District Planning Teams to deliver and implement enhanced semi-permanent walking and cycling infrastructure to encourage modal shift to active travel modes and help people adhere to social distancing guidelines. DfT funding was received for walking and cycling schemes for five towns in Essex, including Wickford. The measures implemented in Wickford form the basis of enhanced active travel networks and deliver the first component of the LCWIP for the Borough.

2.3.63 Lead agencies:

- Essex County Council
- Sustrans

2.3.64 Evidence base:

- Local Transport Plan, ECC, 2011
- Basildon Borough Cycling Action Plan, ECC, 2017
- Essex Walking Strategy, ECC, 2021
- Essex Cycling Strategy, ECC, 2016
- Essex County Council Sustainable Modes of Travel Strategy, ECC, 2021
- Local Cycling and Walking Infrastructure Plan Proposals for Basildon, Braintree, Chelmsford & Colchester, ECC, 2021
- Local Cycling and Walking Infrastructure Plan Plus, WSP, June 2021

c) Delivering growth allocated in the Local Plan

2.3.65 The CAP outlines that to remove barriers to cycling and provide suitable infrastructure, it is essential that all new developments in the Borough have good quality, cycle friendly routes to key services, railway stations and areas of employment. As such, all potential developments associated with the Basildon Local Plan should contribute towards creating a wider network of cycle-friendly routes with provision along key corridors and desire lines. The CAP identifies 54 cycle network schemes throughout the towns of Basildon, Billericay, and Wickford which would support the expansion and improvement of the cycle network in the Borough to support growth and encourage more people to use cycling as a key regular means of transport.

2.3.66 Additionally, further transport and highway evidence documents prepared between October 2019 and April 2021 to support the Local Plan evidence base included a technical note: 'Assessing Implications of Mode Shift on Junction Capacity'. This document explored the

potential impact of modal shifts away from private car trips to public transport, walking and cycling alternatives, looking at the effect on overall vehicle numbers modelled in Basildon, Wickford and Billericay and the subsequent impact on junction capacity. Analysis found that further improvements made to public transport accessibility in Basildon Borough may be expected to encourage a broader scope of modal shifts away from private car use amongst both Local Plan development trips and background traffic flows. Therefore, investment in services and infrastructure to encourage modal shifts are noted to play an important role in ensuring that worse-case scenario modelled delays and Ratio of Flow to Capacity values are not realised. Such schemes should be prioritised within Local Plan mitigation, although they do not diminish the need for highway infrastructure improvements identified within the Part 2 THIA and associated documents.

2.3.67 Using recommendations within the CAP, ECC have reviewed the potential cycle network infrastructure improvements which could be provided to support increased demands on the transport network arising from the Local Plan site allocations.

2.3.68 Table 2.10 outlines the proposed schemes associated with each site allocation, and the infrastructure contributions which would be required from each site to support the delivery of the scheme.

Table 2.10 Potential cycle network infrastructure improvements to support growth allocated in the Local Plan

Site ref	Potential project (2)	Estimated project costs (1)	Source	Estimated costs per site (3)
H5+	Improve/upgrade existing off-road cycle routes along Cranes Farm Road towards Basildon Town Centre	£1,053,026	FR2B, Air Quality Management Plan Outline Business Case April 2019 (AQMP OBC)	£1,153,026
	Provide route along Church Road N-S link between A1235 and A1321 (11 in CAP). Providing more direct route between site and Basildon Town Centre.	£100,000	Costed as L (up to £100k) in CAP, project no.11	
H6+	No projects identified to date			
H7	Provision of an off-road cycle route along London Road from Nether Mayne roundabout to start of identified flagship route 1 (CAP).	£1,000,000	CAP project no.9	£1,000,000
H8	Connect site to existing off-road network at Mandeville Way.	£50,000	ECC proposal	£50,000

Site ref	Potential project (2)	Estimated project costs (1)	Source	Estimated costs per site (3)
H9	Connect site to existing off-road network on A176.	£50,000	ECC proposal	£378,808
	Contribution towards AQMP OBC project FR1A	£328,808	FR1A, AQMP OBC Apr 19	
H10	Connect site to existing off-road network starting at Coppice Lane, Noak Bridge.	£50,000	ECC proposal	£378,808
	Contribution towards AQMP OBC project FR1A	£328,808	FR1A, AQMP OBC Apr 19	
H11	On-road route along Tyefields and signed quietway along Trenham Avenue, linking existing NCN 16 with potential development site	£100,000	CAP, project no.19	£100,000
H12	New cycle route linking site in SE Wickford to Wickford Business Park (12 in CAP)	£500,000	CAP, project no.12	£550,000
	Connect site to existing network at junction Cranfield Park Rd and Salcott Cres.	£50,000	ECC proposal	
H13	Contribute to new off-road cycle route linking site with Wickford Town Centre along Southend Rd A129. No existing network nearby.	£1,000,000	CAP, project no.8	£1,000,000
H14	Connect site to Wickford Railway Station and Town Centre . Close to potential N-S route along Swan Lane to Station Avenue	£100,000	CAP, project no.7	£100,000
H15	Contribute to new off-road cycle route E-W along London Road from site towards Wickford TC	£100,000	CAP, project no.1	£100,000
H16	Connect site to existing National Cycle Route.	£50,000	ECC proposal	£150,000
	New cycle from site to Billericay Town Centre via Stock Rd or Potash Rd then Norsey Rd.	£100,000	CAP, project no.5	
H17a	Cycle route from site to High Street, Billericay through provision of relevant parts of potential routes 7, 8 and 9 in CAP.	£1,600,000	CAP, project no.7, 8, 9 ECC proposal	£508,235
H17b				£272,941
H17c				£329,412
H17d				£489,412

Site ref	Potential project (2)	Estimated project costs (1)	Source	Estimated costs per site (3)
	New cycle route along Billericay western link road*			
H18	Cycle route from site to High Street, Billericay	£500,000	CAP, project no.9	£500,000
H19	No existing or potential routes identified nearby. Potential to provide cycle routes from north and south of site to extension to Mill Meadows (centre of site) for recreational purposes.	£50,000	ECC proposal	£50,000
H20	To be confirmed. No projects identified to date			
H21a	To be confirmed. No projects identified to date			
H21b	To be confirmed. No projects identified to date			
H21c	To be confirmed. No projects identified to date			
H22	To be confirmed. No projects identified to date			
SD3a	To be confirmed. No projects identified to date			
SD3b	To be confirmed. No projects identified to date			
R2**	On-road cycle route along Long Riding from Timberlog Lane to Southernhay. Potential to remove centre line, add bus and cycle-friendly traffic calming, and also treat junctions.	£100,000	CAP, project no.13	£100,000
R5	To be confirmed. No projects identified to date			
			Total	£7,110,642

Notes

(1) Estimated costs are based on estimates provided in existing evidence base documents. Actual schemes and costs will be determined at planning application stage

(3) Multiple project costs are combined when associated with one site. Where projects are associated with more than one site, total estimated project costs have been proportionally distributed between sites based on dwelling numbers

* Costs to be incorporated into new road

** The Council will be preparing a Basildon Town Centre Masterplan SPD as set out within Local Plan Policy R2 which will provide more detail on development within the town centre and the required infrastructure and associated costs.

Site ref	Potential project (2)	Estimated project costs (1)	Source	Estimated costs per site (3)
+ This table presents a proposed approach to providing infrastructure contributions prior to any planning approvals on the allocated sites. Sites H5 and H6 have planning approval with agreed S106 contributions. The contributions allocated to sites H5 and H6 will not therefore be provided as indicated within the table. An alternative approach to delivering infrastructure projects associated with sites with extant planning permission is considered within the IDP Implementation and Delivery chapter.				

2.3.69 The LCWIP+ presents a range of pedestrian and cycle infrastructure improvements which will support growth and increase sustainable and active travel in the Borough. The delivery of the identified projects may be supported through section 106 contributions from a number of sites allocated in the Local Plan, delivered in stages associated with the progression of the contributing sites, in addition to contributions from other relevant funding sources (see chapter 3 for further details). As outlined above, further detailed consideration will be required to determine how the identified projects will be delivered where, particularly in relation to cycle schemes, they cover large areas of the Borough. Relevant site allocations may therefore be required to contribute towards sections of an identified project which directly relate to the development. The Council will continue to work with ECC to determine an appropriate approach to delivering the projects presented within Table 2.11.

Table 2.11 Infrastructure projects listed within the Local Cycling and Walking Infrastructure Plan and the Local Cycling and Walking Infrastructure Plan Plus

Route improvement project	Location	Length (km)	Estimated cost(1)(2)	Source	Contributing sites
Cycle Route 1	Basildon East-West Link	9	£7,920,000	LCWIP+	TBC
Cycle Route 2	Basildon to Pitsea	3	£2,640,000	LCWIP+	TBC
Cycle Route 3	Wickford to Basildon	5.5	£4,840,000	LCWIP+	TBC
Cycle Route 4	Central Basildon Ring	2.2	£1,936,000	LCWIP+	TBC
Cycle Route 5	Billericay to Basildon	7.5	£6,600,000	LCWIP+	TBC
Cycle Route 6	Basildon North-South	2	£1,760,000	LCWIP+	TBC
Cycle Route 7	Southeast Billericay	2	£1,760,000	LCWIP+	TBC
Cycle Route 8	Billericay North-South	3.2	£2,816,000	LCWIP+	TBC
Cycle Route 9	Basildon Station to Basildon Hospital	1.2	£1,056,000	LCWIP+	TBC
Cycle Route 10	Laindon North-South	2.6	£2,288,000	LCWIP+	TBC
Cycle Route 11	Central Basildon to Gardiners Way	2.7	£2,376,000	LCWIP+	TBC
Cycle Route 12	Central Basildon to Festival Park	1	£880,000	LCWIP+	TBC
Cycle Route 13	Wickford to Burnt Mills Industrial Estate	4.6	£4,048,000	LCWIP+	TBC
Basildon Walking Route 1	Laindon North-Eastern Link	1.9	£247,000	LCWIP+	TBC
Basildon Walking Route 2	Laindon North-Western Link	2.8	£156,000	LCWIP+	TBC

Route improvement project	Location	Length (km)	Estimated cost(1)(2)	Source	Contributing sites
Basildon Walking Route 3	Laindon to Basildon Station	2.5	£208,000	LCWIP+	TBC
Basildon Walking Route 4	Basildon to Gloucester Park	2.1	£390,000	LCWIP+	TBC
Basildon Walking Route 5	Basildon to Basildon Hospital A	1.5	£182,000	LCWIP+	TBC
Basildon Walking Route 6	Basildon North-Western Link	2.1	£130,000	LCWIP+	TBC
Basildon Walking Route 7	Basildon Eastern Link	1.5	£78,000	LCWIP+	TBC
Basildon Walking Route 8	Basildon to Basildon Hospital B	1	£65,000	LCWIP+	TBC
Basildon Walking Route 9	Basildon Station Southern Link	1.1	£65,000	LCWIP+	TBC
Billericay Walking Route 1	Billericay Western Link	0.7	£279,500	LCWIP+	TBC
Billericay Walking Route 2	Billericay Southern Link	2.1	£299,000	LCWIP+	TBC
Billericay Walking Route 3	Billericay Northern Link	1.1	£65,000	LCWIP+	TBC
Billericay Walking Route 4	Billericay South-Western Link	0.8	£182,000	LCWIP+	TBC
Wickford Walking Route 1	Wickford Western Link	1.6	£260,000	LCWIP+	TBC
Wickford Walking Route 2 (see Cycle Route 13)	Wickford Southern Link	1.8		LCWIP+	TBC
Wickford Walking Route 3	Wickford Eastern Link	1.9	£240,500	LCWIP+	TBC
Total			£43,767,000		
Notes					
(1) Cost of cycle infrastructure projects is calculated at £880,000 per km					
(2) Cost of walking route infrastructure improvements calculated as £260,000 per km for footway widening, £65,000 for a pedestrian crossing					

Transport summary and next steps

- 2.3.70 This section has identified transport infrastructure contributions from sites allocated in the Local Plan towards highways, bus, and active travel related projects. The Infrastructure Schedule in Section 4 below brings together the contributions identified within this section, to summarise the total transport related infrastructure contributions proposed for sites allocated in the Local Plan.
- 2.3.71 The transport related evidence base supporting the Local Plan is wide ranging, including a large number of assessments which have been undertaken throughout the production of the Local Plan. Some evidence base documents, such as the LCWIP+, have identified transport

improvement projects which support both existing needs and future needs associated with growth allocated in the Local Plan. Such identified improvements projects should therefore be considered in more detail alongside the progression of allocations in the Local Plan to determine the appropriateness of seeking developer contributions to support the delivery of the identified projects, in accordance with Regulation 122 of the CIL Regulations³⁹ and the financial viability of the associated development.

- 2.3.72 Basildon Borough Council will continue to work closely with ECC, developers associated with sites allocated in the Plan, and other relevant stakeholders, to ensure that the information contained within the IDP is accurate in identifying appropriate types of transport projects to support proposed growth in the area, and to encourage the use of sustainable modes of transport.

³⁹ Community Infrastructure Levy Regulation 2010 (as amended)

2.4 Healthcare

a) Context and existing provision

- 2.4.1 Primary healthcare provides the first point of contact within the health system, which includes general practice (GPs), pharmacies, dental and optometry. This IDP does not include specific wider primary care service needs such as dentists, pharmacies, opticians, community health (health visiting, school nursing, midwifery, district nursing, etc). While demand for these services will be impacted by growth allocated in the Local Plan, the National Health Service (NHS) as the commissioners will assess the future need for additional services and facilities.

The NHS Long Term Plan

- 2.4.2 The NHS Long Term Plan (NHS LTP) published in January 2019 and the interim NHS People Plan published in June 2019 set out the policy context and guidance for the delivery of services over the next 10 Years.

- 2.4.3 The NHS Long Term Plan seeks to:

- Develop a new service model for the 21st Century. Including:
 - Boosting ‘out-of-hospital’ care and dissolving the historic divide between primary and community health services;
 - Reducing pressure on emergency hospital services;
 - Giving people more control over their own health and more personalised care when they need it;
 - Going mainstream with digitally enabled primary and outpatient care across the NHS;
 - Increasing the focus on population health – moving to Integrated Care Systems (ICS).
- Increase action on prevention and health inequalities (to include smoking, obesity, alcohol etc);
- Progress care quality and outcomes by improving:
 - Maternity and Neonatal services;
 - Children and Young People’s mental health services;
 - Learning Disability and Autism services;

- Children and Young People with Cancer services;
- Children and Young people’s health services.
- Provide better care for major health conditions (e.g., cancer, cardiovascular disease, stroke care, diabetes, respiratory disease, adult mental health services) including:
 - Short waits for planned care
 - Research and innovation to drive future outcomes improvement
- Supporting NHS staff through:
 - A comprehensive new workforce implementation plan;
 - Expanding the workforce;
 - International recruitment;
 - Enabling productive working.

Mid and South Essex

- 2.4.4 The Mid and South Essex Health and Care Partnership (HCP) supports the health and well-being of a community of 1.2 million people residing in the boroughs and districts of Basildon, Braintree, Brentwood, Castle Point, Chelmsford, Maldon, Rochford, Southend-on-Sea, and Thurrock.
- 2.4.5 The HCP has developed four place-based systems, Basildon and Brentwood; Mid Essex; South East Essex; and Thurrock; which involve multiple partners operating and serving populations of around 170,000 - 400,000 residents. These place-based systems provide a meaningful footprint within which to plan, design and deliver health and care services for and with the local community.
- 2.4.6 The HCP comprises of 17 partner organisations spanning a spectrum of health, local authority, community, and voluntary sector organisations.

Mid and South Essex Strategy and Delivery Plan

- 2.4.7 The HCP has developed a Strategy and Delivery Plan outlining the vision. There are four ambitions in place to deliver the vision:
- **Creating Opportunities:** for communities to thrive, good education, opportunities for employment, decent housing and a vibrant local economy is needed. The HCP represents some of the largest employers and purchasers of goods and services locally, so has an important role to play. By working together, the HCP can use these opportunities for the benefit of residents.

- **Supporting Health and Wellbeing:** by working in different ways and in closer partnership with communities, the HCP can take more preventative measures against poor health and mental illness.
- **Bringing care closer to home:** joining up different health, care and voluntary sector services means the HCP can bring services closer to people's homes through support on-line and health and care services into the community, such as some hospital outpatient appointments or diagnostic tests such as x-rays and blood tests.
- **Improving and Transforming Services:** The HCP want to make sure residents have the highest chances of recovery from their illness or condition. Demand for services is changing as people grow older and live with more long-term conditions and there is much more that the HCP could do with technology, medical advances and new ways of working to treat people at an earlier stage and avoid more serious illness.

Mid and South Essex primary care future plans

- 2.4.8 The structure of healthcare bodies in Mid and South Essex is changing. Separate clinical commissioning groups are coming together to form Integrated Care Board which will be part of an Integrated Care System with other health and social care partners.
- 2.4.9 The shape of health and care delivery in Mid and South Essex is also changing. As well as increasing capacity in all three hospitals in Mid and South Essex, the HCP is aiming to invest in and support GP practices to work together to provide joined up care, building activities in prevention, helping people at an earlier stage and avoiding serious illness. These priorities will require healthcare hubs that can host a wider range of health and care services including diagnostics and early intervention services; support a move to improved digital services and provide capacity for drop-in and wellbeing services. These will be established through a combination of refurbishment and/or extension of existing facilities; sharing of facilities; and new build projects.
- 2.4.10 Primary Care Networks (PCN's) have also been established. PCN's are groupings of local General Practices that are a mechanism for recruiting and sharing additional staff and collaborating, while maintaining the independence of individual practices.
- 2.4.11 It is intended that new roles, including pharmacists, physiotherapists, and paramedics, will become an integral part of the core general practice model throughout England. The networks will 'enable greater provision of proactive, personalised, coordinated and more integrated health and social care'.

Mid and South Essex clinical reconfiguration of acute services in Mid and South Essex

- 2.4.12 The acute reconfiguration plans for Mid and South Essex were the subject of a successful bid for £118m of investment, which will assist the estate transformation required to facilitate the new model of acute care. This model will deliver significantly improved quality and

sustainability of acute services in Mid and South Essex including improvements to Emergency Departments (ED) at all three hospitals in Southend, Basildon, and Chelmsford, with the development of new urgent treatment centres alongside each ED; consolidation of specialist services to enable extended hours and seven-day consultant cover including for vascular surgery; and separation of elective and emergency surgical activity. This improves access for patients on both pathways, reduces the rate of cancellations and minimises the risk of cross infections.

East of England Ambulance Service Estates Strategy

- 2.4.13 The East of England Ambulance Service NHS Trust (EEAST) Estates Strategy (2020-2025) summary position is to provide cost effective and efficient premises of the right size, location, and condition to support the delivery of clinical care to the community served by the Trust.
- 2.4.14 Addressing these changes requires the Trust to develop revised operating models and strategies for all aspects of its services, including operational support services such as the Estates Service. A key component of this process has been to establish the Trust's future Operating Model and to commence planning for the resulting transformation of support services. Expansion to the existing Make Ready Hub and Spoke network will be required to meet the growing demographics.
- 2.4.15 Each Hub will have a network of Spokes termed Ambulance Station Response Posts (ASRP), tailored to meet service delivery and patient response specific to their local area. The spoke network is determined by the local population health care needs through patient flow modelling and subsequently EEAST staffing requirements. The aim is to create demand-centric and agile spokes which are adapted to activity requirements as these change over time. Spokes can be made up of:
- Ambulance Station Reporting Base - 24/7 permanent reporting base for staff and primary response location for one or more vehicles.
 - Ambulance Station Response Post - primary response location which includes staff facilities.
 - Standby Location - set in strategic locations where crews are placed to reach patients quickly. Facilities used by staff are provided by external organisations to EEAST.

Public Health

- 2.4.16 Public health services are commissioned by ECC who work in partnership with the respective local authorities. These services are primarily focused on prevention and early intervention, specifically developing measures that help to reduce illness and to tackle the causes of poor health at the source. This includes initiatives to increase physical activity and healthy living, such as cycling and walking, as well as the provision of green space within developments.

b) Current infrastructure needs in the area

2.4.17 There are currently 660 beds at Basildon Hospital and the site is seeing a 5% inpatient admission growth demand at present. A growth in demand of 20% is currently being experienced in the emergence department (ED) at Basildon Hospital. The physical infrastructure of the ED cannot accommodate the current level of demand which is on average 530 patients per day, as it was designed to accommodate half of that capacity.

Table 2.12 GP provision in Basildon Borough

GP Practice	Weighted Average patient list size (1) (5)	NIA (m²)⁽²⁾	Capacity needed for list size ⁽³⁾	Spare capacity (NIA m²)⁽⁴⁾
Clayhill Medical Practice	6,274	177	430.2	-253.2
The Western Road Surgery	11,141	216.5	763.9	-547.4
Dr Gc Chajed's Practice	9225	373.4	632.6	-259.2
Dr Wj Deguns And Dr Oo Macaulay Practice	6930	344.8	475.2	-130.4
Dr M Aslam's Practice	7669	447.6	525.9	-78.3
Robert Frew Medical Centre	16906	533.3	1,159.3	-626
London Road Surgery	13107	Missing from spreadsheet	898.8	
Dr N Dabas's Practice	3180	288.0	218.1	69.9
Aegis Medical Centre	5334	215.8	365.8	-150
The Billericay Medical Practice	11053	326.0	757.9	-431.9
Chapel Street Surgery	5135	138.0	352.1	-214.1
Laindon Medical Group	18376	511.0	1260.1	-749.1
Ballards Walk Surgery	11488	177.0	787.7	-610.7
Dr Nasah and Partners	4047	211.2	277.5	-66.3
Northlands Surgery	7008	173.0	480.5	-307.5
Queens Park Surgery	4435	103.3	304.1	-200.8
Aryan Medical Centre	4351	124.0	298.4	-174.4
Dr Mk Kamdar and Partner	4453	620.3	305.3	315
South Green Surgery	3042	186.0	208.6	-32.6
Dr Sharma and Partners	3365	257.3	230.7	26.6
Fryerns Medical Centre	3531	195.0	242.1	-47.1
Knights Surgery	2517	67.0	172.6	-105.6

GP Practice	Weighted Average patient list size (1) (5)	NIA (m ²)(2)	Capacity needed for list size (3)	Spare capacity (NIA m ²)(4)
Matching Green Surgery	3655	141.1	250.6	-109.5
Swanwood Partnership	7000	143.6	480	-336.4
Dr MA Sims' Practice	12278	388.0	841.9	-453.9
Dr Jo Arayomi's Practice	2400	134.9	164.6	-29.7
Great Berry Surgery	12578	180.0	862.5	-682.5
Dr Aslam's Practice (Murree Medical Centre) branch of Dr Aslam	n/a			
Long Riding Surgery – branch of Felmores (shown as Northlands)	n/a			
Dr Raman Chandel – Laindon branch of Aryan	n/a			
<p>Notes</p> <p>(1) The weighted list size of the GP Practice based on the Carr-Hill formula; this figure more accurately reflects the need of a practice in terms of resource and space and may be slightly lower or higher than the actual patient list.</p> <p>(2) Current Net Internal Area occupied by the Practice</p> <p>(3) Based on 120m² per 1750 patients (this is considered the current optimal list size for a single GP within the Mid and South Essex STP). Space requirement aligned to DH guidance within “Health Building Note 11-01: facilities for Primary and Community Care Services”</p> <p>(4) Based on existing weighted list size</p> <p>(5) Weighted list sizes are not shown for surgeries that are branches of other practices</p> <p>(6) Information within the table provided through consultation with the NHS, January 2022.</p>				

2.4.18 Lead agencies:

- NHS England and NHS Improvement (NHSE)
- Basildon and Brentwood Clinical Commissioning Group
- Mid and South Essex Health and Care Partnership (HCP)
- Mid and South Essex NHS Foundation Trust
- North East London NHS Foundation Trust (NELFT)
- Essex Partnership University Trust (EPUT)
- Provide CIC (Provide)
- Basildon District Council
- Essex County Council

2.4.19 Evidence base:

- Operational Plan 2019/20, NHS Basildon and Brentwood Clinical Commissioning Group, May 2019

- Mid and South Essex Strategy and Delivery Plan, Mid and South Essex Health and Care Partnership, date unknown
- The NHS Long Term Plan, NHS, 2019

c) Delivering growth allocated in the Local Plan

- 2.4.20 This IDP currently only considers the needs for additional GP provision to support growth allocated in the Local Plan. Future needs for other types of healthcare infrastructure are difficult to predict without specific demographic details. However, as models of care change and more services are provided closer to where people live, with particular focus on prevention and wellbeing, mitigation for a wider range of services will be sought by the NHS.
- 2.4.21 The NHS calculates the potential increase in the number of new patients by using an average household size in line with current census data. For Basildon this is currently 2.4 people per dwelling.
- 2.4.22 The NHS will seek developer contributions to support the expansion of health and care infrastructure and measures to increase capacity to levels required to meet future demand from housing growth allocated within the Local Plan.
- 2.4.23 NHS procurement guidelines favour larger health facility formats or community care hubs, which are more cost effective and efficient to run and can accommodate a wider range of services, including out of hospital services. The NHS will therefore seek developer contributions to support the development of new community hubs where appropriate in the area (which may take the form of a single facility or several facilities), as well as contributions towards administrative facilities, and the reconfiguration, refurbishment, re-equipping, and expansion of existing health and care facilities. Greater workforce capacity and digital capability, will also be needed to support the services required for the growing population.
- 2.4.24 It is not possible to accurately determine the build cost or size of new health facilities required at this stage. This will depend on a large number of complex and inter-related factors that can only be resolved at a more advanced stage in the planning process. Table 2.13 presents an estimate of the likely healthcare contributions required from site allocations in the Local Plan for the purposes of forward planning and local plan viability testing. This is based on the Mid and South Essex HCP standard planning formula. The actual mitigation required to support planning applications on the allocated sites will be calculated in detail based on the specific needs of the HCP to support the proposed development at that time and in consideration with the overall Local Plan housing trajectory.

Table 2.13 Proposed healthcare infrastructure contributions required to support growth proposed in the Local Plan

Site Ref	Estimated amount of new patients ⁽¹⁾	Estimated healthcare contribution ⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾
H5+	1896	£390,123
H6+	1114	£229,136
H7	936	£192,593
H8	720	£148,148
H9	588	£120,988
H10	960	£197,531
H11	1104	£227,160
H12	2640	£543,210
H13	672	£138,272
H14	1200	£246,914
H15	720	£148,148
H16	612	£125,926
H17a	1296	£266,667
H17b	696	£143,210
H17c	840	£172,840
H17d	1248	£256,790
H18	480	£98,765
H19	960	£197,531
H20	456	£93,827
H21a	14	£2,963
H21b	48	£9,877
H21c	14	£2,963
H22	158	£32,593
SD3a	3240	£666,667
SD3b	89	£18,272
R2	7939	£1,633,580
R5	581	£119,506
Total	31,222	£6,424,198

Notes

(1) Based on average household size of 2.4 people per household

(2) Calculation based on 120m² per GP (with an optimal list size of 1750 patients) as aligned with DH guidance within 'Health Building Note 11-01: facilities for Primary and Community Care Services'. This provides a standard of 14.58 patients per square metre.

(3) The cost of providing a new healthcare facility is calculated using £3,000 per square metre. This is the NHS standard forward planning cost estimate used to provide an indication of the healthcare costs associated with each site for the purposes of forward planning and local plan viability testing. The NHS are currently reviewing these standards, which are therefore subject to change.

(4) Calculation = Estimated amount of new patients / the patients per metre standard (14.58 people per sqm) x the per square metre cost of providing a new healthcare facility (£3,000 per sqm) = Estimated healthcare contribution

(5) These estimated contributions have been calculated using Mid and South Essex HCP standard forward planning requirements and costings, and can only therefore be used to provide an indication of the healthcare costs associated with each site for the purposes of forward planning and local plan viability testing. The actual developer contributions required to support planning applications on the allocated sites will be calculated in detail based on the specific needs of the HCP to support the proposed development at that time.

+ This table presents a proposed approach to providing infrastructure contributions prior to any planning approvals on the allocated sites. Sites H5 and H6 have planning approval with agreed S106 contributions. The contributions allocated to sites H5 and H6 will not therefore be provided as indicated within the table. An alternative approach to delivering infrastructure projects associated with sites with extant planning permission is considered within the IDP Implementation and Delivery chapter.

2.4.25 To consider how developer contributions may be used towards specific infrastructure projects, the NHS has identified the potential projects and approximate costs of provision in Table 2.14. This information will develop through the Local Plan period as the location and timing of development and the cost of delivery become clearer.

Table 2.14 Potential new healthcare facilities required to support growth in the area

Premises	Description	Estimated cost
Basildon Health Hub	The new health hub will enable colocation of health and care services including primary and community care, out of hospital and ambulance services. Out of hospital services will include a diagnostic and treatment hub.	£12M
Wickford Health Centre	Reprovision of the existing health centre to include GP services as well as other services, possibly including diagnostics and other out of hospital services.	£4.3M
Billericay Heath Centre	New build health facility	£3M
Robert Frew	Extension to existing facility for GP services	£800,000
Kingswood Medical Centre	Extension to existing facility. Improved service delivery by individual practice plus enhanced GP training capacity.	£250,000
Matching Green	Extension of existing facility	£300,000

2.4.26 The development allocated in the Local Plan will also impact on acute care capacity in Basildon and to a lesser extent, Southend and Broomfield Hospitals. Additional capacity to deliver acute care services in Basildon Hospital and elsewhere will be required to ensure that appropriate acute health services are available to new and existing residents. Growth will also have an impact on paediatric services where there is likely to be an increase in young families in the area, and an overall increase in demand for services will create a need for additional nursing staff.

2.4.27 The HCP will continue to consider how additional capacity can be provided to reflect the new models of care, including contributing to the improvement of the emergency department, delivery of a new urgent treatment centre, consolidation of specialist services at the hospitals, and separation of elective and emergency surgical activity. Meeting the objective to bring services closer to home by moving them into a community setting where possible offers opportunities to expand the range and volume of healthcare services within existing and new communities.

d) Next steps

2.4.28 The Council should continue to engage with the HCP to support the delivery of future healthcare infrastructure improvements required directly as a result of growth allocated in the Local Plan.

2.4.29 The provision of additional healthcare facilities, as required by the HCP to support growth, will be delivered in line with the Local Plan housing trajectory, to ensure that impacts on health and care infrastructure are appropriately mitigated in a manner that does not have a detrimental impact on service delivery.

2.5 Green Infrastructure and Open Space

Green Infrastructure and Open Space

a) Context and existing provision

- 2.5.1 Green infrastructure, as defined by the NPPF, is ‘a network of multi-functional green and blue spaces and other natural features, urban and rural, which are capable of delivering a wide range of environmental, economic, health and wellbeing benefits for nature, climate, local and wider communities and prosperity’.
- 2.5.2 As defined by the NPPF, open space is ‘all open space of public value, including not just land, but also areas of water (such as rivers, canals, lakes and reservoirs) which offer important opportunities for sport and recreation and can act as a visual amenity’. Delivering open space that reflects current and future needs contributes to the pursuit of sustainable development objectives.
- 2.5.3 Additionally, whilst biodiversity net gain has not been mandated in law at this time, the NPPF encourages biodiversity and nature conservation that achieves a biodiversity net gain. Policy NE1 of the Basildon Local Plan seeks to secure a net increase in biodiversity across the Borough. Green infrastructure and open space provision and management are key to increasing biodiversity and nature conservation.
- 2.5.4 Open space includes the types of features (typologies) listed below. Fields in Trust⁴⁰ recommend local authority wide open space standards⁴¹ for open space features, which are as follows:

Table 2.15 Fields in Trust open space standards

Typology	Recommended Standards (ha/1000 population)	Preferred maximum walking distance
Public parks and gardens including urban parks, country parks and formal gardens	Recommended 0.8 hectares per 1,000 population.	710m
Amenity green space including informal recreation spaces (private or open to the public), allotments, roadside verges, green spaces in and around buildings and village greens.	Recommended 0.6 hectares per 1,000 population.	480m

⁴⁰ Fields in Trust is an independent charity which seeks to protect parks and green spaces by working with landowners, community groups and policy makers. www.fieldsintrust.org

⁴¹ Guidance for Outdoor Sport and Play: Beyond the Six Acre Standard, Fields in Trust, 2020

Typology	Recommended Standards (ha/1000 population)	Preferred maximum walking distance
Natural and semi-natural green space ⁴² including woodland, urban forestry, scrub, grasslands, open access land wetlands and vacant open land.	Recommended 1.8 hectares per 1,000 population.	720m
Provision for Children and Young People Including local areas of play (LAPs), locally equipped areas of play (LEAPs), and neighbourhood equipped area of play (NEAPs), wheeled play (e.g. skateboarding), outdoor 'kickabout' areas, and other less formal areas (e.g. 'hanging out' areas, teenage shelters).	Recommended 0.25 hectares per 1,000 population.	LAPs – 100m LEAPs – 400m NEAPs – 1,000m

2.5.5 In addition, the Basildon District PPG17 Open Space Assessment 2010⁴³, which forms part of the Local Plan evidence base, provides the following open space related standards:

Table 2.16 Additional Open Space Assessment typologies

Other typologies	Recommended Standards (ha/1000 population)	Preferred maximum walking distance
Allotments	1.6ha of allotment land per 1,000 population	Residents should be able to reach an allotment site within 2km of where they live.
Civic space	No recommended quantity standard	No recommended minimum distance.

2.5.6 Basildon's landscape and topography is described as varied, 'ranging from elevated plateaux and local hills to the marshlands and creeks associated with the Thames Estuary'⁴⁴. The Borough's Green Belt consists of an area of 6,950 hectares, covering 63% of land in the Borough⁴⁵. There are over 1,380 hectares of open space across the Borough, as summarised in Table 2.17 below.

Table 2.17 Total site areas of existing open space typologies in Basildon⁴⁶ (2010 and 2015 assessments)

Typology	Site Area (hectares) 2010	Site Area (hectares) 2015	Change between 2010 and 2015
Urban Parks and Gardens	301.4 ha	302.1 ha	0.7 ha

⁴² Maintenance is usually informal but may include elements of intervention such as coppicing for the long-term health and natural balance of woodland, flail cutting of meadow to increase biodiversity, and clearance of water habitats.

⁴³ Basildon District PPG17 Open Space Assessment 2010

⁴⁴ [Basildon Council - Landscape Study Volume 1 Landscape Character Assessment - Dec 2014](#)

⁴⁵ [Basildon Council - Green Belt Topic Paper - October 2018](#)

⁴⁶ Presenting information within the 2010 Basildon District PPG17 Open Space Assessment 2010 and the 2015 Basildon Borough Council Open Space Assessment Gap Analysis

Typology	Site Area (hectares) 2010	Site Area (hectares) 2015	Change between 2010 and 2015
Natural and semi-natural open space	434.45 ha	445.8 ha	11.35 ha
Amenity Green Space	220.93 ha	214.8 ha	-6.13 ha
Outdoor Sports Facilities ⁴⁷	262.43 ha	260.9 ha	-1.53 ha
Allotments and community gardens	8.9 ha	8.9 ha	-
Cemeteries and churchyards	19.9 ha	19.9 ha	-
Education Fields	129.5 ha	129.5 ha	-
Civic Space	4.03 ha	4.03 ha	-
Total	1381.54 ha	1385.92 ha	4.38 ha

Urban Parks and Gardens

2.5.7 Table 2.17 presented the total site areas of urban parks and gardens. This includes the country parks of Basildon. These are the most popular typology in the Basildon Borough area, accommodating a range of uses such as open-air community events in Lake Meadows and Wick Country Park, and a large provision of children and young people's play areas.⁴⁸ Table 2.18 presents urban parks and gardens in the Borough which have been designated as Local Green Spaces⁴⁹. A list of all urban parks and gardens in the Borough is presented in Appendix 1.

Table 2.18 Urban Parks and Gardens designated as Local Green Space

Site name	Ward	Size (Ha)	Type of Open Space
Lake Meadows	Billericay West	16.2	Urban Parks and Gardens
Victoria Park	Laindon Park	15.6	Urban Parks and Gardens
Howard Park	Pitsea South East	2.7	Urban Parks and Gardens
Mopsies Park	St Martins	2.7	Urban Parks and Gardens

Natural and semi-natural green space

2.5.8 There are a number of green spaces within the Borough of national and local importance, including areas of common land, village greens, town greens, allotments, SSSIs and Local

⁴⁷ Outdoor Sports Facilities will be considered as part of the subsequent Sports and Recreation Infrastructure section.

⁴⁸ Basildon District PPG17 Open Space Assessment 2010

⁴⁹ Local Green Space (LGS) allows communities to identify and protect green areas through policy consistent with Green Belt. This is land of demonstrably special and local character in proximity to the communities it serves. These were designated in the *Basildon Borough Council Local Green Spaces Report September 2017*. NPPF paragraphs 101-103 outlines the role of LGS designation.

Natures Reserves. There is one Local Green Space designation within a natural and semi-natural green space typology in Crouch Ward – the 1.7ha Noak Bridge Coppice site. While there are no sites of international importance within the Borough, there are Ramsar, Special Protection Areas and Special Areas of Conservation in close proximity of the Borough's boundary.

- 2.5.9 According to the latest available data⁵⁰, there are five SSSIs within the Borough, covering a total of 677.09 hectares. Only around 29.21% (198.75 hectares) of the total area of SSSIs are in a 'favourable condition', with the rest the area of SSSIs considered to be 'recovering'. Based on their respective latest assessment dates, no sites are in a declining state.
- 2.5.10 Langdon Ridge was designated as a SSSI by Natural England in 2018 on account of its nationally significant array of grassland, woodlands, and rare biodiversity, covering a 4.5km long area of the southwest of the Borough including the land as part of Langdon Nature Reserve and Langdon Hills Country Park. Langdon Nature Reserve, managed by Essex Wildlife Trust, covers 186.56 hectares, and recently received an upgraded Nature Discovery visitor centre featuring a restaurant and giftshop, and runs educational activities⁵¹.
- 2.5.11 The south of the Borough features relatively large areas of marshland. Pitsea Marsh SSSI features a range of habitats such as grasslands, scrub, ponds, and saltmarsh. It features the presence of the publicly accessible Wat Tyler Country Park, located on the site of a former explosives factory. The Country Park has an offering of a marina and café, educational and residential facilities. Additionally, the Vange and Fobbing Marsh SSSI, set over two sites, is described as a 'mosaic' of low-lying wetlands habitats, and is a rare example of grazing marshes on the Thames. Vange Marsh features nature trails and viewing points, however it does not feature a visitors centre or parking or other amenities on site, with the nearest facilities being at Wat Tyler Country Park and other surrounding uses. While this reduces the ability to accommodate school trips, the Wat Tyler Centre is in fairly close proximity has a high-quality education suite and facilities that could accommodate activities.
- 2.5.12 The majority of SSSIs lie to the south of the Basildon Town urban area within the hills and marshlands. However, north of this features the largest areas of Green Belt, with predominantly agricultural uses north of the River Crouch extending to the town of Billericay. This area features wooded farmland to the east of Billericay stretching north to the Borough boundary, which includes the Norsey Wood Local Nature Reserve and SSSI. Norsey Wood contains a Scheduled Ancient Monument and a wide variety of rare and threatened plants and animal life, such as dormice and bats. Car parking and toilets are available here.⁵²
- 2.5.13 There are 49 Local Wildlife Sites within the Borough, covering a total area of 888.1 hectares, and 19 Ancient Woodlands either within or adjoining the Borough, covering an area of 248.91 hectares.
- 2.5.14 A list of all natural and semi-natural green space in the Borough is presented in Appendix 1.

⁵⁰ Basildon Council – Authority Monitoring Report 2018/2019

⁵¹ [Langdon Nature Discovery Park | Essex Wildlife Trust \(essexwt.org.uk\)](https://www.essexwt.org.uk)

⁵² [Norsey Wood Local Nature Reserve - Basildon](https://www.essexwt.org.uk)

Table 2.19 Sites of Special Scientific Interest (SSSIs) in Basildon Borough⁵³

SSSI	Area (ha)	% of site in a favourable condition	% of site in an Unfavourable condition – Recovering	% of site in an Unfavourable condition – No change	% of site in an Unfavourable condition – Declining	Latest Assessment Date (as of 2019)
Langdon Ridge	345.03	19.50%	80.50%	0%	0%	27/06/2018
Mill Meadows, Billericay	6.8	0%	100%	0%	0%	23/06/2011
Norsey Wood	65.62	100%	0%	0%	0%	21/10/2010
Pitsea Marsh	92.34	54.90%	45.10%	0%	0%	07/07/2015
Vange & Fobbing Marshes	167.3	8.46%	91.54%	0%	0%	14/10/2015
Total:	677.09	197.75 ha / 29.21% of total area	479.34 ha / 70.79% of total area	0%	0%	-

Amenity Green Space

2.5.15 Amenity green space includes sites such as village greens and ponds. Basildon has a greater amount of amenity green space on average when compared to similar and nearby authorities. A list of all amenity green space in the Borough is presented in Appendix 1.

2.5.16 There are 39 amenity green spaces in the Borough which have been designated as Local Green Spaces, listed within Chapter 7 of the Basildon Borough Council Local Green Spaces Report⁵⁴.

⁵³ Basildon Council – Authority Monitoring Report 2018/2019

⁵⁴ Basildon Borough Council Local Green Spaces Report September 2017

Allotments and Community Gardens

2.5.17 The table below presents the locations of 391 allotment plots currently provided in the Borough. In 2021 there was a three year wait for a plot at all sites within the Borough. Two of these sites, Golden Gardens and Pendle Drive, are designated as Local Green Spaces.

Table 2.20 Schedule of allotments⁵⁵

Name	Managed by	Ward	Size (ha)	Number of plots
Market Road, Wickford	Basildon Council	Wickford Castledon	1.75	102
St James' Road, Vange	Basildon Council	Pitsea South East	0.60	33
Victoria Park, Laindon	Basildon Council	Laindon Park	0.30	42
Holden Gardens, Fryerns	Association	Fryerns	1.33	58
Pendle Drive, Fryerns	Association	Fryerns	0.43	38
London Road, Bowers Gifford	Association	Nethermayne	2.90	104
London Road, Crays Hill	Association	Nethermayne	1.68	128

Cemeteries and churchyards

2.5.18 Churchyards and cemeteries offer a tranquil setting for memory and reflection, and can also provide sites of biodiversity. There are 17 churchyards and cemeteries in the Borough listed within Appendix 1. 3 public cemeteries are operated by the Council, Great Burstead, Wickford Cemetery and Pitsea New Cemetery, which amounts to around 13ha of the 19.9ha available for this typology.

Civic space

2.5.19 Civic spaces differ from other green typologies in that they are traditionally planned and managed but are functional in nature and provide a comfortable setting for open environment around commercial, town centre locations. The Open Space Assessment 2010 identifies five civic spaces in Basildon Borough listed below, and provided an indication of the quality and potential improvements which could be made to each space:

⁵⁵ <https://www.basildon.gov.uk/allotments> and updates through consultation with Basildon Council

Table 2.21 Quality of civic spaces in Basildon and potential improvements

Location of civic space	Quality rating	Potential improvements
Town Square, Basildon	Good (73%)	Litter bins, seating, signage, accessibility
Market Square, Basildon	Good (61.5%)	CCTV, accessibility for disabled people, signage and entrances, improvements to lighting and seating
St. Martin's Square, Basildon	Good (71.7%)	Signage, seating
Northerlands Pavement, Pitsea	High reasonable (55.8%)	CCTV, signage
Wickford Market, Market Road, Wickford	High reasonable (58.1%)	CCTV, accessibility for disabled people, signage

Play Areas

2.5.20 The Open Space Assessment Part 2⁵⁶ stated that there were 259 children's play spaces consisting of LAPs, LEAPs, and NEAPs in the Borough. 143 play areas in the Borough are managed by Basildon Council, and also include multi use sports areas (MUSA), multi use games areas (MUGAs), and outdoor gym equipment. To manage and improve these sites, the Council has undertaken a review of all play areas to determine a programme of upgrades. Proposals include reducing the number of Council managed play spaces to 88 facilities, and providing targeted improvements to existing sites costing around £9 million over the next 10 years⁵⁷.

b) Current infrastructure needs in the area

2.5.21 The Basildon Open Space Assessment Gap Analysis 2015⁵⁸ assessed the quantity of open space provided in Basildon by determining losses and/or gains in provision since the 2010 Open Space Assessment. The Gap Analysis identified that there was a total area gain of 4.38ha of open space between 2010 and 2015, mainly derived from an 11.35ha increase in natural and semi-natural open space. However, as presented in Table 2.22, the level of population increase has been greater than the increase in open space, therefore the provision of open space has fallen below recommended standards.

⁵⁶ Basildon Council Draft PPG17 Open Space Assessment Part II, Basildon Council, 2012

⁵⁷ [In the news: Basildon councillors agree amendments to the council's Play Review - Basildon](#)

⁵⁸ Basildon Borough Council Open Space Assessment Gap Analysis 2015 [Basildon Council - Open Space Assessment Gap Analysis - Dec 2015](#)

Table 2.22 Area (ha/1000) of open space typologies in 2010 and 2015 compared to recommended standards

Typology	2010 Area (ha/1000 population)	Recommended Standard ⁵⁹ (ha/1000 population)	2015 Area (ha/1000 population)	Change between 2010 and 2015
Urban Parks and Gardens	1.82 ha	1.82 ha	1.67 ha	-0.15 ha
Natural and semi-natural open space	2.62 ha	2.62 ha	2.47 ha	-0.15 ha
Amenity Green Space	1.33 ha	1.33 ha	1.19 ha	-0.14 ha
Outdoor Sports Facilities	1.58 ha	1.58 ha	1.45 ha	-0.13 ha
Allotments and community gardens	0.054 ha	Meet Demand	0.049 ha	-0.005 ha
Cemeteries and churchyards	0.12 ha	Meet Demand	0.11 ha	-0.01 ha
Education Fields	0.78 ha	No minimum Standard	0.72 ha	-0.06 ha
Civic Space	0.024 ha	No minimum Standard	0.022 ha	-0.002 ha

Billericay and Burstead Settlement Area

2.5.22 The Billericay and Burstead Settlement Area (SA) features an above average provision of natural and semi-natural open space, but a below recommended standard of provision for urban parks and gardens and amenity green space. As a result, the Open Space Assessment⁶⁰ recommended an increase of amenity green space at 6.2 sqm per resident and urban parks and gardens at 2.7 sqm per current residents, or any combination of the two.

Noak Bridge and Ramsden Settlement Area

2.5.23 For Noak Bridge and Ramsden SA it was recommended that there should be an increase in natural and semi-natural green space of 4.8 sqm per resident, and an increase in provision of urban parks and gardens at 14.6 sqm, as there was no provision present.

Wickford Settlement Area

2.5.24 Regarding urban parks and gardens, the Wickford SA had above the recommended standard of provision. The provision of Natural and semi-natural open space was below the

⁵⁹ Based on recommendations within the 2010 Open Space Assessment 2010

⁶⁰ Basildon District PPG17 Open Space Assessment Part I 2010

https://www.basildon.gov.uk/media/2111/Basildon-District-PPG17-Open-Space-Assessment-Part-I-2010/pdf/Basildon_District_PPG17_Open_Space_Assessment_Part_I_-_2010.pdf?m=634056465017330000

recommended standard. As a result, an increase in the provision of natural and semi natural green space at 20.5 sqm per resident was recommended. Whilst there was an under provision of amenity green space, this was not below the recommended standard, therefore no recommended increase in provision was suggested as a result.

Basildon Settlement Area

2.5.25 The Basildon SA contains the greatest supply of open space per head of population. Therefore, there is no recommended minimum increases in the concentration of typologies for the Basildon SA.

2.5.26 Based on the above identified current needs, Table 2.23 below sets out the required green infrastructure provision for Basildon Borough as presented within the 2010 Open Space Assessment.

Table 2.23 Summary of existing open space and green infrastructure requirements in Basildon Borough

Green infrastructure and open space typology	Areas where there is an identified deficit	Proposed future provision	Source / Evidence used
Urban parks and gardens	<ul style="list-style-type: none"> • Billericay and Burstead SA • Noak Bridge SA • Ramsden SA 	To be determined	PPG17 Open Space Assessment Part I, 2010
Amenity Green Space	<ul style="list-style-type: none"> • Billericay and Burstead SA 	To be determined	PPG17 Open Space Assessment Part I, 2010
Natural and semi-natural open space	<ul style="list-style-type: none"> • Wickford SA • Noak Bridge SA • Ramsden SA 	To be determined	PPG17 Open Space Assessment Part I, 2010
Cemeteries and Churchyards	<ul style="list-style-type: none"> • Borough wide 	Additional 1.9ha of public cemetery land to 2040, and associated facilities	Draft PPG17 Open Space Assessment Part II, 2012

2.5.27 Lead agencies:

- Basildon Borough Council
- Essex Wildlife Trust
- Natural England

2.5.28 Evidence base:

- Guidance for Outdoor Sport and Play: Beyond the Six Acre Standard, Fields in Trust, 2020
- Authority Monitoring Report 2018/2019, Basildon Council, 2019
- Green Belt Topic Paper, Basildon Council, 2018
- Local Green Spaces Report, Basildon Council, 2017
- Open Space Assessment Gap Analysis, Basildon Council, 2015
- Guidance for Outdoor Sport and Play: Beyond the Six Acre Standard, Fields in Trust, 2015
- Landscape Character Assessment and Green Belt Landscape Capacity Study Volume 1 – Landscape Character Assessment, The Landscape Partnership, 2014
- Draft PPG17 Open Space Assessment Part II, Basildon Council, 2012
- PPG17 Open Space Assessment Part I, Basildon Council, 2010

c) Delivering growth allocated in the Local Plan

Provision of additional green infrastructure and open space

- 2.5.29 The existing green infrastructure and open space deficits identified above should be considered within emerging proposals for Local Plan allocations within the settlement areas. While the Local Plan allocations are not required to address existing deficiencies, where deficiencies have been identified new development proposals cannot rely on existing green infrastructure provision. New items will therefore need to be delivered to meet the needs of future new residents, and in this instance the Council will seek opportunities to address these identified needs through S106 contributions alongside other appropriate funding mechanisms.
- 2.5.30 Not all new developments will be expected to provide green space at the standards set out by Fields in Trust, particularly higher density development within the urban areas. Where appropriate, development proposals should contribute towards the delivery of new green and blue infrastructure which develops and enhances a network of multifunctional green and blue assets throughout the Borough. This will be proportionate to the scale of the proposed development and the rural or urban context. The Council will support development which contributes to the Borough's existing green and blue infrastructure and where possible, enhances and protects networks. It will secure additional provision where deficiencies have been identified. Where on site provision is not feasible then the use of S106 agreements will be sought to contribute to green infrastructure.
- 2.5.31 The provision of green infrastructure associated with new development proposals will depend on the availability and quality of surrounding existing green infrastructure and open space, the size of the development, and land availability. The specific green infrastructure and open space requirements for each allocation within the Local Plan should therefore be determined through development briefs, masterplans, and planning applications associated with each site. However, using the open space standards from the Fields in Trust and the 2010 Open Space Assessment as outlined above, the demand for additional or expanded

green infrastructure and open space arising from Local Plan allocations can be calculated, as presented in Table 2.24 below.

- 2.5.32 The timescales for the delivery of open space as part of the strategic allocations will vary depending on the proposed approach to developing the site. For example, on smaller sites construction companies often locate on-site offices and construction equipment on future open space areas to support the construction of the rest of the site. This approach would therefore delay the development of the open space area until the end of the development. However on larger sites, the provision of open space may be necessary for new residents moving into the completed houses, therefore the open space area will be provided earlier in the development. The appropriate timescales for the delivery of open space will therefore be considered in more detail at the masterplanning and planning application stages.
- 2.5.33 Green infrastructure requirements can either be provided on site, or as financial contributions towards the strategic provision of green infrastructure. The timescales for the delivery of green infrastructure can vary considerably for each site allocation, depending on the type of green infrastructure proposed, and the size and location of the development site. Where green infrastructure and open space features already exist on a strategic allocation, and there is a requirement as minimum to maintain the existing provision, it is assumed that the existing features will be maintained and there would therefore be no additional costs allocated to the site. The IDP does not therefore consider any need and costs associated with moving existing features or infrastructure items within the site.
- 2.5.34 The provision of new green infrastructure and open space items, land for new green infrastructure and open space, and future management arrangements, will usually be secured through section 106 agreements supporting planning applications. Other funding sources for the provision of new green infrastructure and open space could include funding from Government, community events, the National Lottery, Sport England, and grant funding from relevant organisations.

Biodiversity Net Gain

- 2.5.35 The NPPF requires Local Plans to seek to achieve net gains for biodiversity through major development proposals. A detailed assessment of sites allocated in the Local Plan will be required to determine the impacts of development on biodiversity, and to consider how biodiversity net gains can be provided in accordance with the requirements of national planning policy. The costs of providing biodiversity net gains will vary significantly depending on how and where the net gains will be provided. The DEFRA Biodiversity Offsetting Metric can be used to calculate requirements, however this would need to take into account the extent and importance of biodiversity resources affected. In addition, it may be possible that biodiversity net gains could be achieved through other open space being provided as part of a development proposal.
- 2.5.36 Given these complexities, it is therefore not appropriate at this time to seek to calculate the requirements or costs associated with providing biodiversity net gain. Advice produced by

the Planning Advisory Service⁶¹ (PAS) has indicated that the average costs for developers to deliver net gain is likely to be as low as a proportion of key variables such as build costs and land prices, and is therefore unlikely to lead to a significant increase on average developer contributions.

Green infrastructure and open space requirements for Local Plan allocations calculated using identified standards

2.5.37 Table 2.24 below lists open space and green infrastructure requirements based on identified standards, to present theoretical infrastructure requirements without taking into account site specific features, existing open space provision, and surrounding capacity. The information presented in Table 2.24 therefore presents a baseline requirement for the Local Plan site allocations based on arising needs, which should then be assessed in further detail through masterplanning and planning application processes to determine how site specific features and surrounding existing open space provision impact on the baseline requirements presented below.

Table 2.24 Baseline assessment of the need for additional open space and green infrastructure arising from sites allocated in the Local Plan

Site	Population increase ⁽¹⁾	Public parks and gardens (hectares) ⁽²⁾	Amenity green space (hectares) ⁽³⁾	Natural and semi-natural green space (hectares) ⁽⁴⁾	Open space costs ⁽⁷⁾⁽⁸⁾	LAPs, LEAPs, and NEAPs (hectares) ⁽⁵⁾	LAPs, LEAPs, and NEAPs Costs ⁽⁶⁾
H5+	1,965	1.572	1.179	3.537	£94,321	0.491	£835,132
H6+	1,154	0.923	0.692	2.077	£55,399	0.289	£490,508
H7	970	0.776	0.582	1.746	£46,563	0.243	£412,281
H8	746	0.597	0.448	1.343	£35,818	0.187	£317,139
H9	609	0.488	0.366	1.097	£29,251	0.152	£258,997
H10	995	0.796	0.597	1.791	£47,757	0.249	£422,852
H11	1,144	0.915	0.687	2.060	£54,921	0.286	£486,280
H12	2,736	2.189	1.642	4.925	£131,333	0.684	£1,162,843
H13	696	0.557	0.418	1.254	£33,430	0.174	£295,996
H14	1,244	0.995	0.746	2.239	£59,697	0.311	£528,565
H15	746	0.597	0.448	1.343	£35,818	0.187	£317,139

⁶¹ <http://www.local.gov.uk/pas/topics/environment/biodiversity-net-gain/biodiversity-net-gain-faqs-frequently-asked-questions>

Site	Population increase ⁽¹⁾	Public parks and gardens (hectares) ⁽²⁾	Amenity green space (hectares) ⁽³⁾	Natural and semi-natural green space (hectares) ⁽⁴⁾	Open space costs ⁽⁷⁾⁽⁸⁾	LAPs, LEAPs, and NEAPs (hectares) ⁽⁵⁾	LAPs, LEAPs, and NEAPs Costs ⁽⁶⁾
H16	634	0.507	0.381	1.142	£30,445	0.159	£269,568
H17a	1,343	1.075	0.806	2.418	£64,472	0.336	£570,850
H17b	721	0.577	0.433	1.298	£34,624	0.180	£306,568
H17c	871	0.696	0.522	1.567	£41,788	0.218	£369,995
H17d	1,293	1.035	0.776	2.328	£62,085	0.323	£549,707
H18	497	0.398	0.298	0.895	£23,879	0.124	£211,426
H19	995	0.796	0.597	1.791	£47,757	0.249	£422,852
H20	473	0.378	0.284	0.851	£22,685	0.118	£200,855
H21a	15	0.012	0.009	0.027	£716	0.004	£6,343
H21b	50	0.040	0.030	0.090	£2,388	0.012	£21,143
H21c	15	0.012	0.009	0.027	£716	0.004	£6,343
H22	164	0.131	0.098	0.295	£7,880	0.041	£69,771
SD3a	3,358	2.686	2.015	6.044	£161,181	0.839	£1,427,125
SD3b	92	0.074	0.055	0.166	£4,418	0.023	£39,114
R2	9,447	7.558	5.668	17.005	£453,456	2.362	£4,014,978
R5	602	0.482	0.361	1.083	£28,893	0.150	£255,825
Total	33,577	26.862	20.146	60.438	£1,611,692	8.394	£14,270,192

Notes

(1) Based on an average house size of 2.5 people for Basildon postcode data (2011 Census data)

(2) Calculated using Fields in Trust standard of 0.8 hectares per 1,000 population

(3) Calculated using Fields in Trust standard of 0.6 hectares per 1,000 population

(4) Calculated using Fields in Trust standard of 1.8 hectares per 1,000 population

(5) Calculated using Fields in Trust standard of 0.25 hectares per 1,000 population

(6) Based on the recommendation of £170 per square meter of required play and youth provision, as outlined in the Chelmsford Infrastructure Delivery Plan, Troy Planning and Navigus Planning, 2018

(7) Open space costs relate to identified requirements for public parks and gardens, amenity green space, and natural and semi-natural green space

(8) Based on costs from the Cranfield Park, Wickford development, Basildon Council have estimated open space provision to cost around £15,000 per hectare. It is acknowledged that this cost will vary depending on the type of open space, this figure is therefore used as a guide.

+ This table presents a proposed approach to providing infrastructure contributions prior to any planning approvals on the allocated sites. Sites H5 and H6 have planning approval with agreed S106 contributions. The contributions allocated to sites H5 and H6 will not therefore be provided as indicated within the table. An alternative approach to delivering infrastructure projects associated with sites with extant planning permission is considered within the IDP Implementation and Delivery chapter.

Green infrastructure and open space requirements identified within Local Plan policies

2.5.38 The Local Plan evidence base, and previous iterations of the IDP, have informed the production of open space and infrastructure requirements listed within relevant site allocation policies of the Local Plan. Table 2.25 below presents the open space and green infrastructure requirements listed within the Local Plan, which should be considered alongside the identified additional infrastructure needs listed within Table 2.24.

Table 2.25 Open space and green infrastructure related requirements identified within the Local Plan

Site ref	Green infrastructure and open space related requirements within the Local Plan
H5	<ul style="list-style-type: none"> • Amenity open space
H6	<ul style="list-style-type: none"> • Additional open space provision • Land west of the site protected for nature conservation purposes • Note: Site already has planning approval, with 17.7ha of open space being provided
H7	<ul style="list-style-type: none"> • Provision of multi-functional landscape buffers within the sites
H8	<ul style="list-style-type: none"> • Provision of open space
H9	<ul style="list-style-type: none"> • Provision of open space
H10	<ul style="list-style-type: none"> • Provision of open space
H11	<ul style="list-style-type: none"> • Provision of open space
H12	<ul style="list-style-type: none"> • Provision of open space and landscape buffers
H13	<ul style="list-style-type: none"> • Provision of open space
H14	<ul style="list-style-type: none"> • Provision of open space • Relocation of Barn Hall Recreation Ground within the site
H15	<ul style="list-style-type: none"> • Provision of multi-functional landscape buffers within the sites
H16	<ul style="list-style-type: none"> • Provision of multi-functional landscape buffers within the sites
H17a	<ul style="list-style-type: none"> • Provision of open space • Provision of a multi-functional landscape buffer within the site
H17b	<ul style="list-style-type: none"> • Provision of open space • Provision of a multi-functional landscape buffer within the site
H17c	<ul style="list-style-type: none"> • Provision of open space • Provision of a multi-functional landscape buffer within the site

Site ref	Green infrastructure and open space related requirements within the Local Plan
H17d	<ul style="list-style-type: none"> • Provision of open space and a green corridor • Provision of a multi-functional landscape buffer within the site • Woodland management of Frith Wood Local Wildlife Site
H18	<ul style="list-style-type: none"> • Provision of open space • Provision of a multi-functional landscape buffer within the site
H19	<ul style="list-style-type: none"> • Provision of multi-functional open space • • Provision of landscape buffers
H20	<ul style="list-style-type: none"> • Provision of open space • Provision of a multi-functional landscape buffer within the site
H21a	n/a
H21b	n/a
H21c	n/a
H22	n/a
SD3a	n/a
SD3b	n/a
R2	n/a
R5	n/a

d) Next steps

2.5.39 There is a broad green infrastructure and open space related evidence base which has supported the production of various iterations of the draft Local Plan, and as a result some of the information used may now be dated. For example, some discrepancies exist between site-level data published under the draft Local Plan, Basildon Council's web resources, and the audits carried out for the PPG17 Open Space Assessments. While the information presented within this chapter is satisfactory for the purposes of planning for strategic growth, the Local Plan evidence base would benefit from up to date assessments of the existing provision and future needs for open space and green infrastructure in the Borough.

2.5.40 Open space and green infrastructure related standards have been used to update and supplement information included within the Local Plan evidence base. These standards are used to provide an indication of the additional infrastructure which would be required to support growth proposed in the Local Plan. Further detailed assessments will therefore be required at the masterplanning and planning application stages to determine the appropriate amount and type of additional open space and green infrastructure which should be provided to support proposed growth.

- 2.5.41 While the extent of additional open space and green infrastructure has been estimated for growth proposed in the Local Plan, it has not been possible at this stage to calculate associated costs for all types of infrastructure improvements. Existing deficits in open space and green infrastructure identified within this section will be examined further by the Council and relevant partners to identify projects and funding to address identified infrastructure needs. Future iterations of the IDP will provide an update on these work streams.
- 2.5.42 Basildon Council will continue to work closely with relevant infrastructure providers and developers to consider how growth allocated in the Local Plan could assist in providing additional open space and green infrastructure, and to consider in greater detail through the masterplanning of sites the extent, layout, delivery mechanisms and future management arrangements of new open space and green infrastructure.

2.6 Sports Facilities

a) Context and existing provision

- 2.6.1 Indoor and outdoor sports and leisure facilities play an important role in supporting healthy communities, as well as providing opportunities for all age groups to socialise and develop skills. Regular exercise contributes to achieving a range of wider socio-economic objectives, therefore ensuring an adequate supply of suitable sporting facilities to meet local need is a requirement of the planning system. Careful consideration of the existing provision and future need for sports and leisure facilities is important to support the well-being of existing residents, and to support growth proposed in the Local Plan.
- 2.6.2 The Fields in Trust⁶² recommend standards⁶³ for the provision of sports facilities which are as follows:

Table 2.26 Fields in Trust formal outdoor spaces standards

Formal Outdoor space	Recommended Standards (ha/1000 population)	Preferred maximum walking distance
Playing pitches	1.20 hectares per 1,000 population	1,200m
All outdoor sports ⁶⁴	1.60 hectares per 1,000 population	1,200m
Other outdoor provision (MUGAs and skateboard parks)	0.30 hectares per 1,000 population	700m

Outdoor Sports Facilities

- 2.6.3 The Basildon Borough Council Playing Pitch Strategy Assessment Report 2018⁶⁵ provides a supply and current and future demand assessment of playing pitch and other outdoor sports facilities in the Borough, in accordance with Sport England guidance. Local deficiencies were identified with regards to youth football, 3G AGP (Artificial Grass Pitches) pitches, cricket, rugby union and MUGAs. The table below summarises the conclusions of the assessment.

⁶² Fields in Trust is an independent charity which seeks to protect parks and green spaces by working with landowners, community groups and policy makers. www.fieldsintrust.org

⁶³ Guidance for Outdoor Sport and Play: Beyond the Six Acre Standard, Fields in Trust, 2020

⁶⁴ Including playing pitches. The remaining 0.4ha within this guideline encompasses courts and green comprising natural or artificial surfaces

⁶⁵ Basildon Borough Council Playing Pitch Strategy Assessment Report, Knight Kavanagh and Page, 2018

Table 2.27 Assessment of existing playing pitch provision in Basildon Borough

Sport	Existing provision	Surplus / deficit ⁶⁶
Football	<ul style="list-style-type: none"> • 68 adult pitches • 21 youth 11v11 • 22 youth 9v9 • 29 mini 7v7 • 17 mini 5v5 	<ul style="list-style-type: none"> • Adequate number of adult pitches based on current and future demand. • Based on current and future demand, there is a significant shortfall of youth 11v11 pitches. • Based on current and future demand, there is a substantial shortfall of youth 9v9 pitches. • Adequate number of mini 7v7 pitches based on current and future demand. • Small shortfall of mini 5v5 pitches based on current and future demand. • Barleylands Farm and unsecured pitches provide much of the capacity.
3G AGP (third generation artificial grass pitches)	<ul style="list-style-type: none"> • 8 full size pitches (2 further pitches proposed) • 8 smaller pitches 	<ul style="list-style-type: none"> • Need for additional pitches to meet current and future demand, particularly in Billericay. • Current need for 2 or 3 additional 3G pitches⁶⁷.
Cricket	<ul style="list-style-type: none"> • 11 grass cricket squares across 9 sites • 8 standalone NTP squares across 7 sites • 109 grass wickets • 9 NTP wickets 	<ul style="list-style-type: none"> • Overall shortfall for senior cricket on grass wicket squares amounting to 8 match equivalent sessions based on current and future demand. • Overall shortfall for junior cricket with shortfall of 8 match equivalent sessions currently and a shortfall of 16 anticipated. • Significant overplay in Billericay analysis area.
Rugby union	<ul style="list-style-type: none"> • 9 senior pitches • 2 mini pitches 	<ul style="list-style-type: none"> • Overall shortfall for Basildon and Billericay Rugby Clubs with overplay at two main sites for the majority of activity.
Rugby league	<ul style="list-style-type: none"> • No provision 	<ul style="list-style-type: none"> • No active RLFC (Rugby League Football Club) teams and minimal demand, sufficient provision is considered to exist.
Hockey	<ul style="list-style-type: none"> • 1 full size sand based AGP • 1 smaller sized sand based AGP 	<ul style="list-style-type: none"> • Current AGP provision sufficient to meet match play and training demand from Basildon HC.

⁶⁶ As identified in the Basildon Borough Council Playing Pitch Strategy Assessment Report, Knight Kavanagh and Page, 2018, unless otherwise stated

⁶⁷ As identified through consultation with Basildon Council and outlined within the 'Provision of 3G Football Pitches, Ploszajski Lynch Consulting Ltd, 2021'

Sport	Existing provision	Surplus / deficit⁶⁶
Golf	<ul style="list-style-type: none"> • 4 golf courses • 1 standalone driving range 	<ul style="list-style-type: none"> • Current supply can meet current and future demand.
Bowls	<ul style="list-style-type: none"> • 7 bowling greens 	<ul style="list-style-type: none"> • Current supply can meet current and future demand.
Tennis	<ul style="list-style-type: none"> • 56 courts available for community use • 16 courts not available for community use 	<ul style="list-style-type: none"> • Sufficient capacity / supply of courts at community accessible club sites.
Netball	<ul style="list-style-type: none"> • 32 courts available for community use • 10 courts not available for community use 	<ul style="list-style-type: none"> • Substantial current and future demand for outdoor netball provision, however current supply considered sufficient.
Athletics	<ul style="list-style-type: none"> • 1 400m 8 lane athletics track with field sport provision 	<ul style="list-style-type: none"> • Capacity for more use of the track, sustainable membership of Basildon Athletics Club to support use.
Cycling	<ul style="list-style-type: none"> • No provision • 1 site with BMX activity 	<ul style="list-style-type: none"> • Anticipated high demand for road cycling, no evidence to suggest more cycling provision is required.
MUGA	<ul style="list-style-type: none"> • 14 MUGAs 	<ul style="list-style-type: none"> • Demand unclear. Possible under provision in Billericay and Wickford as the existing provision is predominantly concentrated in the Basildon analysis area. However no under provision was identified by Basildon Council through recent consultation.

Table 2.28 List of playing fields associated with education facilities in Basildon Borough

School	Type of Facility
Abacus Primary School	Mini-Football
Bardfield Primary and Nursery School	Junior Football pitch
Barstable School	Mini-Soccer pitch, Adult Football pitch, Adult Rugby pitch
Beauchamps High School	Adult Football pitch, 3G pitch

School	Type of Facility
Briscoe Primary School and Nursery	Grass Field
Buttsbury Infant School	Grass Field
Cherry Tree Primary School	Mini-Soccer pitch, Junior Football pitch, Grass Field
De La Salle School	Adult Football pitch, Adult Rugby pitch
Felmore Primary School	Junior Football pitch
Great Berry Primary School	Mini Football pitch, Sand AGP
Greensted Junior School	Mini Football pitch
Kingswood Primary Academy	Mini Football pitch
Lee Chapel Primary School	Mini-Soccer pitch, Junior Football pitch
Lincewood Junior School	Mini-Soccer pitch, Junior Football pitch
Mayflower High School	Adult Football pitch, Cricket, Rugby
Merrybanks Primary School	Junior Football pitch
Noak Bridge Primary School	Junior Football pitch
North Crescent Primary School	Mini-Soccer pitch
Northlands Junior School	Junior Football pitch
Oakfield Primary School	Junior Football pitch
Phoenix Primary School	Mini Football, Youth Football
Pitsea Junior School	Grass Field
Quilters Junior School	Junior Football pitch
Runwell Primary School	Junior Football pitch
Ryedene Primary School	Grass Field
St. Anne Line Catholic Junior School	Mini-Soccer pitch, Junior Football pitch, Cricket pitch (artificial wicket)
St John's School	Youth Football pitch, Senior Rugby pitch
St Margaret's Church of England Primary School	Grass Field
St Peter's Catholic Primary School	Junior Football pitch
Sunnymede Junior School	Mini-Soccer pitch, Junior Football pitch, Grass Field
The Basildon Lower Academy	3 Adult Mini Football pitches, Cricket pitch, 3 Senior

School	Type of Facility
	Rugby pitch
The Basildon Upper Academy	Adult Football pitch, Junior Football pitch, Cricket pitch, Senior Rugby pitch
The Billericay School	Adult Football pitch, Adult Rugby pitch, Cricket pitch
The Bromfords School	Mini-Soccer pitch, Junior Football pitch, Adult Football pitch, Cricket pitch (artificial wicket)
The Buttsbury Junior School	Junior Football pitch, Cricket pitch (artificial wicket)
The James Hornsby School	Mini-Football pitch, Youth Football pitch, Adult Football pitch, 3G pitch, Rugby Union Senior pitch, Grass Field
The Wickford Infant School	Grass Field
Thurrock & Basildon College	Adult Football pitch
Vange Primary School	Mini-Soccer pitch, Junior Football pitch
Whitmore Junior School	Junior Football pitch
Wickford Junior School	Junior Football pitch
Willows Primary School	Junior Football pitch
Woodlands School	Junior Rugby pitch, Cricket pitch (artificial wicket)

Indoor Sports Facilities

2.6.4 The Indoor and Built Facilities Needs Assessment⁶⁸ assessed the formal indoor sports facilities needs for the Basildon Borough area. Sports halls are measured by the number of badminton courts contained within the floor area. The assessment identified that sports halls across the Borough are used for Badminton, Basketball, and Netball, which are considered to be very popular uses, as well a mix of other sports. Of the 13 sites assessed, 12 were considered as available for community use with a combined total of 62 badminton courts considered to be available to the community. Using the Sport England Facilities Planning Model (FPM), the Assessment identified that the demand for badminton courts was 52.3, indicating a +10 supply demand balance of community available courts. The demand for sports facilities is reported as being 'satisfied' (93.8%), indicating high accessibility. However, capacity varies across the Borough, and the Basildon Sporting Village and the Billericay Sports Centre are known to be operating at capacity.

⁶⁸ Sport and Leisure Facilities Needs Assessment, Indoor and Built Facilities Needs Assessment, Knight Kavanagh and Page, 2018

- 2.6.5 The audit identified 13 swimming pools across 12 sites in Basildon, with 5 of the 4 sites identified as being available mostly for full community use. However, there is limited availability for additional facilities provided alongside the swimming pools. The Sport England FPM reports a significant supply of water space over demand across the Borough, however water space use at Basildon Sporting Village is described as being above comfortable capacity.
- 2.6.6 The Assessment identified 18 health and fitness suite facilities across Basildon containing around 1,854 stations. Most of these offer good or above average facilities and are easily accessible. Current and future demand for stations can be well serviced by the existing facilities, with the current supply of stations above the predicted demand of 1,279 stations in 2037.
- 2.6.7 There is high demand for gymnastics in South Essex with high waiting lists, serviced by a strong presence of gymnastics in Basildon across five good quality sites.
- 2.6.8 There is only one permanent indoor tennis facility in Basildon which is by membership only, however facilities are available in neighbouring areas. There is latent demand for tennis present within the Borough, but it is expected that existing facilities can accommodate the current demand.
- 2.6.9 In terms of less popular sports, there are 10 membership only squash courts across two venues in the Borough which are not affiliated with Squash England, however facilities are available in neighbouring areas. There are two England boxing affiliated clubs and nine table tennis clubs in the Borough.

Table 2.29 Existing indoor and built sports facilities in Basildon Borough

Type of indoor sports provision	Location
Sports hall	Basildon Lower Academy
	Basildon Sporting Village
	Basildon Upper Academy
	Beauchamps School
	Billericay Sports & Fitness Centre
	Bromford Sports Centre
	David Lloyd Club (Basildon)
	De La Salle School
	Eversley Leisure Centre
	Hannikins Farm Community Centre
	James Hornsby High School
	Laindon Community Centre
	Lee Chapel Primary School
	Mayflower High School
	Ramsden Bell House Village Hall
Woodlands School	
Swimming pools	Basildon Lower Academy
	Basildon Sporting Village
	Billericay Sports & Fitness Centre

Type of indoor sports provision	Location
	Billericay Swimming Pool
	Castledon School
	Club Kingswood, Basildon
	David Lloyd Club
	James Hornsby High School
	LA Fitness (Billericay) (now Pure Gym)
	Mayflower High School
	Quilters Infant School
	Stock Brook Manor Country Club
	Wickford Swim and Fitness Centre
Health and Fitness Suites	Agila Gym
	Basildon Sporting Village
	Basildon Sports Centre
	Bromford Sports Centre
	Club Kingswood, Basildon
	David Lloyd Club
	Energie Fitness, Basildon
	Eversley Leisure Centre
	Fitness First Health Club, Basildon
	Gym4All
	Pulse Health Studio & Gym (The Place)
	Pure Gym (Billericay)
	Ripped Gym (Basildon)
	Snap Fitness 24/7
	Stock Brook Manor Country Club
	Studio 360 Fitness
The Gym Hub	
Wickford Swim and Fitness Centre	
Gymnastics	Basildon Sporting Village
	Carousel School of Gymnastics
	Eversley Leisure Centre
	Ultima Trampoline Club
Squash	Club Kingswood
	David Lloyd Club
Indoor tennis	David Lloyd Club

2.6.10 The Indoor and Built Facilities Needs Assessment⁶⁹ identified 53 village and community halls across the Borough, and further facilities were identified via the Basildon Council website⁷⁰. There is a high demand for community centre space, and these deliver a wide range of activities as evidenced below. There is no daytime provision of community available sports halls in Billericay and Wickford, however these facilities do provide daytime physical activity offers.

⁶⁹ Sport and Leisure Facilities Needs Assessment, Indoor and Built Facilities Needs Assessment, Knight Kavanagh and Page, 2018

⁷⁰ www.basildon.gov.uk/article/2539/Private-halls-for-hire-in-Basildon-Billericay-and-Wickford

Table 2.30 Council owned / managed village and community halls for hire in Basildon Borough

Location	Available sports activities
Crown Community Centre	No reported activities
Frypa Hall	Pool, billiards, fitness classes
Gordon hall	No reported activities
Kingswood Play Centre	Dance and fitness classes
Laindon West Community Hall	Karate, dance, Zumba
Luncies Road Meeting Hall	Martial arts
Vange Community Centre	Dance and yoga
Nevendon Road Play Centre Wickford Community Centre	Fitness classes, mixed martial arts

Table 2.31 Private village and community halls for hire / other halls in Basildon Borough

Location	Activity
Barnet Centre, Basildon	No reported activities
Barnhall Social Club	No reported activities
Barstable Community Centre, Basildon	Fitness classes, yoga
Basildon Community Resource Centre, Basildon	Chair based exercises, yoga, dementia classes
Billericay Day Centre	Over 60s keep fit classes
Billericay Town Football Club, Billericay	No reported activities
Billericay W.I. Hall, Billericay	No reported activities
Bluehouse Farm Community Centre, Basildon	Majorette, dance & martial arts groups
Bowers United Sports & Social Club, Pitsea	No reported activities
Canon Roche Social Centre, Billericay	Specialised activity for older adults with dementia.
Chalvedon Community Centre, Basildon	Yoga and Pilates
Chantry Centre, Billericay	No reported activities
Fryerns CAC, Basildon	Martial arts, Zumba, short mat bowls
Great Berry Residents Club	No reported activities
Green Farm Scouts	No reported activities
Hannakins Farm Community Centre, Billericay	No reported activities
Highcliffe Playcentre	No reported activities
Laindon Community Centre, Basildon	Recently reopened, now providing numerous activities.
Langham Hall, Billericay	Badminton, yoga, fitness classes
Lee Chapel North Community Centre, Basildon	No reported activities
Lee Chapel South Community Centre, Basildon	Zumba
Little Burstead Village Hall, Billericay	No reported activities
Mayflower Hall, Billericay	Ladies only fitness, Zumba
Mistley Community Hall	Holiday activity camps
Nevendon Community Hall, Nevendon	Soft play activities
Noak Bridge Village Hall	No reported activities
Northlands Park Community Centre, Basildon	Table tennis
Paddocks Community Hall, Basildon	Zumba, short mat bowls

Location	Activity
Pitsea Mount Community Centre, Basildon	Zumba, fitness classes
Presidents' Community Centre	No reported activities
Ramsden Bellhouse Village Hall, Ramsden Bellhouse	Dance, badminton, table tennis, martial arts
Rose Hall, Billericay	No reported activities
SHARE (Safe Haven & Respite Environment)	Disability sports activities
Shotgate Community Hall, Wickford	Table tennis, yoga, dance, keep fit classes
South Green Memorial Hall, Southend Road	Line dancing, karate
St John The Divine Community Hall, Outwood Common Road	Karate, mat bowls
St. Martin's Pastoral Centre, Basildon	Karate
Steeple View Community Centre, Basildon	Line dancing, Zumba
Swanmead Centre	Disability sports club
The Reading Rooms, Billericay	No reported activities
Triangle Children's Centre	No reported activities
The Wick Community Centre, Silva Island Way	Strollercise, dance, yoga, karate, BEFIT fitness, football,
West Billericay Community Centre (Hannakins Farm)	Dance, karate, over- 50s, short mat bowls
Wickford Community Centre, Wickford	Dance, kung fu, keep fit classes
Women's Institute Hall, Basildon	No reported activities

2.6.11 The South Essex Indoor Built Facilities Strategy, Basildon Strategy and Action Plan⁷¹ considers in detail the future actions required to maintain and enhance indoor sports provision in the Borough. The Action Plan identifies where and how future sports investment could be used to support and encourage existing sporting activities. While the Action Plan does not identify specific infrastructure project for inclusion within the IDP, it does outline how future sports infrastructure investment could be used.

b) Current infrastructure needs in the area

2.6.12 The current Borough wide playing pitch needs for the area are presented within Table 2.27. The Playing Pitch Strategy and Action Plan⁷² provides further area based details on existing playing pitch shortfalls in the area, as presented in Table 2.32 below.

⁷¹ South Essex Indoor Built Facilities Strategy, Basildon Strategy and Action Plan, Knight Kavanagh and Page, 2018

⁷² Playing Pitch Strategy and Action Plan, Knight Kavanagh and Page, November 2018

Table 2.32 Current identified area based playing pitch infrastructure needs in the Borough⁷³

Required items	Location	Current demand shortfall	Delivery / potential funding sources
Football	Barleylands	<ul style="list-style-type: none"> • 2.5 youth 11v11 pitches • 0.6 youth 9v9 pitches • 0.08 mini 5v5 pitches 	<ul style="list-style-type: none"> • Basildon Council • Private development • S106 funding • Big Lottery Fund • Sport England • Football Foundation • Rugby Football Foundation
	Basildon	<ul style="list-style-type: none"> • 2 youth 11v11 pitches • 0.25 youth 9v9 pitches 	
Football (3G AGP)	Billericay	2 full size 3G pitches	
Cricket	Billericay	70 match sessions	
Rugby Union	Basildon	4.25 match sessions	

2.6.13 In relation to the current area based needs identified in Table 2.32 above, the Playing Pitch Strategy clarified that adding to the current stock of playing pitches was not recommended as a priority in the short term, stating that most current and future demand could be addressed through quality and access improvements to sites that are used minimally at present. The exception applies in the case of 3G pitches and cricket non-turf pitches where there is a discrete need, or where sites fall out of use and require mitigation.

2.6.14 Lead agencies:

- Basildon Borough Council
- Sports England
- Football Foundation
- Rugby Football Union
- Relevant sport governing bodies

2.6.15 Evidence base:

⁷³ As outlined in the Playing Pitch Strategy and Action Plan, 2018

- Sport England Facility Costs Q2 2021, Sport England, 2021⁷⁴
- Provision of 3G Football Pitches, Ploszajski Lynch Consulting Ltd, 2021
- Authority Monitoring Report 2018/2019, Basildon Council, 2019
- Sport and Leisure Facilities Needs Assessment, Indoor and Built Facilities Needs Assessment, Knight Kavanagh and Page, 2018
- South Essex Indoor Built Facilities Strategy, Basildon Strategy and Action Plan, Knight Kavanagh and Page, 2018
- Playing Pitch Strategy Assessment Report, Knight Kavanagh and Page, 2018
- Playing Pitch Strategy and Action Plan, Knight Kavanagh and Page, November 2018
- Indoor and Built Facilities Basildon Strategy & Action Plan, Knight Kavanagh and Page, November 2018
- Guidance for Outdoor Sport and Play: Beyond the Six Acre Standard, Fields in Trust, 2015

c) Delivering growth allocated in the Local Plan

Provision of additional sports playing pitches related infrastructure

2.6.16 The Playing Pitch Strategy and Action Plan identifies future playing pitch needs in the Borough. These are presented in the following table.

Table 2.33 Future identified area based playing pitch infrastructure needs in the Borough⁷⁵

Required items	Location	Future demand shortfall
Football	Barleylands	<ul style="list-style-type: none"> • 2.5 youth 11v11 pitches • 0.6 youth 9v9 pitches • 0.08 mini 5v5 pitches
	Basildon	<ul style="list-style-type: none"> • 2 youth 11v11 pitches • 0.25 youth 9v9 pitches
	Billericay	<ul style="list-style-type: none"> • 0.3 adult pitch • 1.1 youth 11v11 pitches • 1.25 youth 9v9 pitches • 0.2 mini 5v5 pitches
Football (3G AGP)	Billericay	3 full size 3G pitches
Cricket	Billericay	70 match sessions
Rugby Union	Basildon	4.75 match sessions

⁷⁴ www.activeplacespower.com

⁷⁵ As outlined in the Playing Pitch Strategy and Action Plan, 2018

2.6.17 To calculate the sports playing pitch related infrastructure contributions required from sites allocated in the Local Plan, Sport England recommend the use of the Sports England Playing Pitch Calculator. The Calculator identifies the additional infrastructure requirements based on projected population growth associated with each site. In addition to the Calculator, the conclusions of the Playing Pitch Strategy and Action Plan are used to identify where there is future quantitative or qualitative demand for playing pitches. Sport England recommend that contributions are only sought from those sites where a quantitative or qualitative future demand is identified. The results of this assessment are presented in Table 2.34.

Table 2.34 Projected future demand for playing pitches associated with growth from the Local Plan site allocations, calculated using the Sport England Playing Pitch Calculator

Site	Area	Adult / Youth / Mini Football		Rugby Union		Cricket				Artificial Grass Pitches		Total Estimated Sports Playing Pitch Contributions
		Number of pitches	Capital Cost	Number of pitches	Capital Cost	Number of pitches	Capital Cost	Changing rooms (number)	Changing rooms (capital cost)	Number of pitches	Capital Cost	
H5+	Basildon	1.65	£107,414	0.15	£21,089			0.13	£23,776			£152,279
H6+	Basildon	0.97	£63,087	0.09	£12,387			0.08	£13,966			£89,440
H7	Basildon	0.81	£53,024	0.07	£10,411			0.07	£11,737			£75,173
H8	Basildon	0.63	£40,786	0.06	£8,008			0.05	£9,028			£57,822
H9	Basildon	0.51	£33,293	0.05	£6,537			0.04	£7,369			£47,199
H10	Basildon	0.84	£54,389	0.07	£10,677			0.07	£12,040			£77,106
H11	Basildon	0.96	£62,538	0.09	£12,279			0.08	£13,843			£88,660
H12	Wickford											£0
H13	Wickford											£0
H14	Wickford											£0
H15	Wickford											£0
H16	Billericay	0.53	£34,648	0.05	£6,804	0.02	£6,559			0.03	£31,084	£79,095
H17a	Billericay	1.13	£73,415	0.10	£14,415	0.05	£13,896			0.07	£65,863	£167,589
H17b	Billericay	0.61	£39,414	0.05	£7,739	0.02	£7,460			0.04	£35,356	£89,969
H17c	Billericay	0.73	£47,609	0.06	£9,348	0.03	£9,012			0.04	£42,711	£108,680
H17d	Billericay	1.09	£70,681	0.10	£13,877	0.04	£13,379			0.06	£63,412	£161,349
H18	Billericay	0.42	£27,165	0.04	£5,334	0.02	£5,142			0.02	£24,372	£62,012
H19	Billericay	0.84	£54,389	0.07	£10,677	0.03	£10,295			0.05	£48,795	£124,156
H20	Billericay	0.40	£25,854	0.04	£5,077	0.02	£4,894			0.02	£23,193	£59,018
H21a	Billericay	0.01	£817	0.00	£161	0.00	£155			0.00	£736	£1,869
H21b	Billericay	0.04	£2,729	0.00	£537	0.00	£517			0.00	£2,445	£6,228
H21c	Billericay	0.01	£817	0.00	£161	0.00	£155			0.00	£736	£1,869
H22	Basildon	0.14	£8,972	0.01	£1,762			0.01	£1,985			£12,719
SD3a	Basildon	2.82	£183,571	0.25	£36,043			0.23	£40,635			£260,250

Site	Area	Adult / Youth / Mini Football		Rugby Union		Cricket				Artificial Grass Pitches		Total Estimated Sports Playing Pitch Contributions
		Number of pitches	Capital Cost	Number of pitches	Capital Cost	Number of pitches	Capital Cost	Changing rooms (number)	Changing rooms (capital cost)	Number of pitches	Capital Cost	
SD3b	Billericay	0.08	£5,028	0.01	£989	0.00	£953			0.00	£4,512	£11,482
R2	Basildon	6.94	£452,067	0.62	£88,762			0.56	£100,070			£640,899
R5	Wickford											£0

Notes

Sites presenting this colour are in areas where there are no identified quantitative or qualitative needs identified for new sports pitch infrastructure. Therefore no contributions are required.

Sites presenting this colour are in areas where there are no identified quantitative needs for new sports pitch infrastructure, however there are identified qualitative needs. Needs related to pitch quality are allocated capital costs. Needs relating to changing room facilities are allocated changing room costs.

Sites where a quantitative need is identified are allocated capital costs for pitch improvements only

Provision of indoor sports related infrastructure

2.6.18 Appendix 1 of the Built Facilities Strategy and Action Plan⁷⁶ advocates the use of the Sport England Sports Facilities Calculator⁷⁷ (SFC) to estimate new facilities which will be required to meet future demands for sports facilities. The SFC has been used to identify the demand for new sports facilities arising from population growth from the Local Plan site allocations. The conclusions of the assessment are presented in Table 2.35 below. The Table uses costs identified within the SFC to identify costs of the future indoor sports requirements across the Local Plan strategic allocations.

Table 2.35 Proposed contributions for additional indoor sports infrastructure from sites allocated in the Local Plan

Ref	Indoor Bowls	Sports Halls	Swimming Pools	Total estimated indoor sports contribution
H5	£10,889	£368,553	£404,274	£783,716
H6	£6,395	£216,443	£237,421	£460,259
H7	£5,375	£181,932	£199,565	£386,872
H8	£4,134	£139,919	£153,480	£297,533
H9	£3,375	£114,223	£125,294	£242,892
H10	£5,514	£186,621	£204,709	£396,844
H11	£6,339	£214,567	£235,364	£456,270
H12	£15,161	£513,160	£562,898	£1,091,219
H13	£3,857	£130,541	£143,193	£277,591
H14	£6,893	£233,323	£255,938	£496,154
H15	£4,134	£139,919	£153,480	£297,533
H16	£3,513	£118,912	£130,438	£252,863
H17a	£7,442	£251,891	£276,306	£535,639
H17b	£3,995	£135,230	£148,337	£287,562
H17c	£4,826	£163,364	£179,197	£347,387
H17d	£7,165	£242,513	£266,019	£515,697
H18	£2,754	£93,217	£102,252	£198,223
H19	£5,514	£186,621	£204,709	£396,844
H20	£2,621	£88,715	£97,314	£188,650
H21a	£83	£2,813	£3,086	£5,982
H21b	£277	£9,378	£10,287	£19,942
H21c	£83	£2,813	£3,086	£5,982
H22	£909	£30,760	£33,741	£65,410
SD3a	£18,608	£629,822	£690,867	£1,339,297
SD3b	£510	£17,255	£18,928	£36,693
R2	£45,826	£1,551,110	£1,701,450	£3,298,386
R5	£3,336	£112,910	£123,854	£240,100
Total	£179,528	£6,076,525	£6,665,487	£12,921,540
Notes				
All contributions based on the Sport England Sports Facilities Calculator				

⁷⁶ Indoor and Built Facilities Basildon Strategy & Action Plan, Knight Kavanagh and Page, November 2018

⁷⁷ www.activeplacespower.com

- 2.6.19 The information presented above in Table 2.34 and Table 2.35 is helpful in identifying the likely additional sports related infrastructure provisions and contributions that may be required to support the sports related needs arising from allocations in the Local Plan. However, the Sport England Sports Facilities Calculator and the Playing Pitch Calculator are limited as the calculations are largely based on a projected population growth, and do not consider in detail local contexts such as the capacities of existing surrounding land-uses and facilities, the location, accessibility, and the attractiveness of existing facilities. Further consideration will therefore be required by the Council, developers, and sports related organisations to determine the precise sport infrastructure related needs of the Borough as a result of growth allocated in the Local Plan.
- 2.6.20 The existing deficits identified in *b) Current Infrastructure Needs in the Area* above should be considered within emerging proposals for Local Plan allocations. While the Local Plan allocations are not required to address existing deficiencies, where deficiencies have been identified new development proposals cannot rely on existing sports infrastructure provision. New items will therefore need to be delivered to meet the needs of future new residents.
- 2.6.21 The provision of new sports facilities and future management arrangements will usually be secured through section 106 agreements supporting planning applications. Other funding sources for the provision of infrastructure could include funding from Government, community events, the National Lottery, Sport England, and grant funding from relevant sporting organisations.

Sports infrastructure requirements identified within Local Plan policies

- 2.6.22 The Local Plan evidence base, and previous iterations of the IDP, have informed the production of sports infrastructure requirements listed within relevant site allocation policies of the Local Plan. Table 2.36 below presents the sports infrastructure requirements listed within the Local Plan, which should be considered alongside the identified additional infrastructure needs listed within Table 2.35.

Table 2.36 Sports infrastructure related requirements identified within the Local Plan

Site ref	Sports infrastructure related requirements in the Local Plan
H5	Retention and relocation of sport pitches and supporting facilities
H8	7.8 ha for community sports hub locating facilities from site H5
H11	Provision playing pitches and relocation of pitches from H5
H14	Retention or relocation of existing sports pitches
H17a	Relocation of cricket club from H17b
H17b	Retention or relocation of existing cricket and tennis clubs

d) Next steps

- 2.6.23 As noted in the green infrastructure and open space section, while a large amount of information is available on sports related infrastructure needs in the area, there remain gaps in available information and some existing evidence base documents are now dated. In addition, Covid-19 related restrictions will undoubtedly have had a disruptive impact on the provision and capacity of some sports facilities, for example on smaller health and fitness suite providers and the capacities at which these are permitted to operate at under government guidance on social distancing. While the information presented within this chapter is satisfactory for the purposes of planning for strategic growth, the Local Plan evidence base would benefit from up to date assessments of the existing provision and future needs for sport facilities in the Borough.
- 2.6.24 Sport infrastructure related standards have been used to update and supplement information included within the Local Plan evidence base. These standards are used to provide an indication of the additional infrastructure which would be required to support growth proposed in the Local Plan. Further detailed assessments will therefore be required at the masterplanning and planning application stages to determine the appropriate amount and type of additional sports related infrastructure which should be provided to support proposed growth.
- 2.6.25 While there are shortfalls that have been identified in sports provision, it is highlighted that a large proportion of the deficiencies identified relate to the quality of existing facilities, and it is therefore difficult to identify required projects and estimate infrastructure costings for all Local Plan sites when the infrastructure contributions may relate to improvements to existing facilities rather than new facilities. Basildon Council will therefore continue to work with relevant organisations and developers to improve and refine the information contained within this section.
- 2.6.26 Basildon Council will continue to work closely with relevant infrastructure providers and developers to consider how growth allocated in the Local Plan could assist in providing additional sports facilities, and to consider in greater detail through the masterplanning of sites and the development of planning proposals, the extent, layout, delivery mechanisms, and future management arrangements of new and improved sports related infrastructure.

2.7 Flood Management

a) Context and existing provision

- 2.7.1 Infrastructure provision for flood defence and surface water management includes a range of measures to counteract the risks arising from local flooding. The Flood and Water Management Act (2010) states that local flood risk includes the flood risk from surface runoff, groundwater and ordinary watercourses.
- 2.7.2 Flood defence management is provided by a number of authorities. Essex County Council (ECC) is the Lead Local Flood Authority (LLFA) and is responsible for developing a strategy for flood risk management and relevant monitoring procedures relating to surface water, watercourses, and ground water flood risk. In addition to ECC, the Environment Agency (EA) is responsible for managing flood risk from main rivers or the sea in consultation with BBC, Anglian Water, and the highways authorities. The EA's responsibilities also relate to the management of infrastructure assets which prevent flooding from tidal and fluvial sources.
- 2.7.3 The main risks from flooding in the area are from fluvial flooding of the River Crouch at Wickford, surface water flooding particularly within urban areas, tidal flooding in the south of the Borough, and sewer flooding where failings in the system occur. It is the responsibility of Anglian Water to manage flood risk associated with waste water management related infrastructure.

Flooding from rivers

- 2.7.4 The main rivers within the Borough maintained by the EA are the River Wid, Mountnessing Brook, Dunton Brook, River Crouch, Basildon Brook, Jolly Cricketers Ditch, Nevendon Bushes Brook, Nevendon Brook, Wick Crescent Ditch, and North Benfleet Brook. A number of drainage ditches are also located throughout the Borough.
- 2.7.5 The Borough is protected from fluvial flooding by the presence of flood defences. High Ground protects the areas around the River Crouch and its tributaries. The Washland System, created as part of the development of the Basildon New Town and the urban expansion of Wickford and Billericay, performs a surface water management function for the urban area and helps to reduce fluvial flood risk from receiving watercourses to other areas downstream of the Washlands.

Tidal flooding

- 2.7.6 Southern areas of the Borough are protected from tidal flooding by the Fobbing Horse Flood Barrier in the Vange Creek, and the Benfleet Creek Flood Barrier. Modelling undertaken within the Strategic Flood Risk Assessment (SFRA⁷⁸) suggest that tidal flood waters would only overtop the defences during a 0.1% annual exceedance probability (AEP⁷⁹) event with

⁷⁸ Basildon Borough Council, Level 2 Strategic Flood Risk Assessment, URS Scott Wilson, 2011

⁷⁹ AEP (measured as a percentage) is a term used to describe flood size. It is a means of describing how likely a flood is to occur in a given year. For example, a 1% AEP flood is a flood that has a 1% chance of occurring, or being exceeded, in any one year.

an allowance for climate change to 2110. The South Essex Catchment Flood Management Plan⁸⁰ (CFMP) and the Thames Estuary 2100 (TE2100) Plan policies for this southern area of the Borough are to sustain the current level of flood risk into the future, responding to potential increases in risk from urban development, land use change and climate change.

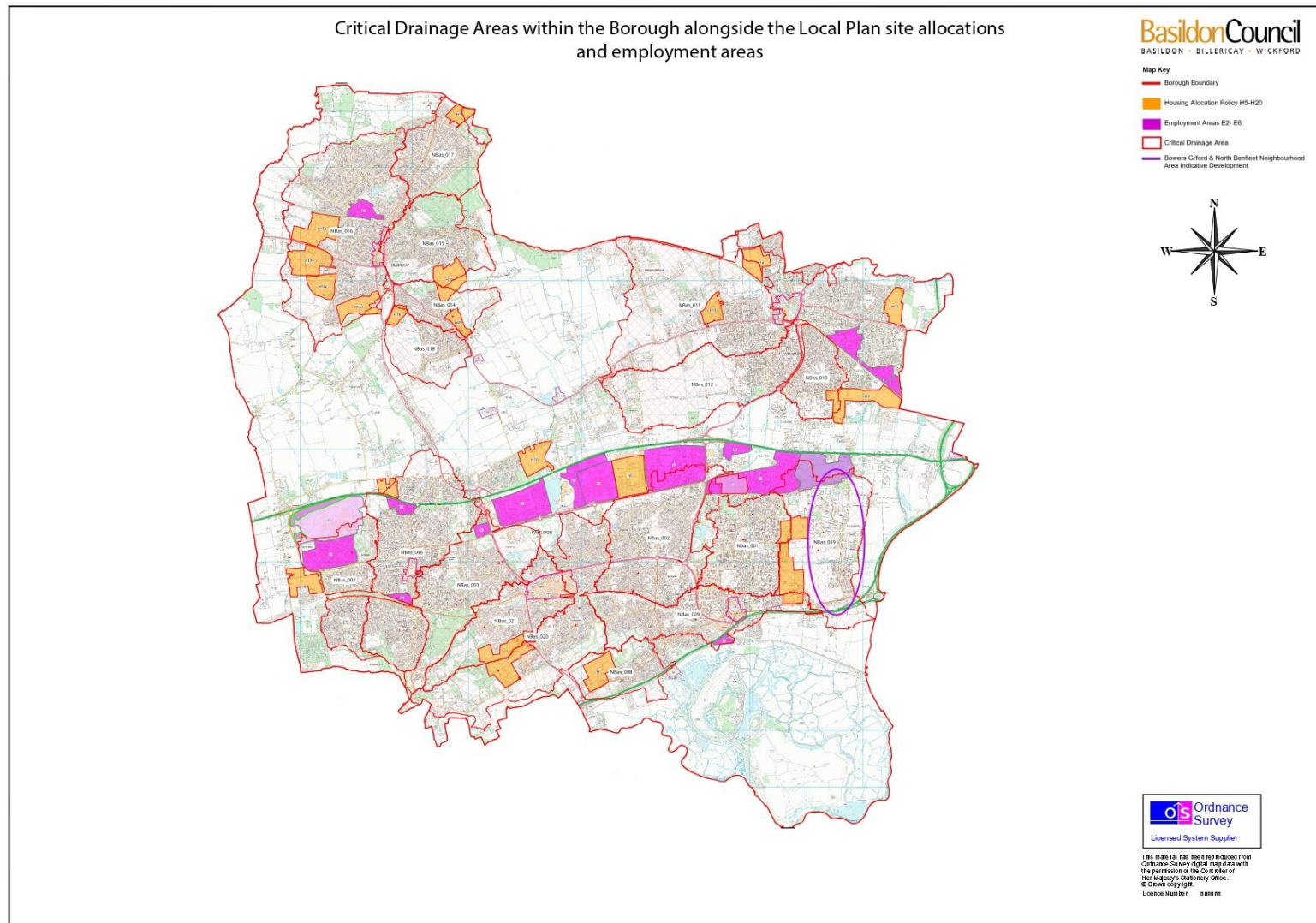
- 2.7.7 The TE2100 Plan sets out the Environment Agency and partners' aspired approach to tidal flood risk management within the Borough. The Plan states that Policy P4 should be applied to the Bowers Marshes area, requiring further action to be taken to keep up with climate and land use change so that flood risk does not increase. In order to achieve this, the Plan for the sea defences and mechanical flood barriers protecting this area will be maintained and improved to respond to future sea-level rise. In the Vange marshes, the Plan proposes to continue with existing or alternative actions to manage flood risk accepting that the likelihood of flooding will increase because of climate change.

Surface water flooding

- 2.7.8 The South Essex CFMP identifies the presence of seasonally wet, deep clay soils across the Basildon study area. These soils are relatively impermeable and therefore contribute to rapid surface water runoff, resulting in a greater risk of surface water flooding and causing watercourses to respond rapidly to rainfall. The SFRA identified the corridors of the River Crouch and River Wid and the topographic tributaries that lead into these watercourses are key areas of risk of surface water flooding in the Borough.
- 2.7.9 ECC assesses and manages surface water flood risk through critical drainage areas (CDAs) established through the Surface Water Management Plan (SWMP). The CDAs are hydraulic catchment areas where surface water flooding could occur to properties and/or infrastructure located within those areas during a severe rainfall event. As presented in Figure 2.8 below, there are 19 CDAs within the Borough, and several Local Plan site allocations are located within at least one CDA.

⁸⁰ South Essex Catchment Flood Management Plan Final Plan, August 2008

Figure 2.8 Critical Drainage Areas within Basildon Borough



b) Current infrastructure needs in the area

2.7.10 The Environment Agency highlight the future rise in river levels due to climate change and structural deterioration of existing flood defence assets as key ongoing challenges currently being considered and addressed. There are funding challenges to deliver important flood management infrastructure assets, and the Environment Agency will continue to seek new or replacement flood risk infrastructure through Central Government Flood Defence Grant in Aid, but in many cases additional Partnership Funding is required to help fully fund new or replacement assets.

2.7.11 Lead agencies:

- Essex County Council
- Environment Agency
- Anglian Water
- Basildon Borough Council

2.7.12 Evidence base:

- South Essex Catchment Flood Management Plan Final Plan, August 2008
- South Essex Outline Water Cycle Study, URS, 2011
- Basildon Borough Council, Level 2 Strategic Flood Risk Assessment, URS Scott Wilson, 2011
- South Essex Surface Water Management Plan, Scott Wilson, 2012
- Thames Estuary 2100 Plan, Environment Agency, 2012
- Preliminary Abnormal Infrastructure Cost Appraisal Report, Pell Frischmann, July 2017
- South Essex Level 1 Strategic Flood Risk Assessment, AECOM, 2018
- South Essex Surface Water Management Plan Update, ECC, 2018
- South Essex Surface Water Management Plan Action Plan, ECC, 2020⁸¹

c) Delivering growth allocated in the Local Plan

Fluvial Flooding

2.7.13 The Level 2 SFRA⁸² identified a number of strategic housing allocations within the Local Plan which are located within areas at risk of flooding. Whilst the location of these sites will require the incorporation of special features such as the need for additional fluvial modelling, restricting the layout options of the site, requiring vulnerable uses to be located above the design flood level, locating less vulnerable uses at ground level, and adding surface water management measures, the SFRA has not identified any specific requirement for additional infrastructure to support the development of these sites.

2.7.14 Consultation with the EA has identified proposed site allocations which are partially located within flood zones 2 and 3. In accordance with national planning policy and guidance, site specific flood risk assessments will be required to accompany development proposals at these locations. In accordance with the sequential approach to flood risk, development within these locations should seek to avoid those parts of the site at greatest risk of flooding.

⁸¹ This document is available on request from ECC

⁸² Basildon Borough Council, Level 2 Strategic Flood Risk Assessment, URS Scott Wilson, 2011

Additionally, measures to reduce or mitigate the flood risk arising from the development at these locations, or elsewhere, will be secured through the development management planning process. Flood Defence and Land Drainage Consents may also be required.

- 2.7.15 Site allocation H17 South West of Billericay is in close proximity to Haverings Grove Brook, and sites allocations H14 and H13 in Wickford are in close proximity to the River Crouch. Development proposals on these sites will therefore need to consider fluvial flood risk mitigation as part of their design.

Surface Water Flooding

- 2.7.16 ECC, as the Lead Local Flood Authority, has also considered each of the Local Plan site allocations and identified that many of the sites would require standard mitigation measures, such as a standard SuDS (Sustainable Drainage System) strategy, to ensure that any development proposals do not exacerbate the existing risk of surface water flooding in the area. It is therefore expected that flood management infrastructure will be incorporated into all emerging development proposals for Local Plan site allocations.
- 2.7.17 ECC has identified that additional mitigation measures would be required on site allocations H7 and H8, as these sites are located in areas with existing surface water flooding issues. Development proposals on these sites would therefore be expected to provide comprehensive SuDS measures.
- 2.7.18 Table 2.37 presents flood mitigation schemes identified by ECC through the Essex Surface Water Management Plan⁸³ and the South Essex Surface Water Management Plan Action Plan⁸⁴ within CDAs, including the estimated costs of delivering the projects, and the Local Plan site allocations located within the identified CDAs. While further project within the CDAs are listed within the Action Plan, the projects identified within Table 2.37 below are most relevant to the delivery of the identified Local Plan site allocations.

Table 2.37 Flood risk management projects identified in the Surface Water Management Plan

Critical Drainage Area	Preferred Options	Estimated Costs⁸⁵	Local Plan site allocations located within the CDA
NBas_001 (Felmore)	SuDS and Green Infrastructure	£210,000 - £400,000	H11 – East of Basildon
NBas_006 (Laindon)	SuDS and Green Infrastructure	£210,000 - £400,000	H9 – Land west of Steeple View, Laindon
NBas_007	SuDS and Green Infrastructure	£210,000-£400,000	H8 West Basildon
NBas_008 (Vange)	SuDS, Green Infrastructure	£220,000 - £500,000	H7a and H7b – Land north and south of London Road, Vange

⁸³ South Essex Surface Water Management Plan, Scott Wilson, 2012 and associated 2018 ECC update

⁸⁴ South Essex Surface Water Management Plan Action Plan, ECC, 2020

⁸⁵ All costs are based on estimates, to be confirmed upon completion of initial assessments

Critical Drainage Area	Preferred Options	Estimated Costs ⁸⁵	Local Plan site allocations located within the CDA
	and Natural Flood Management		
NBas_011 (Wickford Centre)	SuDS, Green Infrastructure, and Flood Alleviation Scheme	£410,000 - £1,000,000	H14 – Land south of Barn Hall, Wickford H15 – Land north of London Road, Wickford
NBas_013 (Cranfield Park)	SuDS, Green Infrastructure and Flood Alleviation Scheme	£410,000 - £1,000,000	H12 – Land south of Wickford
NBas_014 (South Green)	SuDS, Green Infrastructure and Natural Flood Management	£220,000 - £500,000	H18 – Land south of Windmill Heights, Billericay H19 – Land east of Greens Farm Lane, Billericay H20 – Land East of Southend Road, South Green, Billericay
NBas_015 (Sunnymede)	SuDS, Green Infrastructure, and Flood Alleviation Scheme	£410,000 - £1,000,000*	H19 – Land east of Greens Farm Lane, Billericay
NBas_016 (Billericay)	SuDS, Green Infrastructure, Natural Flood Management and Flood Alleviation Scheme	£420,000 - £1,100,000	H17a-d – South West Billericay
NBas_017 (Stock Road)	SuDS, Green Infrastructure, Natural Flood Management and Flood Alleviation Scheme	£420,000 - £1,100,000	H16 – Land north east of Potash Road, Billericay
NBas_018 (Great Bunstead)	SuDS, Green Infrastructure and Flood Alleviation Scheme	£410,000 - £1,000,000	H18 – Land south of Windmill Heights, Billericay
NBas_019 (Bowers Gifford)	SuDS, Green Infrastructure and Flood Alleviation Scheme	£410,000 - £1,000,000	H11 – East of Basildon SD3 Bowers Gifford and North Benfleet Neighbourhood Plan E6 Burnt Mills

Critical Drainage Area	Preferred Options	Estimated Costs ⁸⁵	Local Plan site allocations located within the CDA
NBas_020 (Kingswood)	SuDS, Green Infrastructure, Natural Flood Management and Flood Alleviation Scheme	£420,000 - £1,100,000	H6 – Land north of Dry Street, Basildon R2 Basildon Town Centre Regeneration
NBas_021 (Lee Chapel South)	SuDS, Green Infrastructure, and Flood Alleviation Scheme	£410,000 - £1,000,000	H6 – Land north of Dry Street, Basildon R2 Basildon Town Centre Regeneration
NRoch_005 (New Thundersley)	SuDS, Green Infrastructure and natural Flood Management	£220,000 - £500,000	SD3- Bowers Gifford and North Benfleet Neighbourhood Plan
Total		£5,010,000 – £12,000,000	

2.7.19 The majority of funding for flood risk management infrastructure would come from either ECC or the EA, based on the outcomes of cost-benefit analysis. However, ECC have indicated that, where possible and in accordance with the CIL Regulations⁸⁶, they would be seeking developer contributions to support the delivery of flood mitigation schemes within CDAs. BBC will continue to liaise with ECC through the development management process to consider the need for flood risk management infrastructure projects identified through the South Essex SWMP to be implemented to support the delivery of site allocations within the Local Plan.

2.7.20 High level site specific SuDS costs have been considered within the Preliminary Abnormal Infrastructure Cost Appraisal Report⁸⁷ for Local Plan site allocations H5, H11, and H17. The report used indicative capital costs for a range of Sustainable Drainage Systems, based on the CIRIA SuDS Manual (C697) and calculated high level estimates for the volumes of different storage types required based on the “developable” land within those sites. A similar approach could be undertaken by developers associated with all Local Plan allocations to ensure that costs associated with the provision of SuDS features are appropriately considered.

2.7.21 SuDS features on Local Plan site allocations are expected to be provided predominantly on-site, incorporated into the overall masterplan / design scheme. Costs for the provision of SuDS features are therefore considered to form part of the normal development costs which a developer would expect to pay to bring forward a site. As such, while the costs associated with the provision of SuDS on sites allocated in the Local Plan are not considered further

⁸⁶Regulation 122 of the Community Infrastructure Levy Regulation 2010 (as amended)

⁸⁷ Preliminary Abnormal Infrastructure Cost Appraisal Report, Pell Frischmann, July 2017

within this IDP, the normal development costs of providing SuDs features have been incorporated in the assessment of sites within the Local Plan Viability Assessment.

d) Next steps

- 2.7.22 BBC will continue to work closely with ECC, the EA, and Anglian Water through the delivery of the Local Plan site allocations to ensure that the information contained within the IDP is accurate in relation to flood management projects required to support proposed growth in the area. BBC will continue to work with ECC, the EA, and Anglian Water to ensure that the Council and developers are aware of any additional infrastructure and require developer contributions which may be required to support new development.

2.8 Libraries

a) Context and existing provision

- 2.8.1 The Library Service is statutory (1964 Public Libraries & Museums Act) and is required to provide a comprehensive and efficient service for all residents and persons working and studying in Essex. This statutory requirement is articulated by central Government through its inspection regime. The Library service has increasingly become a shared gateway to other services whilst also for accessing digital information and communications. The Library service reviews its community profiles for existing libraries on a regular basis.
- 2.8.2 Library services are integral to society, helping people to thrive and prosper. They help create great places to grow up, live and work and help people get a good start in life and age well. Libraries have a key role to play in enabling ECC to deliver on its strategic aims, be that through providing spaces and resources to help people in Essex to increase their skills and prosper, or through providing safe, welcoming and stimulating spaces for all users to learn, engage and remain connected to their communities.
- 2.8.3 The Essex Future Library Services Strategy 2019-2024 and the Everyone's Library Service 2022-2026 draft plan⁸⁸ set out the vision for libraries over the next four years. The Strategy includes working with partners, communities, employees, and volunteers to ensure that a modern and fit for purpose library service is provided. The Library Strategy considers investment opportunities in the library service to create new vibrant, modern spaces in towns, villages and suburbs across the county, seeking to bring communities together and helping tackle social isolation and loneliness.
- 2.8.4 ECC is responsible for the network of libraries and mobile library services across the Borough. The main public libraries in the Borough are:
- Basildon Library, Basildon Centre, The, St. Martins Square, Basildon SS14 1EE – open 6 days per week, the facility also features reading and story events for younger readers, Citizens Advice, a CreatorSpace, Jobcentre Plus and Registrations Services.
 - Billericay Library, 143 High St, Billericay CM12 9AB – open 6 days per week, the library also hosts events for younger readers, County Councillor surgeries, Registration Services, Bookstart packs and Citizens Advice.
 - Wickford Library, The Willows, Market Rd, Wickford SS12 0RA – open 6 days per week and features reading and story events for children, Bookstart packs and NHS Hearing Aid maintenance and support sessions.
 - Fryerns Library, Whitmore Way, Basildon SS14 2NN – open 4 days per week and features reading and story events for children.
 - Laindon Library, 5-7 New Century Rd, Basildon SS15 6AG - open 5 days per week and offers Bookstart packs, and reading and story events for children.
 - Pitsea Library, Pitsea Leisure Centre, Pitsea, Basildon SS13 3DU – open 4 days per week, the library also features reading and story events for younger readers.
 - Vange Library, Southview Rd, Basildon SS16 4ET – open 3 days per week, the library offers Bookstart packs.

⁸⁸ Everyone's Library Service 2022-2026 draft plan, ECC, 2021

2.8.5 Lead agency:

- Essex County Council

2.8.6 Evidence base:

- www.gov.uk/government/organisations/department-for-digital-culture-media-sport
- ECC Developers Guide to Infrastructure Contributions, ECC, 2020
- Essex Future Library Services Strategy 2019-2024, ECC, 2019

b) Delivering growth allocated in the Local Plan

2.8.7 In terms of future provision, opportunities for the co-location of services and maximising the use of existing buildings will be encouraged, to respond to the increasingly integrated models of service provision and provision for multi-purpose facilities. There is increasing emphasis on the integration of other forms of community infrastructure, such as libraries and community spaces.

2.8.8 ECC advises that developer contributions will be sought to provide additional facilities where there is expected to be significant growth in population created by development, or where a new community remote from an existing provision is established. The long-term capacity and future requirements across the area will also be taken into account.

2.8.9 Where the increase in projected population more than doubles an existing library catchment area, it is likely that a new facility or building will be required. The level of growth proposed in the Local Plan would not require the provision of a new facility or building. Improvements to library facilities may be required to support growth proposed in the Local Plan, including the expansion of existing buildings and/or furniture, technology and stock.

2.8.10 ECC has advised that it is not possible to accurately determine the build cost or size of current or new provisions at this stage. This will depend on a large number of complex and inter-related factors that can only be resolved at a more advanced stage in the planning process. The ECC Developers Guide⁸⁹ does however identify a cost of £77.80 per dwelling associated with the upgrading of library facilities to accommodate growth. This figure has therefore been applied to strategic sites allocated in the Local Plan in order to identify appropriate contributions towards the improvement of library services and facilities to meet the additional demand from growth in the Borough. Table 2.38 therefore presents the library infrastructure improvement related developer contributions for each strategic site allocated in the Local Plan.

⁸⁹ ECC Developers Guide to Infrastructure Contributions, ECC, 2020

Table 2.38 Development contributions towards library infrastructure improvement for strategic site allocations in the Local Plan

Ref	Location	Local Plan Allocations (remaining dwellings)	ECC Library Contribution(1)
H5+	Land West of Gardiners Lane South, Basildon	790	£61,462
H6+	Land North of Dry Street, Basildon	464	£36,099
H7	Land North of London Road, Vange	390	£30,342
H8	West of Basildon	300	£23,340
H9	Land West of Steeple View, Laindon	245	£19,061
H10	Land East of Noak Bridge, Basildon	400	£31,120
H11	East of Basildon	460	£35,788
H12	Land South of Wickford	1,100	£85,580
H13	Land North of Southend Road, Shotgate, Wickford	280	£21,784
H14	Land South of Barn Hall, Wickford	500	£38,900
H15	Land North of the London Road, Wickford	300	£23,340
H16	Land North East of Potash Road, Billericay	255	£19,839
H17a	South West Billericay	540	£42,012
H17b	South West Billericay	290	£22,562
H17c	South West Billericay	350	£27,230
H17d	South West Billericay	520	£40,456
H18	Land South of Windmill Heights, Billericay	200	£15,560
H19	Land East of Green Farm Lane, Billericay	400	£31,120
H20	Land East of Southend Road, Billericay	190	£14,782
H21a	Land East of Laindon Road, Billericay	6	£467
H21b	Land at Maitland Lodge, Great Burstead, Billericay	20	£1,556
H21c	Land Adjacent to The Mount, Billericay	6	£467
H22	Housing Growth in Crays Hill	66	£5,135
SD3	Bowers Gifford and North Benfleet Neighbourhood Area	1,350	£105,030
SD3	Ramsden Bellhouse Neighbourhood Area	37	£2,879
R2	Basildon Town Centre Regeneration	3,308	£257,362
R5	Wickford Town Centre Regeneration	242	£18,828
Total			£1,012,100
<p>Notes</p> <p>(1) Calculated as contribution of £77.80 per dwelling, as proposed in the ECC Developers Guide to Infrastructure Contributions, ECC, 2020</p> <p>+ This table presents a proposed approach to providing infrastructure contributions prior to any planning approvals on the allocated sites. Sites H5 and H6 have planning approval with agreed S106 contributions. The contributions allocated to sites H5 and H6 will not therefore be provided as indicated within the table. An alternative approach to delivering infrastructure projects associated with sites with extant planning permission is considered within the IDP Implementation and Delivery chapter.</p>			

c) Next steps

- 2.8.11 The Council will work with ECC and developers associated with strategic sites during masterplanning and planning application stages to consider the impacts of the proposed development on local library services. Site specific requirements for developer contributions will therefore be further considered at the planning application stage. The Council will seek to work with ECC to ensure that any proposed improvements to library facilities within the Borough support their long term sustainability and viability.

2.9 Waste Management

a) Context and existing provision

- 2.9.1 Essex County Council is both the Waste Planning Authority (WPA) for Essex and the Waste Disposal Authority (WDA). The WPA is responsible for waste development planning for all waste arising and is required to determine planning applications for waste facilities. The WDA is responsible for making arrangements for the appropriate treatment and disposal of local authority collected waste (LACW). Essex County Council also has a duty to provide accessible facilities to the public for the disposal of their waste, this is currently fulfilled through the provision of a network of recycling centres for household waste (RCHW). ECC works jointly with the twelve Essex authorities, including Basildon Borough Council, in their capacity as waste collection authorities (WCA). The WCAs are responsible for the kerbside collection of waste and recycling, and street cleansing services.
- 2.9.2 The Joint Municipal Waste Management Strategy⁹⁰ (JMWMS) for Essex details the vision for the management of LACW in Essex and is supported by the WDA and WCAs. ECC favours a circular economy approach which promotes resource efficiency, minimises waste and achieves high levels of reuse, recycling and composting. A review of the JMWMS is currently being undertaken by ECC, and is expected to be subject to a consultation process during 2022. The refresh of the JMWMS will ensure alignment with anticipated 2022 regulation changes emerging from the Environment Act 2021.
- 2.9.3 The cost of waste disposal is affected by several factors including waste type, treatment methodology utilised, and the proximity to the disposal facility. Typically the disposal of mixed waste to either landfill or other non-recycling routes would cost in the region of £150 per tonne, however this cost will continue to rise as landfill capacity decreases and the need to meet higher environmental standards come into effect. On average each household in Essex currently produces in excess of a tonne of waste per annum, of which approximately half is recycled or composted and the remainder is sent for disposal.
- 2.9.4 The Essex JMWMS is currently being reviewed to ensure suitable targets are in place beyond 2020 and contribute effectively to the Resource and Waste Strategy for England (2018) target to recycle 65% of waste by 2035 and landfill no more than 10% of waste. ECC is committed to reducing the amount of waste which is sent to landfill, and ECC has recently committed, subject to an affordability and deliverability review, to sending zero waste to landfill by 2030⁹¹. ECC will develop a new Essex JMWMS, in partnership with all Essex local authorities, to support the delivery of the zero landfill policy aspiration and ensure that the future vision and approach for waste in Essex aligns with the Essex Climate Action Commission report 'Net Zero: Making Essex Carbon Neutral'⁹².
- 2.9.5 Pitsea RCHW site is the only Civic Amenity Site⁹³ in Basildon Borough. A separate Basildon Council operated recycling 'bring site' is located at Barleylands. In addition to these main

⁹⁰ Joint Municipal Waste Management Strategy, ECC, 2007

⁹¹ ECC Cabinet Report, Action Plan in Response to the Essex Climate Action Commission's Report, ECC, 2021. Available at: www.essex.gov.uk

⁹² Net Zero: Making Essex Carbon Neutral, Essex Climate Action Commission, 2021

⁹³ As defined under the Environmental Protection Act 1990

sites, recycling banks are located throughout the Borough. Relevant waste management infrastructure includes:

- Recycling centres for household waste
- Waste transfer stations
- Local bulking points and depots for waste and waste operations
- Recycling bring banks

b) Current infrastructure needs in the area

2.9.6 The Pitsea RCHW currently operates above its operational design capacity, as indicated by significant off-site queuing during peak times leading to local congestion impacting users, neighbouring commercial operations and access to surrounding recreational space.

2.9.7 Lead agency:

- Essex County Council (as the Waste Planning Authority and the Waste Disposal Authority)
- Basildon Borough Council (as the Waste Collection Authority)

2.9.8 Evidence base:

- Joint Municipal Waste Management Strategy, ECC, 2007
- ECC Developers Guide to Infrastructure Contributions, ECC, 2020
- Net Zero: Making Essex Carbon Neutral, Essex Climate Action Commission, 2021
- ECC Cabinet Report, Action Plan in Response to the Essex Climate Action Commission's Report, ECC, 2021

c) Delivering growth allocated in the Local Plan

2.9.9 Waste treatment and logistics infrastructure has been developed in Essex to support the delivery of the JMWMS. Development growth will lead to an increase in municipal waste arising, placing operational pressure on local waste treatment and logistics infrastructure. Although existing infrastructure was developed with some capacity to accommodate growth, it is likely that larger scale developments will necessitate the need to expand existing, or develop new, waste management infrastructure.

2.9.10 The existing centralised waste bulking and treatment infrastructure in the area was developed with head room capacity. This flexibility recognises the likely impacts of population growth and social or legislative changes on waste arising and composition. Despite this flexible approach, cumulative impact of development proposed in the Local Plan will erode this headroom capacity and may require the upgrading of existing infrastructure or the development of additional infrastructure.

2.9.11 The RCHW facilities provided for public use operate on a more decentralised local basis and capacity is variable. It has been identified that the Pitsea RCHW is currently operating at or close to capacity at peak times, as are other surrounding RCHW sites outside of the Borough

which also serve local residents. RCHW sites servicing Basildon Borough will be impacted by additional housing proposed through the Local Plan.

- 2.9.12 Proposed growth may also impact on the waste transfer station network and require the expansion and operational investment of existing stations or the development of new ones in the locality.
- 2.9.13 Through the production of the Local Plan growth strategy ECC has not identified any waste management infrastructure projects required to support growth in the area. The ECC Developers Guide to Infrastructure Contributions⁹⁴ advises that developer contributions will be sought towards new and improved waste management infrastructure. The Guide also states that where waste management infrastructure improvements are required, developments of 100 units or more may be asked to contribute through section 106 agreements at a rate of £120 per unit for houses and £90 per unit for flats. The need for new infrastructure will be determined by ECC through an operational needs assessment undertaken on a case by case basis, following an evaluation of infrastructure capacity within the locality prior to development.

d) Next steps

- 2.9.14 The Council will work with ECC and developers associated with strategic sites during masterplanning and planning application stages to consider the impacts of the proposed development on local waste management infrastructure in the area.

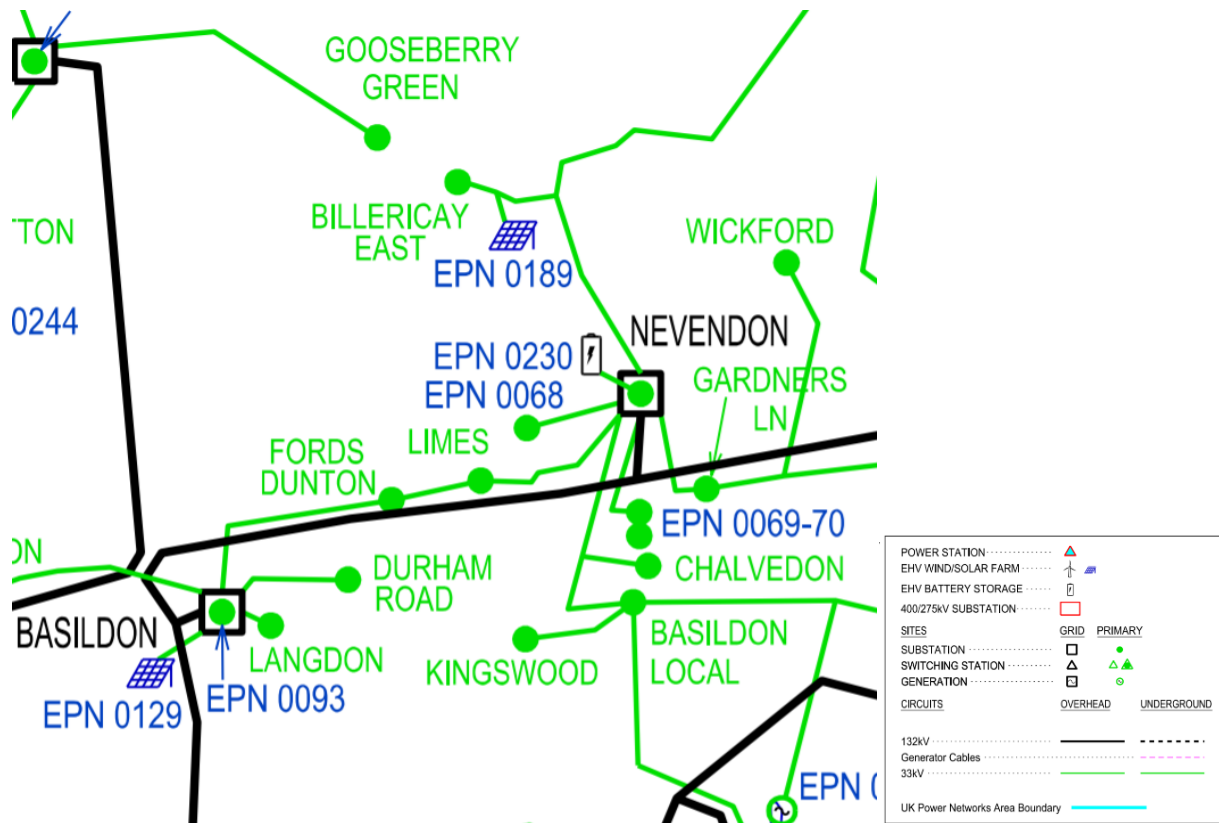
⁹⁴ ECC Developers Guide to Infrastructure Contributions, ECC, 2020

2.10 Utilities - Electricity

a) Context and existing provision

- 2.10.1 Distribution Network Operator (DNO) companies own and maintain electricity cables and lines across the UK. The DNO for the Borough and the south east is UK Power Networks (UKPN). UKPN divide their jurisdiction into three operating areas, Eastern Power Network (EPN), London Power Network (LPN) and South Eastern Power Network (SEPN). Basildon falls within the EPN.
- 2.10.2 Eastern Power Network's distribution network supplies electricity to more than 3.6 million customers over an area of approximately 20,300 square kilometres. This incorporates all the counties of Norfolk, Suffolk, and Hertfordshire, most of Cambridgeshire, Essex and Bedfordshire, parts of Buckinghamshire and Oxfordshire, and the northern suburbs of Greater London. Electricity is taken from National Grid's 400kV and 275kV networks at several 'supergrid' sites. This is then distributed to costumers through a succession of networks operating at various voltages ranging from 132kV down to 400/230V.
- 2.10.3 In Basildon Borough, UKPN grid and primary sub-stations supply the towns and villages at 33kV and to premises within their catchment via smaller sub-stations and a network of underground cables at 11kV. Billericay is supported from two 33/11kV primary substations, Billericay East and Gooseberry Green. To the east of Basildon, including the Bowers Gifford and North Benfleet Neighbourhood Area, there are two 33/11kV primary substations in the wider area, Chalvedon and Thundersley. The north and west of Basildon is supplied from a variety of primary substations including the newly built Langdon Primary Substation located on the Lower Dunton Road, the Limes Primary Substation, and the new substation at Nevendon Grid. There is an existing 33/11kV Primary substation known as Gardiners Lane located at Gardiners Lane South. See Figure 2.9 below for an overview of the UKPN network within Basildon Borough.

Figure 2.9 UKPN Network Plan⁹⁵



b) Current infrastructure needs in the area

- 2.10.4 UKPN, like all regional DNOs, operate a first come, first served basis for electricity. This means that an individual development site may absorb the existing capacity in an electricity substation, requiring further upgrades to be implemented to accommodate further growth in the area.
- 2.10.5 UKPN publish Regional Development Plans (RDP's) for the Eastern Power Networks (EPN) area as part of their submission to OfGEM for the review period between 2015 and 2023. The Rayleigh/Tilbury RDP includes the Basildon area and draws on a range of information from government-based sources, industry specific consultants, development organisations, historical trends and local knowledge. The RDP contains a list of projects which aim to reinforce the network and provide replacement of assets where their condition is expected to require it. These asset replacement projects often also provide additional capacity that assists in managing the demand placed on the network. The RDP makes allowances for growth in the domestic housing market but is unable to speculate on industrial and commercial growth in loads. The RDP does not include any infrastructure needs in the Borough at present (as of 2021).
- 2.10.6 Additionally, as regional DNO UKPN are required to produce Long Term Development Statements (LTDSs) giving detail of the current and future status of their network. This includes load forecasts for the next five years on their 132kV and 33kV equipment. The

⁹⁵ Produced by UKPN, 2021

UKPN last published an updated LTDS in 2021, this does not identify any capacity issues or include any development proposals for the Basildon area.

2.10.7 Lead agencies:

- UK Power Networks (UKPN)

2.10.8 Evidence base:

- Basildon High Level Development Framework, South West Billericay Development Framework, Pell Frischmann, 2017
- Basildon High Level Development Framework, East Basildon Development Framework, Pell Frischmann, 2017
- Basildon High Level Development Framework, Gardiners Lane Development Framework, Pell Frischmann, 2017
- Regional Development Plan – 19, UKPN, 2014
- Long Term Development Statement (LTDS), UKPN, 2021
- RIIO-ED2 Business Plan 2023 – 2028, UKPN, 2021

c) Delivering growth allocated in the Local Plan

2.10.9 The UKPN Rayleigh/Tilbury RDP does not match the plan period for the Local Plan, but there is sufficient information available to assess the extent of additional infrastructure which may be required to support Local Plan growth.

2.10.10 The Council has published High Level Development Frameworks for three of the key growth areas which provide additional information on utility infrastructure that is summarised in the following sections alongside information provided by UKPN. The level of mitigation / additional infrastructure that may be required to support the delivery of Local Plan site allocations has been assessed using a Red, Amber, Green (RAG) assessment. Red represents a high level of mitigation / additional infrastructure required, amber represents a medium level of investment required, and green represents a situation where existing or planned capacity will be available to accommodate the Local Plan growth within the area.

Billericay

2.10.11 Whilst there is some headroom within the existing substations for development to occur, it is not sufficient to support all the proposed development in Billericay and therefore some mitigation will be required. The extra demand generated through the Local Plan could be met by the replacement of one transformer at Billericay East and sharing of demands between the two substations. Additional demand could be met by reinforcing the substation at Gooseberry Green with two replacement transformers. Due to the need for mitigation the site allocations within Billericay are designated as amber in the RAG assessment.

Wickford

2.10.12 Wickford is supplied mainly from one primary substation known as Wickford Primary. This is a heavily loaded substation and it is planned that the new Primary Substation at Nevendon Grid will also provide support to Wickford via new 11kV circuits connecting the two

substations. On completion this should be sufficient to meet the number of new dwellings allocated in the area, though if necessary the transformers at Wickford can also be replaced along with the circuits to the substation. Wickford site allocations have therefore been designated a green RAG assessment rating.

Basildon

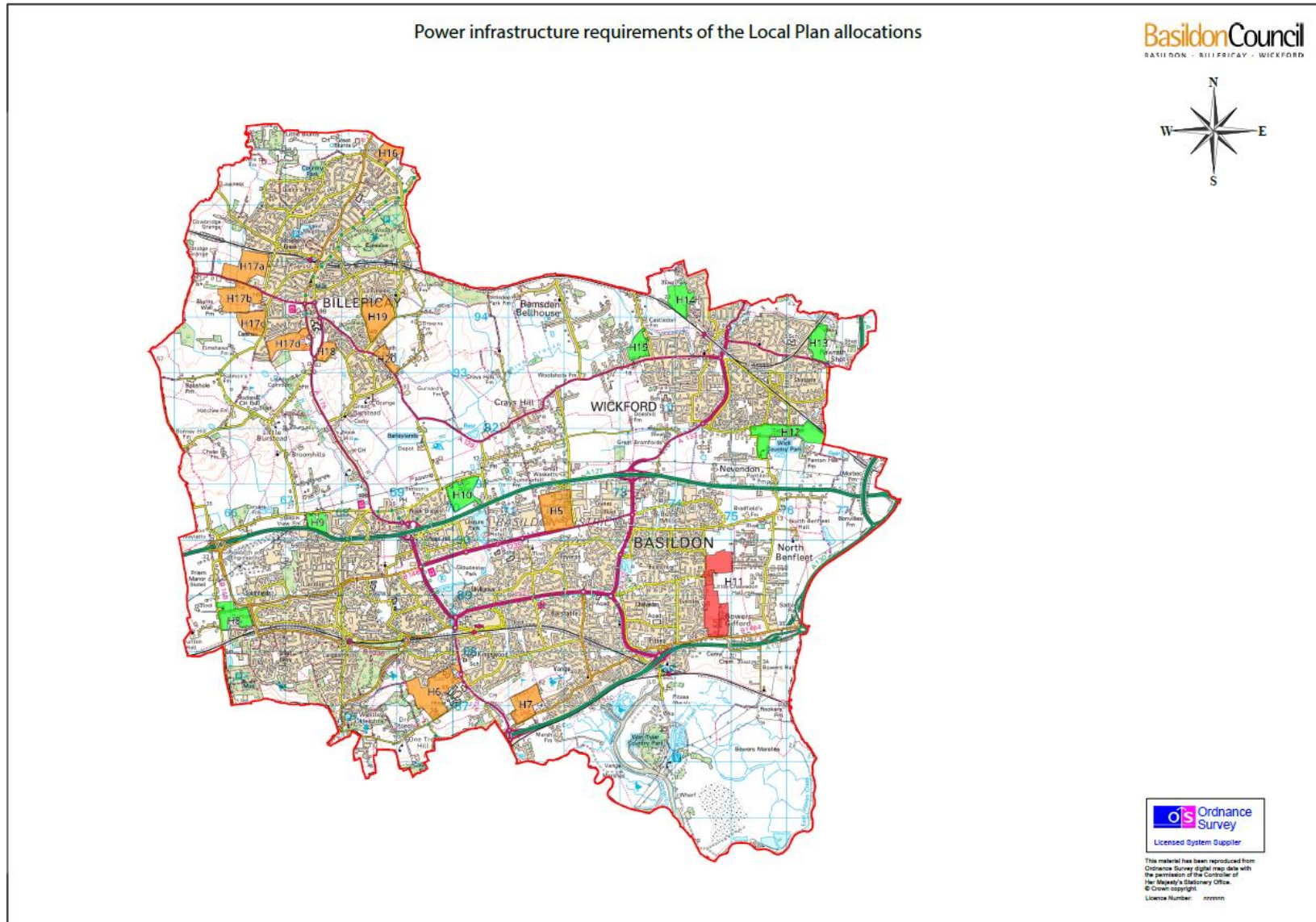
- 2.10.13 To the east of Basildon, including the Bowers Gifford and North Benfleet Neighbourhood Area, there are two 33/11kV primary substations in the wider area, Chalvedon and Thundersley. However, there is not sufficient headroom between these two substations to meet the proposed demand within the area and major reinforcement will be required. Mitigation measures include a new 33/11kV substation that would be expected to be located within one of the development areas (approximately 30 x 4m). This may be connected at 33kV initially to the Rayleigh Grid network which will require reinforcement, and later on transferred to a new 132/33kV substation in Basildon, which may be needed as there is expected to be insufficient 33kV capacity on the Nevendon and Rayleigh 132/33kV substations to support the full projected demand across the plan period. The site allocation and Neighbourhood Area to the east of Basildon have therefore been given a red RAG assessment rating.
- 2.10.14 The south of Basildon is served mainly by one primary substation and whilst this is heavily loaded, development could be accommodated by sharing the load between two primary substations in the area which would not require any major reinforcement. As some mitigation is required, the sites are designated as amber.
- 2.10.15 The north and west of Basildon is supplied from a variety of primary substations including the newly built Langdon Primary Substation located on the Lower Dunton Road, the Limes Primary Substation, and the new substation at Nevendon Grid. These are expected to be capable of meeting the predicted level of growth in the Local Plan. Therefore, the site allocations within this area of Basildon are designated as green.
- 2.10.16 The 33/11kV primary substation at Gardiners Lane has some headroom which would be able to support the first phases of the development. Beyond this headroom it is envisaged that the Gardiners Lane substation could be reinforced, however due to the need for mitigation the site is designated as amber. Alternatively, a new 33/11kV substation could be used to service the development still fed from Nevendon Grid substation, this would require a parcel of land set aside for it (approximately 30 x 40m).
- 2.10.17 UKPN have also noted that there may be a requirement for a new grid primary (132/33kV) substation in the Basildon area to meet overall loads and demand on the 33kV network. Whilst this is identified there is no certainty of this requirement and, it has therefore not been considered when assessing the site allocations at this point in time.
- 2.10.18 Site specific connections and the necessary supporting infrastructure must be provided as part of the early construction phases of development, and the provision of this will be the responsibility of the developer in conjunction with the infrastructure provider.

2.10.19 UKPN are responsible for building, operating, and maintaining their electricity infrastructure network. The provision of upgrades and additional infrastructure to support growth allocated in the Local Plan will therefore be managed by UKPN.

d) Next steps

2.10.20 To support the delivery of sites where the RAG rating has identified a rating of red and amber, the Council will liaise with developers and the UKPN to ensure that the delivery of any required mitigation or additional infrastructure can be provided in order to support the delivery of Local Plan growth as outlined within the housing trajectory.

Figure 2.10 RAG assessment of the need for additional power related infrastructure



2.11 Utilities- Gas

a) Context and existing provision

2.11.1 Cadent Gas owns, operates and maintains the largest natural gas distribution network in the county, and is one of eight gas distribution networks which cover separate geographical regions of Great Britain. Cadent is responsible for the National Transmission System (NTS) which covers the East of England, North West, West Midlands, and North London, providing gas services to a diverse range of customer and stakeholder groups.

b) Current infrastructure needs in the area

2.11.2 There are no infrastructure needs reported in the Basildon Borough in any Cadent publication documents.

2.11.3 Lead agency:

- Cadent Gas

2.11.4 Evidence base:

- Long-Term Development Plan 2021 (Cadent, 2021)
- Business Plan 2021 – 2026 (Cadent, 2019)

c) Delivering growth allocated in the Local Plan

2.11.5 Cadent Gas has reported that development proposals within the Borough are unlikely to have a significant effect upon its gas transmission infrastructure given the scale of the transmission networks in the area. Gas is available for all site allocations in the Local Plan. However, as the Cadent connections process works on a first-come first-served basis, there is no guarantee that sufficient capacity will be available at the time that an official connections request is sent in.

2.11.6 Cadent are responsible for building, operating, and maintaining their gas transmission infrastructure. Detailed information regarding connection costs and infrastructure upgrades cannot be provided until a formal connection request has been sent in with definitive connection locations. When a request for a supply is received, developers are quoted a Connection Charge. If the connection requires reinforcement of the network, then a Reinforcement Charge may also be applied. These are standard development costs which will have been considered by developers when taking forward development proposals. It is not anticipated that there will be any abnormal costs associated with connecting new development in the Borough to the gas network.

d) Next steps

2.11.7 Through the Local Plan, the Council will continue to keep Cadent informed on the strategic growth strategy for the Borough, to consider how this may impact infrastructure owned and managed by Cadent now and in the future.

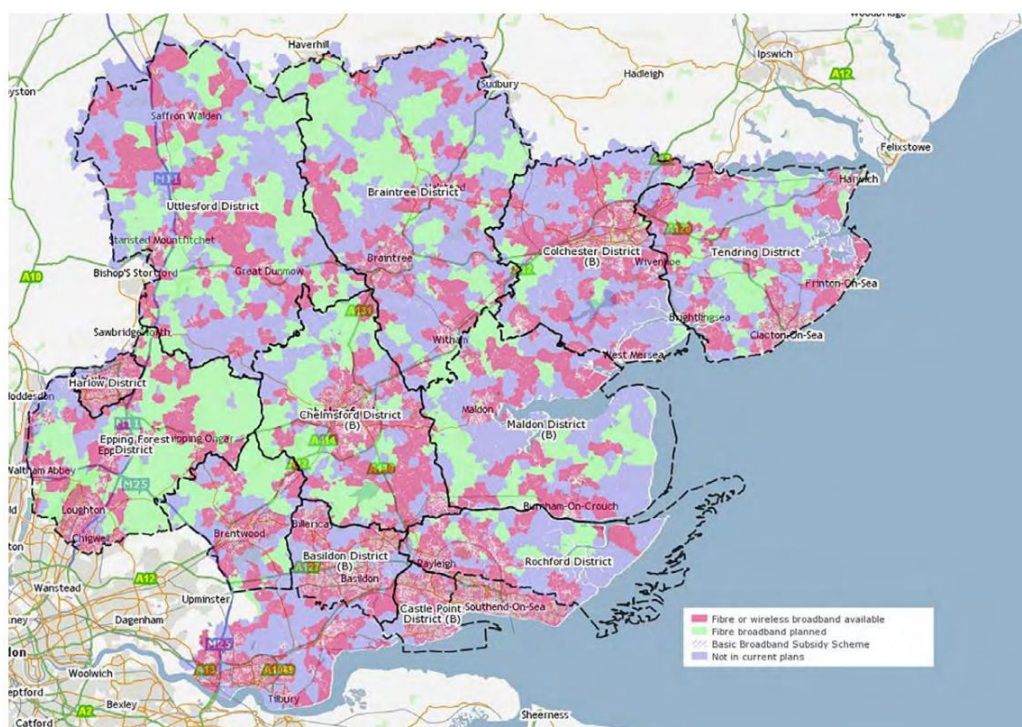
2.12 Utilities – Communications

a) Context and existing provision

2.12.1 The NPPF (2021) states that ‘advanced, high quality communications infrastructure is essential for sustainable economic growth and social well-being’ (paragraph 10). The development of high-speed broadband technology and other communication networks plays a vital role in enhancing the provision of local community facilities and services.

2.12.2 The Greater Essex Growth and Infrastructure Framework (GIF⁹⁶) outlined broadband provision throughout Greater Essex. Figure 2.11 below shows that the majority of Basildon Borough has fibre or wireless broadband available, but some areas were ‘not in current plans’ to improve provision when the framework was published. Further investment has therefore been sought towards superfast broadband in Basildon Borough and across Essex.

Figure 2.11 Superfast Broadband Coverage across Essex⁹⁷



⁹⁶ Greater Essex Growth and Infrastructure Framework 2016-2036, ECC, 2017

⁹⁷ Greater Essex Growth and Infrastructure Framework 2016-2036, ECC, 2017

- 2.12.3 Superfast Essex is a broadband improvement programme led by Essex County Council (ECC), as part of a national programme to enable 95% of the Essex population to be able to access superfast broadband (speeds of 30Mbps for future implementations and above) by 2020. Whilst the current rollout programme is termed 'superfast broadband', the ECC acknowledges that for the provision of future broadband infrastructure this term should also be considered to refer to 'ultrafast broadband' to reflect the Governments next roll out initiative and to distinguish the standards for new provision from the 'standard broadband' which is not considered fast enough.
- 2.12.4 The first phases of the superfast contract were setup through an approach termed 'gainshare', whereby if the take-up of services exceeded projection levels then re-investment money would be available. Take-up was higher than anticipated, resulting in further phases of intervention. Phase 4a of the programme was launched in September 2017 and the contract covering Basildon Borough was awarded to Openreach and was completed in June 2021⁹⁸. This programme has enabled an increased number of businesses and residents in the Borough that are able to access superfast broadband speeds (upwards of 30Mbps).
- 2.12.5 Superfast broadband connection speeds in the Borough are generally good. South Essex has already benefited from the BT telephone exchanges being upgraded to accommodate high speed fibre optic 'fibre to the cabinet' (FTTC) broadband connection. Network speeds shows that broadband connection speeds in the Borough are high, with a 92.8% fibre based coverage.

b) Current infrastructure needs in the area

- 2.12.6 There is now an increased emphasis on improving broadband speeds further by providing fibre to properties, reducing the need for copper wiring which otherwise inhibits speeds. Additionally, rural communities around Crays Hill and Ramsden Bellhouse do not have access to fibre broadband requiring the network to be extended. There is also a need within the Borough to improve access to superfast broadband for businesses in the A127 Enterprise Corridor where there is limited fibre broadband connectivity.
- 2.12.7 As of May 2019, superfast commercial coverage extended to 72,843 premises, while Superfast Essex has provided superfast coverage to 4,797 premises. Superfast Essex have also planned for a further 2,023 premises to be connected in the future. In 2020 the forecasted superfast coverage was proposed to be 96.9% of all premises across the Borough, leaving the number of premises not served by broadband at around 2,566. Superfast Essex will seek public investment to deliver further intervention beyond the 96.9%.

- 2.12.8 Lead agencies:

- Virgin Media
- Openreach
- Essex County Council: Superfast Essex

⁹⁸ www.superfastessex.org/about/the-programme/

2.12.9 Evidence base:

- Greater Essex Growth and Infrastructure Framework 2016-2036, ECC, 2017

c) Delivering growth allocated in the Local Plan

2.12.10 Whilst intervention through the Superfast Programme will seek to address existing building stock, new proposed planning policies are to be put in place to secure broadband infrastructure as part of new developments prior to occupation, to enable new residents and businesses to be connected to the service as soon as they move in. This approach will be reliant on the willingness of statutory undertakers to install their networks to the same timescales as the proposed housing delivery. Discussions are continuing with broadband providers (principally BT and Virgin) and Superfast Essex to ensure better access can be provided through plan making and intervention.

2.12.11 Through Local Plan consultation, both Virgin Media and Openreach have advised Basildon Borough Council that broadband services will be provided wherever there is a demand, and Openreach will supply fibre to premises for superfast broadband for free on any development proposals of 30 dwellings or more. The majority of sites allocated in the Local Plan will therefore be provided with superfast broadband without the need for additional intervention or investment beyond standard installation costs.

2.12.12 For premises that require intervention, the anticipated cost assumptions made by the Superfast Essex programme is £500 per premises. However, these are premises that do not already have access to superfast broadband and in many cases are considered to be hard to reach areas. All site allocations within the Local Plan are located close to existing built up areas, and are therefore unlikely to require significant intervention to ensure the provision of superfast broadband.

2.12.13 Communications connection costs are standard development costs which will have been considered by developers when taking forward development proposals. It is not anticipated that there will be any abnormal costs associated with connecting new development in the Borough to communications networks.

d) Next steps

2.12.14 Through the Local Plan, the Council will continue to keep the identified lead agencies informed on the strategic growth strategy for the Borough, to ensure planned growth is appropriately supported by communications infrastructure which will meet the future needs of residents.

2.13 Utilities - Water supply and wastewater management

a) Context and existing provision

- 2.13.1 Wastewater treatment refers to the treatment of both domestic and commercial wastewater, including from toilets, baths, washing machines, and industrial processes. Where there are combined sewerage systems this can also include rainwater run-off from roads and other impermeable surfaces such as roofs and pavements. If left untreated, wastewater can cause contamination and significant adverse impacts on the water environment, including oxygen depletion, eutrophication of water as a result of the build-up of nutrients, and sewage litter. Wastewater is treated for appropriate disposal at water recycling centres (WRC).
- 2.13.2 Anglian Water Services Ltd (AWS) is the statutory sewerage undertaker for the Borough, and Essex and Suffolk Water supply potable water⁹⁹. The Water Services Regulation Authority (Ofwat) is the economic regulator of water and sewerage companies in England and Wales. The water and sewerage companies are required to submit an asset management plan (AMP) / Business Plan every five years to Ofwat. The plan sets out what is needed to maintain its assets, improve services to customers, and manage its impact on the environment. The current AMP / Business Plan covers the period 2020-2025. Any infrastructure requirements which arise after agreement of the five-year Plan will normally be considered within the following period.
- 2.13.3 Reservoirs at Hanningfield and Abberton provide potable water for the area. WRCs which service the Borough are located at north Basildon discharging into Pitsea Creek, east Wickford discharging into the River Crouch, Pitsea Marsh discharging into Vange Creek, south Benfleet adjacent to East Haven Creek, Shenfield / west Billericay adjacent to the River Wid, and east Billericay.
- 2.13.4 The Environment Agency, as the competent authority for the implementation of the Water Framework Directive (WFD), reviews the potential impacts of new development in the area on the condition of surface and groundwater watercourses and bodies. The EA will consider the impacts of new development proposals to determine if any detrimental impacts require the production of a WFD compliance assessment.
- 2.13.5 Lead agencies:
- Anglian Water
 - Essex and Suffolk Water
 - The Water Services Regulation Authority (Ofwat)
 - Environment Agency
- 2.13.6 Evidence base:
- The South Essex Outline Water Cycle Study, URS, 2011

⁹⁹ Potable water is commonly referred to as drinking water

- Our Plan 2020-2025, Anglian Water, 2018
- Living Water, Our Plan 2020-25 and beyond, Essex and Suffolk Water, 2019

b) Delivering growth allocated in the Local Plan

- 2.13.7 The South Essex Outline Water Cycle Study¹⁰⁰ identifies that there will be sufficient capacity at Abberton reservoir to provide additional water resources required for growth within the Borough. This position has been confirmed through consultation on the emerging draft Local Plan growth strategy with Essex and Suffolk Water.
- 2.13.8 The proposed strategic allocations within the Local Plan will have an impact on the existing wastewater network. The need for infrastructure improvements will be dependent on the location, size and phasing of the development. All sites will require a local connection to the existing sewerage network which may include the need for network upgrades. To enable new developments to connect to existing infrastructure, local connections and sewer reinforcements would be funded by developers through the provisions of the Water Industry Act (1991). Anglian Water, as the statutory undertaker, is responsible for any necessary upgrades to the WRCs to accommodate the requirement of growth proposed in the Local Plan. Upgrades to the WRC are usually planned and funded through AMP.
- 2.13.9 The Council has engaged with Anglian Water throughout the production of the Local Plan, and Anglian Water has previously provided a Red, Amber, Green (RAG) assessment¹⁰¹ of the growth locations in the Borough. The assessment concluded that all Local Plan site allocations will require some form of mitigation to support growth. In addition, the assessment identified that:
- Site allocation H13 is in close proximity to an existing WRC, proposals for the development of this site would therefore need to consider the inclusion of a 'buffer' area to the north of the site to allow for the dispersion of odours from the WRC.
 - The WRC network predominantly has capacity to accommodate growth allocated in the Local Plan. Large scale growth in the Billericay area may require capacity upgrades to WRCs services the area.
 - All developments of over 10 dwellings in size are expected to require upgrades to the foul sewerage network, to be determined in more detail at the planning application stage.
 - All sites should seek to manage surface water through on site sustainable drainage systems (SuDS), using a connection to the sewer system as a last resort.
- 2.13.10 The EA have reviewed the Local Plan growth strategy in relation to the capacity of the receiving environment where WRCs discharge. The EA identified that the Billericay WRC system would be close to capacity, and it may therefore be necessary to connect some sites to other sewer catchments, requiring additional infrastructure improvements. There is also limited additional capacity in the WRC systems in Wickford and Basildon, requiring upgrades to be provided accommodate growth allocated in the Local Plan. The delivery of growth will

¹⁰⁰ The South Essex Outline Water Cycle Study, URS, 2011

¹⁰¹ Red is applied to sites where significant infrastructure improvements or mitigation will be required to support growth, amber is applied where sites will require some form of mitigation, and green is applied where existing infrastructure can accommodate growth and therefore no mitigation is required.

therefore need to be phased alongside associated WRC system infrastructure improvements.

2.13.11 Consultation with the EA has identified that development proposals for site allocations H17a and H13 would be likely to require the production of a WFD compliance assessment. Site allocation H17a is located close to Haverings Grove Brook, where concerns regarding phosphate levels could be exacerbated by additional development nearby. Site allocation H13 is in close proximity to the River Crouch, where concerns regarding invertebrate and phosphate levels may also be exacerbated by additional new development nearby.

2.13.12 The potable and wastewater industries have their own well established mechanisms for funding infrastructure to support growth¹⁰², which is managed through the development management process. The cost and extent of the required network improvements are investigated and determined when Anglian Water and Essex and Suffolk Water are approached by a developer, and an appraisal is carried out. Therefore, specific infrastructure projects and developer contributions associated with potable water supply and wastewater management will not be detailed within this IDP.

c) Next steps

2.13.13 Site specific connections to potable water supply and the wastewater network, and the necessary supporting infrastructure, will be phased accordingly to support the delivery of new development. The appropriate phasing of infrastructure upgrades will be managed and agreed with the relevant infrastructure providers. The Council will liaise with developers and relevant infrastructure providers through the development management process to monitor the phasing and delivery of infrastructure improvements which support the delivery of growth as proposed within the Local Plan growth strategy.

¹⁰² Through the provisions of the Water Industry Act (1991)

3 Implementation and Delivery

3.1 Infrastructure Funding Gap

- 3.1.1 An infrastructure funding gap is the cost of infrastructure required in the Borough which has not received any funding. An infrastructure funding gap is used to demonstrate the need for additional infrastructure funding.
- 3.1.2 The Infrastructure Schedule in Section 4 identifies that the total cost of all infrastructure projects presented in this IDP is £345 million. Section 106 contributions from sites allocated in the Local Plan are estimated to provide around £290 million towards infrastructure in the Borough. The majority of infrastructure required to support growth allocated in the Local Plan is proposed to be funded through section 106 contributions.
- 3.1.3 Infrastructure projects which are not related to growth allocated in the Local Plan and are therefore not proposed to be funded through section 106 contributions, and where no funding has been received or where no definitive funding source has yet been identified, are presented within the infrastructure funding gap. The Infrastructure Schedule in Section 4 identifies an infrastructure funding gap of around £55 million.
- 3.1.4 The exact costs of all infrastructure requirements are not known at this time. It is therefore likely that, taking into account infrastructure items which cannot be costed at this time and accepting that identified infrastructure costs within this IDP are predominantly high level estimates to be refined further as future development proposals are progressed, the infrastructure funding gap for the Borough will be higher than total presented in the Infrastructure Schedule.

3.2 Seeking additional funding for infrastructure projects

- 3.1.5 As outlined above, a large proportion of funding for infrastructure projects will be provided through section 106 contributions. However, due to the restrictions associated with the CIL Regulation 122, and in some circumstances due to viability constraints associated with development proposals, section 106 contributions cannot be sought to fund all infrastructure projects. In this instance, additional funding sources will be required to support the delivery of infrastructure projects. There are a wide range of funding sources which are available, in addition to section 106 contributions, which can support the delivery of new and improved infrastructure in the Borough.
- 3.1.6 A potential additional infrastructure funding mechanism available to the Council is the Community Infrastructure Levy (CIL). The CIL is a locally set charge on new development which the Council can choose to introduce. The Levy is based on the size and type of development and once set is mandatory to pay and non-negotiable. The Levy can be introduced alongside the ongoing use of section 106 agreements, and is particularly beneficial in obtaining infrastructure contributions from development proposals where section 106 contributions may not ordinarily be required. The Council will consider the introduction of a CIL Charging Schedule following the adoption of the Local Plan.
- 3.1.7 Where funding through section 106 contributions and/or the CIL may not be available to support the delivery of infrastructure, the Council will engage with a range of groups and

organisations in the region and within Government which can be influential in seeking support and funding for infrastructure. These may include:

- Essex County Council
- A127 Task Force
- Association of South Essex Local Authorities (ASELA)
- Opportunity South Essex
- South Essex Local Enterprise Partnership (SELEP)
- Government Departments

3.1.8 These organisations manage a range of potential sources of funding which may be appropriate for infrastructure projects within the Borough. Such funding sources are likely to be through a competitive bidding process, which may require the Council to collaborate with a range of relevant organisations in order to develop successful infrastructure funding bids. Such direct funding sources may include:

- Essex County Council Capital Budget
- Road Investment Strategy (Department for Transport and Highways England)
- Local Growth Fund, secured through SELEP
- Growing Places Fund, managed through SELEP
- Sector Support Fund, managed through SELEP
- Active Travel Fund
- Home Building Fund

3.1.9 In addition, there may be an opportunity to seek ‘specialist funds’ for topic specific projects, for example seeking funding from the Heritage Lottery Fund, the Football Foundation, and Sports England. Where relevant, potential specialist funding opportunities are identified throughout the infrastructure sections of this IDP. The appropriateness of identified potential funding sources depends on the projects being considered, the amount of funding available through the sources, and the amount of funding required for the project.

3.3 Infrastructure costs for sites allocated in the draft Local Plan

Where the costs for providing infrastructure can be identified and appropriately apportioned between sites allocated in the Local Plan, this has been presented within each infrastructure section above.

Table 3.1 below presents a summary of the infrastructure costs which have been attributed to each site allocated in the Local Plan, presented by infrastructure type and a total for the site.

3.1.10 Table 3.1 also presents the overall infrastructure costs for each site allocation as a per dwelling calculation¹⁰³. This provides a useful comparative tool to consider the overall infrastructure demands associated with each site.

¹⁰³ Calculated by dividing the number of dwellings allocated on the site with the total infrastructure cost.

Table 3.1 Summary of infrastructure costs for Local Plan site allocations identified within the IDP

Site ref	Transport	Education	Healthcare	Libraries	Open space and sports	Site total	Cost per dwelling
H5	£4,526,219	£10,446,413	£390,123	£61,462	£1,865,449	£17,289,666	£21,886
H6	£3,942,161	£6,005,048	£229,136	£36,099	£1,095,606	£11,308,050	£24,371
H7	£4,327,420	£4,791,278	£192,593	£30,342	£920,889	£10,262,521	£26,314
H8	£4,275,000	£3,601,180	£148,148	£23,340	£708,312	£8,755,980	£29,187
H9	£1,563,076	£2,940,964	£120,988	£19,061	£578,339	£5,222,428	£21,316
H10	£2,494,134	£4,914,131	£197,531	£31,120	£944,559	£8,581,474	£21,454
H11	£3,559,973	£6,185,173	£227,160	£35,788	£1,086,131	£11,094,225	£24,118
H12	£15,278,236	£14,545,638	£543,210	£85,580	£2,385,394	£32,838,058	£29,853
H13	£4,834,460	£3,361,101	£138,272	£21,784	£607,017	£8,962,634	£32,009
H14	£6,440,107	£6,001,967	£246,914	£38,900	£1,084,416	£13,812,303	£27,625
H15	£4,044,064	£3,601,180	£148,148	£23,340	£650,490	£8,467,222	£28,224
H16	£3,380,000	£3,061,003	£125,926	£19,839	£631,972	£7,218,740	£28,309
H17a	£7,934,489	£7,140,586	£266,667	£42,012	£1,338,551	£16,722,305	£30,967
H17b	£4,261,115	£3,834,759	£143,210	£22,562	£718,723	£8,980,368	£30,967
H17c	£5,142,724	£4,628,158	£172,840	£27,230	£867,850	£10,838,801	£30,968
H17d	£7,640,619	£6,876,120	£256,790	£40,456	£1,288,838	£16,102,823	£30,967
H18	£1,061,053	£2,400,787	£98,765	£15,560	£495,539	£4,071,704	£20,359
H19	£1,150,000	£4,801,573	£197,531	£31,120	£991,609	£7,171,833	£17,930
H20	£760,000	£2,280,747	£93,827	£14,782	£471,207	£3,620,564	£19,056
H21a	TBC	£0	£2,963	£467	£14,910	£18,340	£3,057
H21b	TBC	£240,079	£9,877	£1,556	£49,700	£301,211	£15,061
H21c	TBC	£0	£2,963	£467	£14,910	£18,340	£3,057
H22	£125,000	£462,320	£32,593	£5,135	£155,779	£780,827	£11,831
SD3a	£3,907,459	£17,851,465	£666,667	£105,030	£3,187,853	£25,718,473	£19,051
SD3b	£125,000	£444,146	£18,272	£2,879	£91,706	£682,002	£18,432
R2	£100,000	£34,628,926	£1,633,580	£257,362	£7,831,223	£44,451,092	£13,437
R5	TBC	£2,475,095	£119,506	£18,828	£524,819	£3,138,248	£12,968
E4	£1,125,000	£0	£0	£0	£0	£1,125,000	n/a
E5	£2,483,333	£0	£0	£0	£0	£2,483,333	n/a
Total	£94,480,642	£157,519,836	£6,424,198	£1,012,100	£30,601,789	£290,038,564	

3.4 Consideration of Local Plan site allocations with existing planning permission

3.1.11 All sections within this IDP have considered the distribution of development contributions towards new and improved infrastructure without taking into account the existence of any planning approvals on the Local Plan site allocations. The IDP therefore presents the baseline preferred approach for the delivery of infrastructure, which the Council would seek to progress in the first instance.

3.1.12 Local Plan sites allocations H5 and H6 have already obtained planning permission. Site H5, land west of Gardiners Land South in Basildon, was granted permission in October 2021 for a hybrid planning application¹⁰⁴ (part detailed/part outline) for mixed use development comprising up to 700 new market and affordable homes, new commercial floorspace space, land for a new school, a new sporting community hub (including main stadia pitch, new artificial 3G pitch, playing pitches and new club house pavilion), public open space, landscaping, sustainable urban drainage areas, new roads and highway works, car and cycle parking and associated infrastructure. The detailed element of the approval comprised 74 new homes with required infrastructure including Gardiners Close road widening and access improvements to Gardiners Lane South, new sustainable drainage areas, public open space and a wider road network linking the site north and south.

3.1.13 Site H6, land north of Dry Street in Basildon, was granted outline planning permission¹⁰⁵ in December 2013 for the demolition of the existing college buildings, including a sports hall, riding school and stable facilities, and the development of 725 homes, a primary school, local retail, land set aside for future hospice expansion, open space, an internal spine road and bus loop, and highway access improvements to Nethermayne roundabout, the A176, and Dry Street. A further application¹⁰⁶ on site H6 was also approved in November 2019 for an additional 42 dwellings and associated open space, car parking and landscaping.

3.1.14 The details of the section 106 agreements completed to support the applications are presented in Table 3.2 below.

Table 3.2 Infrastructure contributions listed within section 106 agreements associated with Local Plan site allocations H5 and H6

Site	Location	Relevant application	Proposal	Infrastructure items in S106 agreement	Financial contribution	Further details
H5	Land West of Gardiners	20/01504/FUL	700 new dwellings, commercial	Education	£2,200,000	See page 4 of the S106 for
				<ul style="list-style-type: none"> EY&C 		

¹⁰⁴ Planning application number 20/01504/FUL

¹⁰⁵ Planning application number 12/0108/OUT

¹⁰⁶ Planning application number 19/00689/FUL

Site	Location	Relevant application	Proposal	Infrastructure items in S106 agreement	Financial contribution	Further details	
	Lane South, Basildon		floorspace, new school, sporting hub, open space	<ul style="list-style-type: none"> Primary School 		confirmation of the EY&C and primary education contribution	
				<ul style="list-style-type: none"> Secondary 	tbc	Subject to further assessment, determined at reserved matters	
				Transport			
				<ul style="list-style-type: none"> Bus service contribution 	£800,000	Increased frequency of routes 94 and 94b	
				<ul style="list-style-type: none"> Cycle route improvements 	£627,000	LCWIP+, Route 11	
				<ul style="list-style-type: none"> Gardiners Close Improvement Works 		Works to be carried out by owner/developer	
				<ul style="list-style-type: none"> Gardiners Close Junction Improvement Works 		Works to be carried out by owner/developer	
				<ul style="list-style-type: none"> Gardiners Way Improvement Works 		Works to be carried out by owner/developer	
				<ul style="list-style-type: none"> Gardiners Way Junction Improvement Works 		Works to be carried out by owner/developer	
				<ul style="list-style-type: none"> Loop Road works 		Works to be carried out by owner/developer	
				Healthcare	£217,222		
				Open space improvements			
				<ul style="list-style-type: none"> Holy Cross Recreational Ground 	£190,000		
				<ul style="list-style-type: none"> Whitmore Park Improvements 	£15,000		
				<ul style="list-style-type: none"> Local delivery pilot scheme 	£120,000		
				Sports provision			
				<ul style="list-style-type: none"> Replacement rifle range 		On site provision	

Site	Location	Relevant application	Proposal	Infrastructure items in S106 agreement	Financial contribution	Further details		
H6	Land North of Dry Street, Basildon	12/01080/OUT	Demolition of existing buildings and development of 725 dwellings, primary school, retail, open space	<ul style="list-style-type: none"> Sports pitches 		On site provision		
				Other				
				<ul style="list-style-type: none"> RAMS 	£87,152			
				<ul style="list-style-type: none"> Traveller site contribution 	£1,000,000	Provision of 10 traveller pitches		
				Education	tbc	Subject to further assessment, determined at reserved matters		
				Transport				
				<ul style="list-style-type: none"> Improvements to Ashdon Way junction 	£70,000			
				<ul style="list-style-type: none"> Footway on Dry Street 		Works to be carried out by owner/developer		
				<ul style="list-style-type: none"> Signalised junction Dry Street / Nethermayne 		Works to be carried out by owner/developer		
				<ul style="list-style-type: none"> Dualling of Nethermayne from Dry Street to Hospital roundabout 		Works to be carried out by owner/developer		
		<ul style="list-style-type: none"> Improvements to Nethermayne hospital roundabout 		Works to be carried out by owner/developer				
		Healthcare	£240,000					
		Sports provision						
<ul style="list-style-type: none"> Sports Facilities Contribution 	£540,000							
<ul style="list-style-type: none"> Equestrian Sports Facility Contribution 	£500,000							
19/00689/FUL	42 new dwellings and associated open space	Education	£198,169					
		Healthcare	£16,100					
		RAMS	£5,137					

This table presents agreed contributions as presented within the section 106 agreement associated with the planning approval.

- 3.1.15 The section 106 contributions proposed within this IDP for sites H5 and H6 differ from the extent of contributions listed within the S106 agreements associated with the planning approvals. This is due to both the specific circumstances within which the applications were considered and approved, and the more detailed assessments which are undertaken for the purposes of considering planning applications.
- 3.1.16 Where a development site seeks planning permission in advance of the production of a Local Plan and its associated evidence base, the overall infrastructure needs of the area are often less well understood, and it is likely that the extent of infrastructure contributions sought will be different to those that would have been identified through the Local Plan process. With an adopted or more advanced draft Local Plan and associated evidence base, there is a more detailed and holistic understanding of the strategic infrastructure needs for an area. This more detailed information often results in the identification of more infrastructure requirements being proposed through the planning application process.
- 3.1.17 Additionally, the assessment of infrastructure needs to support the production and progression of the Local Plan is undertaken at a strategic level, and is therefore not required to consider site specific localised infrastructure needs which are usually identified through planning applications. The infrastructure requirements identified through the planning application process will therefore differ from those identified through the Local Plan process.
- 3.1.18 For these reasons, the infrastructure contributions obtained through the planning approvals listed within Table 3.2 are different from those identified in this IDP.
- 3.1.19 Development has started on site H6, meaning that the planning approval has been implemented and there will be no changes now made to the S106 agreement. To date development has not started on site H5, meaning that the planning approval has not yet been implemented. The conditions for the approval state that development must commence within two years of the decision date, otherwise the approval will expire and a new application will be required. In this instance, there would be a reconsideration of all matters associated with the development of the site, including the agreed developer contributions.
- 3.1.20 The baseline approach to infrastructure delivery and the apportionment of developer contributions presented in this IDP will therefore be considered should circumstances associated with the planning approval on site H5 change in the future. However in the current situation, the planning approvals and associated section 106 agreements will result in an increased infrastructure funding gap for the Borough, and may therefore require the Council to consider alternative approaches to delivering infrastructure items which would have been fully or partially financially supported by contributions from sites H5 and H6. This could include:
- The reapportioning of infrastructure contributions, where relevant site allocations may be required to provide a higher developer contribution to support the delivery of an infrastructure item, filling the funding gap created by the reduction in anticipated contributions from sites H5 and H6. This approach would be subject to an assessment of

the impacts upon the financial viability of the site associated sites, and the appropriateness of this approach in relation to CIL Regulation 122.

- The redistribution of infrastructure contributions, requiring additional sites to contribute towards the delivery of an infrastructure item, to fill the funding gap created by the reduction in anticipated contributions from sites H5 and H6. Again, this approach would be subject to an assessment of the impacts upon the financial viability of the additional sites, and the appropriateness of this approach in relation to CIL Regulation 122.
- Seeking alternative additional funding to supplement available section 106 developer contributions. This would include considering funding sources identified within section 3.2 above. This approach is subject to the availability of appropriate funding sources, and the ability of the Council to be successful in obtaining potentially competitive sources of funding.

3.5 Next Steps

- 3.1.21 This IDP has provided context for the consideration of infrastructure needs in the Borough to inform the production and progression of the Local Plan. This IDP provides a starting point in the understanding of infrastructure needs to support local plan making and the delivery of growth in the Borough. As outlined within Local Plan Policies IMP1 and IMP2, the IDP should be used to provide an initial understanding of Borough wide infrastructure needs, and where information is known at this time, further details on the infrastructure requirements associated with sites allocated within the Local Plan has been provided. However, further assessment and consideration of the specific infrastructure needs of growth allocated in the Local Plan will be required to support the determination of planning applications to ensure that the detailed impacts of a development can be fully assessed, understood, and appropriately mitigated.
- 3.1.22 The Council will therefore continue to work with infrastructure providers, infrastructure funding organisations, and developers to determine the best approach to delivering infrastructure which supports needs and demands of growth allocated in the Local Plan, and to develop and improve the information contained within the IDP.
- 3.1.23 The IDP is considered a living document. The Council therefore will regularly refine and update the IDP as required to present the best and most up to date information on infrastructure requirements throughout the Borough.

4 Infrastructure Schedule

4.1 Introduction

- 4.1.1 The Infrastructure Schedule lists all infrastructure items identified as being currently required to support the needs of existing residents, and infrastructure items required to support the needs of future residents within the site allocations proposed in the Local Plan. Where there are multiple proposed site allocations recommended to be contributing towards the delivery of an infrastructure item, the item has been separated into the relevant S106 developer contributions from each site.
- 4.1.2 Based on the Local Plan housing trajectory, the Infrastructure Schedule identifies the five-year period within which an infrastructure item is expected to be either delivered or funded. In some instances an infrastructure item receiving contributions from multiple sites may need to be completed to support the needs of other sites in advance of the delivery of houses on a specific allocation. In this situation, the Infrastructure Schedule will outline when the shared infrastructure item will be delivered, however it is accepted that S106 contributions from the site will be provided at a later date. The Council will work with the infrastructure providers to identify where infrastructure funding shortfalls may occur as a result of differing housing trajectories, and will seek to ensure that additional funding can be identified to address any identified funding shortfalls.
- 4.1.3 The Infrastructure Schedule prioritises each identified infrastructure project based on the following approach:
- Essential – an infrastructure project which is essential for the delivery of strategic sites allocated in the draft LP, and essential in ensuring that the impact of the new development does not have a significantly detrimental impact on existing infrastructure, services and facilities.
 - Needed – an infrastructure project which is not directly related to the delivery of strategic sites allocated in the draft LP, but is needed to support existing and potential future needs in the Borough.
 - Desirable – an infrastructure project which would benefit the Borough.
- 4.1.4 The Infrastructure Schedule is presented in two parts. Part 1 presents the Infrastructure Schedule by infrastructure type, and Part 2 presents the Infrastructure Schedule by Local Plan site allocation.

Table 4.1 Infrastructure Schedule Part 1 - presented by infrastructure type

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Education	Early years and childcare	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£1,407,085	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£695,873	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land North of London Road, Vange	H7	N/A	Essential	S106	£694,637	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	West of Basildon	H8	N/A	Essential	S106	£449,918	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£367,433	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£712,448	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	East of Basildon	H11	N/A	Essential	S106	£819,315	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land South of Wickford	H12	N/A	Essential	S106	£1,959,232	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£419,923	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£749,863	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£449,918	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Education	Early years and childcare	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£382,430	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	South West Billericay	H17a	N/A	Essential	S106	£961,805	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	South West Billericay	H17b	N/A	Essential	S106	£516,525	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	South West Billericay	H17c	N/A	Essential	S106	£623,392	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	South West Billericay	H17d	N/A	Essential	S106	£926,182	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£299,945	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£599,890	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£284,948	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£29,995	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£98,982	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Education	Early years and childcare	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£2,404,512	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£55,490	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£5,037,154	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Early years and childcare	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£310,280	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£4,690,282	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£2,754,799	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land North of London Road, Vange	H7	N/A	Essential	S106	£1,949,644	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	West of Basildon	H8	N/A	Essential	S106	£1,499,726	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£1,224,776	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£1,999,634	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	East of Basildon	H11	N/A	Essential	S106	£2,731,050	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land South of Wickford	H12	N/A	Essential	S106	£6,530,773	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Education	Primary	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£1,399,744	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£2,499,543	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£1,499,726	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£1,274,767	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	South West Billericay	H17a	N/A	Essential	S106	£3,206,016	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	South West Billericay	H17b	N/A	Essential	S106	£1,721,749	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	South West Billericay	H17c	N/A	Essential	S106	£2,077,973	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	South West Billericay	H17d	N/A	Essential	S106	£3,087,274	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£999,817	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£1,999,634	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£949,826	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Education	Primary	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£99,982	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Housing Growth in Crays Hill	H22	N/A	Essential	S106	No additional infrastructure required	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£8,015,039	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£184,966	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£14,137,830	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£1,034,267	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£3,624,974	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£2,129,099	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North of London Road, Vange	H7	N/A	Essential	S106	£1,789,544	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	West of Basildon	H8	N/A	Essential	S106	£1,376,573	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£1,124,201	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Education	Secondary	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£1,835,430	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	East of Basildon	H11	N/A	Essential	S106	£2,213,197	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land South of Wickford	H12	N/A	Essential	S106	£5,047,433	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£1,284,801	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£2,294,288	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£1,376,573	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£1,170,087	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	South West Billericay	H17a	N/A	Essential	S106	£2,477,831	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	South West Billericay	H17b	N/A	Essential	S106	£1,330,687	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	South West Billericay	H17c	N/A	Essential	S106	£1,606,001	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	South West Billericay	H17d	N/A	Essential	S106	£2,386,059	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£917,715	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

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											1-5 yrs	6-10yrs	11+ yrs	
Education	Secondary	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£1,835,430	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£871,829	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£91,772	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£302,846	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£6,194,576	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£169,777	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£12,976,871	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£949,336	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£724,072	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£425,278	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Education	Post-16	Land North of London Road, Vange	H7	N/A	Essential	S106	£357,453	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	West of Basildon	H8	N/A	Essential	S106	£274,964	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£224,554	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£366,619	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	East of Basildon	H11	N/A	Essential	S106	£421,611	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land South of Wickford	H12	N/A	Essential	S106	£1,008,201	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£256,633	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£458,273	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£274,964	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£233,719	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	South West Billericay	H17a	N/A	Essential	S106	£494,935	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	South West Billericay	H17b	N/A	Essential	S106	£265,798	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Education	Post-16	South West Billericay	H17c	N/A	Essential	S106	£320,791	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	South West Billericay	H17d	N/A	Essential	S106	£476,604	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£183,309	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£366,619	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£174,144	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£18,331	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£60,492	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£1,237,338	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£33,912	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£2,477,072	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Education	Post-16	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£181,213	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	Urban parks and gardens	Billericay and Burstead	No specific site	~9.132 ha	Needed	Other, see section 3.2	£136,983	See total cost	£0	£136,983				Specific project(s) not yet identified. Relates to existing needs in the area.
Green Infrastructure and Open Space	Urban parks and gardens	Noak Bridge and Ramsden	No specific site	~10.937 ha	Needed	Other, see section 3.2	£164,053	See total cost	£0	£164,053				Specific project(s) not yet identified. Relates to existing needs in the area.
Green Infrastructure and Open Space	Amenity green space	Billericay and Burstead	No specific site	~60.134 ha	Needed	Other, see section 3.2	£902,016	See total cost	£0	£902,016				Specific project(s) not yet identified. Relates to existing needs in the area.
Green Infrastructure and Open Space	Natural and semi-natural open space	Wickford	No specific site	~56.094 ha	Needed	Other, see section 3.2	£841,412	See total cost	£0	£841,412				Specific project(s) not yet identified. Relates to existing needs in the area.
Green Infrastructure and Open Space	Natural and semi-natural open space	Noak Bridge and Ramsden	No specific site	~3.596 ha	Needed	Other, see section 3.2	£53,935	See total cost	£0	£53,935				Specific project(s) not yet identified. Relates to existing needs in the area.
Green Infrastructure and Open Space	Additional public cemetery land and associated facilities to 2040	Borough wide	No specific site	~1.9 ha	Needed	Other, see section 3.2	?	See total cost	£0	TBC				Specific project(s) not yet identified. Relates to existing needs in the area.
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land West of Gardiners Lane South, Basildon	H5	0.491 ha	Essential	S106	£835,132	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North of Dry Street, Basildon	H6	0.289 ha	Essential	S106	£490,508	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North of London Road, Vange	H7	0.243 ha	Essential	S106	£412,281	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	West of Basildon	H8	0.187 ha	Essential	S106	£317,139	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land West of Steeple View, Laindon	H9	0.152 ha	Essential	S106	£258,997	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land East of Noak Bridge, Basildon	H10	0.249 ha	Essential	S106	£422,852	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	East of Basildon	H11	0.286 ha	Essential	S106	£486,280	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land South of Wickford	H12	0.684 ha	Essential	S106	£1,162,843	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North of Southend Road, Shotgate, Wickford	H13	0.174 ha	Essential	S106	£295,996	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land South of Barn Hall, Wickford	H14	0.311 ha	Essential	S106	£528,565	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North of the London Road, Wickford	H15	0.187 ha	Essential	S106	£317,139	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North East of Potash Road, Billericay	H16	0.159 ha	Essential	S106	£269,568	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	South West Billericay	H17a	0.336 ha	Essential	S106	£570,850	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	South West Billericay	H17b	0.18 ha	Essential	S106	£306,568	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	South West Billericay	H17c	0.218 ha	Essential	S106	£369,995	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	South West Billericay	H17d	0.323 ha	Essential	S106	£549,707	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land South of Windmill Heights, Billericay	H18	0.124 ha	Essential	S106	£211,426	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land East of Green Farm Lane, Billericay	H19	0.249 ha	Essential	S106	£422,852	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land East of Southend Road, Billericay	H20	0.118 ha	Essential	S106	£200,855	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land East of Laindon Road, Billericay	H21a	0.004 ha	Essential	S106	£6,343	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land at Maitland Lodge, Great Burstead, Billericay	H21b	0.012 ha	Essential	S106	£21,143	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land Adjacent to The Mount, Billericay	H21c	0.004 ha	Essential	S106	£6,343	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Housing Growth in Crays Hill	H22	0.041 ha	Essential	S106	£69,771	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	0.839 ha	Essential	S106	£1,427,125	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Ramsden Bellhouse Neighbourhood Area	SD3b	0.023 ha	Essential	S106	£39,114	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Basildon Town Centre Regeneration	R2	2.057 ha	Essential	S106	£3,496,985	See total cost	£0	£0				
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Wickford Town Centre Regeneration	R5	0.15 ha	Essential	S106	£255,825	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land West of Gardiners Lane South, Basildon	H5	1.572 ha	Essential	S106	£23,580	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North of Dry Street, Basildon	H6	0.923 ha	Essential	S106	£13,850	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North of London Road, Vange	H7	0.776 ha	Essential	S106	£11,641	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	West of Basildon	H8	0.597 ha	Essential	S106	£8,955	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land West of Steeple View, Laindon	H9	0.488 ha	Essential	S106	£7,313	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Green Infrastructure and Open Space	Public parks and gardens	Land East of Noak Bridge, Basildon	H10	0.796 ha	Essential	S106	£11,939	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	East of Basildon	H11	0.915 ha	Essential	S106	£13,730	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land South of Wickford	H12	2.189 ha	Essential	S106	£32,833	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North of Southend Road, Shotgate, Wickford	H13	0.557 ha	Essential	S106	£8,358	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land South of Barn Hall, Wickford	H14	0.995 ha	Essential	S106	£14,924	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North of the London Road, Wickford	H15	0.597 ha	Essential	S106	£8,955	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North East of Potash Road, Billericay	H16	0.507 ha	Essential	S106	£7,611	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	South West Billericay	H17a	1.075 ha	Essential	S106	£16,118	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	South West Billericay	H17b	0.577 ha	Essential	S106	£8,656	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	South West Billericay	H17c	0.696 ha	Essential	S106	£10,447	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	South West Billericay	H17d	1.035 ha	Essential	S106	£15,521	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land South of Windmill Heights, Billericay	H18	0.398 ha	Essential	S106	£5,970	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land East of Green Farm Lane, Billericay	H19	0.796 ha	Essential	S106	£11,939	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Green Infrastructure and Open Space	Public parks and gardens	Land East of Southend Road, Billericay	H20	0.378 ha	Essential	S106	£5,671	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land East of Laindon Road, Billericay	H21a	0.012 ha	Essential	S106	£179	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land at Maitland Lodge, Great Burstead, Billericay	H21b	0.04 ha	Essential	S106	£597	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land Adjacent to The Mount, Billericay	H21c	0.012 ha	Essential	S106	£179	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Housing Growth in Crays Hill	H22	0.131 ha	Essential	S106	£1,970	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	2.686 ha	Essential	S106	£40,295	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Ramsden Bellhouse Neighbourhood Area	SD3b	0.074 ha	Essential	S106	£1,104	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Basildon Town Centre Regeneration	R2	6.583 ha	Essential	S106	£98,738	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Wickford Town Centre Regeneration	R5	0.482 ha	Essential	S106	£7,223	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land West of Gardiners Lane South, Basildon	H5	1.179 ha	Essential	S106	£17,685	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North of Dry Street, Basildon	H6	0.692 ha	Essential	S106	£10,387	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North of London Road, Vange	H7	0.582 ha	Essential	S106	£8,731	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	West of Basildon	H8	0.448 ha	Essential	S106	£6,716	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Green Infrastructure and Open Space	Amenity greenspace	Land West of Steeple View, Laindon	H9	0.366 ha	Essential	S106	£5,485	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land East of Noak Bridge, Basildon	H10	0.597 ha	Essential	S106	£8,955	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	East of Basildon	H11	0.687 ha	Essential	S106	£10,298	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land South of Wickford	H12	1.642 ha	Essential	S106	£24,625	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North of Southend Road, Shotgate, Wickford	H13	0.418 ha	Essential	S106	£6,268	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land South of Barn Hall, Wickford	H14	0.746 ha	Essential	S106	£11,193	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North of the London Road, Wickford	H15	0.448 ha	Essential	S106	£6,716	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North East of Potash Road, Billericay	H16	0.381 ha	Essential	S106	£5,708	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	South West Billericay	H17a	0.806 ha	Essential	S106	£12,089	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	South West Billericay	H17b	0.433 ha	Essential	S106	£6,492	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	South West Billericay	H17c	0.522 ha	Essential	S106	£7,835	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	South West Billericay	H17d	0.776 ha	Essential	S106	£11,641	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land South of Windmill Heights, Billericay	H18	0.298 ha	Essential	S106	£4,477	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Green Infrastructure and Open Space	Amenity greenspace	Land East of Green Farm Lane, Billericay	H19	0.597 ha	Essential	S106	£8,955	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land East of Southend Road, Billericay	H20	0.284 ha	Essential	S106	£4,253	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land East of Laindon Road, Billericay	H21a	0.009 ha	Essential	S106	£134	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land at Maitland Lodge, Great Burstead, Billericay	H21b	0.03 ha	Essential	S106	£448	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land Adjacent to The Mount, Billericay	H21c	0.009 ha	Essential	S106	£134	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Housing Growth in Crays Hill	H22	0.098 ha	Essential	S106	£1,477	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	2.015 ha	Essential	S106	£30,221	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Ramsden Bellhouse Neighbourhood Area	SD3b	0.055 ha	Essential	S106	£828	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Basildon Town Centre Regeneration	R2	4.937 ha	Essential	S106	£74,054	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Wickford Town Centre Regeneration	R5	0.361 ha	Essential	S106	£5,417	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land West of Gardiners Lane South, Basildon	H5	3.537 ha	Essential	S106	£53,055	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North of Dry Street, Basildon	H6	2.077 ha	Essential	S106	£31,162	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North of London Road, Vange	H7	1.746 ha	Essential	S106	£26,192	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Green Infrastructure and Open Space	Natural and semi-natural greenspace	West of Basildon	H8	1.343 ha	Essential	S106	£20,148	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land West of Steeple View, Laindon	H9	1.097 ha	Essential	S106	£16,454	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land East of Noak Bridge, Basildon	H10	1.791 ha	Essential	S106	£26,864	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	East of Basildon	H11	2.06 ha	Essential	S106	£30,893	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land South of Wickford	H12	4.925 ha	Essential	S106	£73,875	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North of Southend Road, Shotgate, Wickford	H13	1.254 ha	Essential	S106	£18,804	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land South of Barn Hall, Wickford	H14	2.239 ha	Essential	S106	£33,579	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North of the London Road, Wickford	H15	1.343 ha	Essential	S106	£20,148	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North East of Potash Road, Billericay	H16	1.142 ha	Essential	S106	£17,125	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	South West Billericay	H17a	2.418 ha	Essential	S106	£36,266	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	South West Billericay	H17b	1.298 ha	Essential	S106	£19,476	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	South West Billericay	H17c	1.567 ha	Essential	S106	£23,506	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	South West Billericay	H17d	2.328 ha	Essential	S106	£34,923	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land South of Windmill Heights, Billericay	H18	0.895 ha	Essential	S106	£13,432	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land East of Green Farm Lane, Billericay	H19	1.791 ha	Essential	S106	£26,864	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land East of Southend Road, Billericay	H20	0.851 ha	Essential	S106	£12,760	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land East of Laindon Road, Billericay	H21a	0.027 ha	Essential	S106	£403	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land at Maitland Lodge, Great Burstead, Billericay	H21b	0.09 ha	Essential	S106	£1,343	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land Adjacent to The Mount, Billericay	H21c	0.027 ha	Essential	S106	£403	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Housing Growth in Crays Hill	H22	0.295 ha	Essential	S106	£4,432	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	6.044 ha	Essential	S106	£90,664	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Ramsden Bellhouse Neighbourhood Area	SD3b	0.166 ha	Essential	S106	£2,485	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Basildon Town Centre Regeneration	R2	14.811 ha	Essential	S106	£222,161	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Wickford Town Centre Regeneration	R5	1.083 ha	Essential	S106	£16,252	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£390,123	See total cost	£0	£0				Spectic project to be confirmed
Healthcare	Healthcare contribution	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£229,136	See total cost	£0	£0				Spectic project to be confirmed

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Healthcare	Healthcare contribution	Land North of London Road, Vange	H7	N/A	Essential	S106	£192,593	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	West of Basildon	H8	N/A	Essential	S106	£148,148	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£120,988	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£197,531	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	East of Basildon	H11	N/A	Essential	S106	£227,160	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land South of Wickford	H12	N/A	Essential	S106	£543,210	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£138,272	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£246,914	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£148,148	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£125,926	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	South West Billericay	H17a	N/A	Essential	S106	£266,667	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	South West Billericay	H17b	N/A	Essential	S106	£143,210	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	South West Billericay	H17c	N/A	Essential	S106	£172,840	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	South West Billericay	H17d	N/A	Essential	S106	£256,790	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£98,765	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£197,531	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£93,827	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	£2,963	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£9,877	See total cost	£0	£0				Specific project to be confirmed

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Healthcare	Healthcare contribution	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	£2,963	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£32,593	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£666,667	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£18,272	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£1,633,580	See total cost	£0	£0				Specific project to be confirmed
Healthcare	Healthcare contribution	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£119,506	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£61,462	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£36,099	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land North of London Road, Vange	H7	N/A	Essential	S106	£30,342	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	West of Basildon	H8	N/A	Essential	S106	£23,340	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£19,061	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£31,120	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	East of Basildon	H11	N/A	Essential	S106	£35,788	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land South of Wickford	H12	N/A	Essential	S106	£85,580	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	£21,784	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£38,900	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£23,340	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£19,839	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Libraries	Library infrastructure improvements	South West Billericay	H17a	N/A	Essential	S106	£42,012	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	South West Billericay	H17b	N/A	Essential	S106	£22,562	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	South West Billericay	H17c	N/A	Essential	S106	£27,230	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	South West Billericay	H17d	N/A	Essential	S106	£40,456	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£15,560	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£31,120	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£14,782	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	£467	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land at Maitland Lodge, Great Burstead, Billericay	H21b	N/A	Essential	S106	£1,556	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	£467	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£5,135	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£105,030	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£2,879	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£257,362	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Libraries	Library infrastructure improvements	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£18,828	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Outdoor sports provision	Wickford	No specific site	~31.468 ha	Needed	Other, see section 3.2	£472,012	See total cost	£0	£472,012				Specific project(s) not yet identified
Sports Facilities	Additional youth 11v11 pitches	Borough wide	No specific site	?	Desirable	Other, see section 3.2	£78,000	See total cost	£0	£78,000				Need for these infrastructure items could be addressed through quality and access improvements to existing stock. See 2018 Playing Pitch Strategy for further details.

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Sports Facilities	Additional youth 9v9 pitches	Borough wide	No specific site	?	Desirable	Other, see section 3.2	£52,000	See total cost	£0	£52,000				Need for these infrastructure items could be addressed through quality and access improvements to existing stock. See 2018 Playing Pitch Strategy for further details.
Sports Facilities	Additional adult and junior grass wicket squares	Basildon, Wickford	No specific site	?	Needed	Other, see section 3.2	£20,000	See total cost	£0	£20,000				Additional stock recommended where there is a discrete need or where sites fall out of use (see 2018 Playing Pitch Strategy for further details)
Sports Facilities	Additional MUGA facilities	Billericay, Wickford	No specific site	?	Desirable	Other, see section 3.2	£160,000	See total cost	£0	£160,000				Need for these infrastructure items could be addressed through quality and access improvements to existing stock. See 2018 Playing Pitch Strategy for further details.
Sports Facilities	Additional 3G Artificial Grass Pitch facilities	Borough wide	No specific site	?	Needed	Other, see section 3.2	£420,000	See total cost	£0	£420,000				Additional stock recommended where there is a discrete need or where sites fall out of use (see 2018 Playing Pitch Strategy for further details)
Sports Facilities	World Rugby compliant 3G pitch	Borough wide	No specific site	?	Desirable	Other, see section 3.2	£1,335,000	See total cost	£0	£1,335,000				Specific project(s) not yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£783,716	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£460,259	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North of London Road, Vange	H7	N/A	Essential	S106	£386,872	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	West of Basildon	H8	N/A	Essential	S106	£297,533	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£242,892	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£396,844	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	East of Basildon	H11	N/A	Essential	S106	£456,270	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land South of Wickford	H12	N/A	Essential	S106	£1,091,219	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	£277,591	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£496,154	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£297,533	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£252,863	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	South West Billericay	H17a	N/A	Essential	S106	£535,639	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	South West Billericay	H17b	N/A	Essential	S106	£287,562	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	South West Billericay	H17c	N/A	Essential	S106	£347,387	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	South West Billericay	H17d	N/A	Essential	S106	£515,697	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£198,223	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£396,844	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£188,650	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	£5,982	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land at Maitland Lodge, Great Burstead, Billericay	H21b	N/A	Essential	S106	£19,942	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	£5,982	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£65,410	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£1,339,297	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£36,693	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£3,298,386	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£240,100	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£152,279	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£89,440	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land North of London Road, Vange	H7	N/A	Essential	S106	£75,173	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	West of Basildon	H8	N/A	Essential	S106	£57,822	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£47,199	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£77,106	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	East of Basildon	H11	N/A	Essential	S106	£88,660	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land South of Wickford	H12	N/A	Essential	S106	TBC	See total cost	£0	TBC				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Sports Facilities	Playing pitch contribution	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	TBC	See total cost	£0	TBC				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	TBC	See total cost	£0	TBC				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land North of the London Road, Wickford	H15	N/A	Essential	S106	TBC	See total cost	£0	TBC				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£79,095	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	South West Billericay	H17a	N/A	Essential	S106	£167,589	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	South West Billericay	H17b	N/A	Essential	S106	£89,969	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	South West Billericay	H17c	N/A	Essential	S106	£108,680	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	South West Billericay	H17d	N/A	Essential	S106	£161,349	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£62,012	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£124,156	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£59,018	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	£1,869	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land at Maitland Lodge, Great Burstead, Billericay	H21b	N/A	Essential	S106	£6,228	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	£1,869	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£12,719	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Sports Facilities	Playing pitch contribution	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£260,250	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£11,482	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£640,899	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Sports Facilities	Playing pitch contribution	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	TBC	See total cost	£0	TBC				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Increased frequency Extended hours Provision of bus shelters / up graded and additional stops Provision of highway infrastructure / bus priority measures	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£1,125,000	See total cost	£0	£0				
Transport, Bus projects	Increased frequency Extended hours Provision of bus shelters / up graded and additional stops Provision of highway infrastructure / bus priority measures	Land West of Gardiners Lane South, Basildon	E4*	N/A	Essential	S106	£1,125,000	See total cost	£0	£0				
Transport, Bus projects	New bus service to Dry Street Bus lane contributions on Nethermayne	Basildon	H6	N/A	Essential	S106	£2,000,000	See total cost	£0	£0				
Transport, Bus projects	Increased frequency Rerouting of bus through site H7b Provision of bus shelters/ up graded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service in south Basildon	Land North of London Road, Vange	H7	N/A	Essential	S106	£1,695,000	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Bus projects	Contribution towards new or diverted service Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	West of Basildon	H8	N/A	Essential	S106	£1,225,000	See total cost	£0	£0				
Transport, Bus projects	Increase frequency of route 256 Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£655,000	See total cost	£0	£0				
Transport, Bus projects	Upgraded and additional stops Provision of highway infrastructure / bus priority measures Increase frequency of route 10 (in conjunction with other sites).	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£1,105,000	See total cost	£0	£0				
Transport, Bus projects	Crossing to improve access on London Road and Tyefields Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service in south east Basildon	East of Basildon	H11	N/A	Essential	S106	£500,000	See total cost	£0	£0				
Transport, Bus projects	Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Possible contribution towards new service	Land South of Wickford	H12	N/A	Essential	S106	£3,200,000	See total cost	£0	£0				
Transport, Bus projects	New or diverted route Provision of bus shelters / upgraded and additional stops Provision of highway	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	£900,000	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
	infrastructure / bus priority measures													
Transport, Bus projects	Extended service on route 13/4 to link to Basildon (with other sites). Increased frequency on route 10 (alongside other sites) Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£1,100,000	See total cost	£0	£0				
Transport, Bus projects	Increase frequency on route 12 Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£800,000	See total cost	£0	£0				
Transport, Bus projects	Provision of bus shelters / upgraded and additional stops Bus frequency improvements Provision of highway infrastructure / bus priority measures Crossing on Stock Road to improve access	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£930,000	See total cost	£0	£0				
Transport, Bus projects	New or diverted bus route Increase frequency and rerouting of route 256 and 12 Provision of bus shelters / upgraded and additional stops	South West Billericay	H17a	N/A	Essential	S106	£4,500,000	£1,429,412	£0	£0				Total costs identified for H17 is £4.5m. Estimated costs proportionally distributed between the four H17 sites based on dwelling numbers
Transport, Bus projects	New or diverted bus route Increase frequency and rerouting of route 256 and 12 Provision of bus	South West Billericay	H17b	N/A	Essential	S106	£4,500,000	£767,647	£0	£0				Total costs identified for H17 is £4.5m. Estimated costs proportionally distributed between the four H17 sites based on dwelling numbers

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
	shelters / upgraded and additional stops													
Transport, Bus projects	New or diverted bus route Increase frequency and rerouting of route 256 and 12 Provision of bus shelters / upgraded and additional stops	South West Billericay	H17c	N/A	Essential	S106	£4,500,000	£926,471	£0	£0				Total costs identified for H17 is £4.5m. Estimated costs proportionally distributed between the four H17 sites based on dwelling numbers
Transport, Bus projects	New or diverted bus route Increase frequency and rerouting of route 256 and 12 Provision of bus shelters / upgraded and additional stops	South West Billericay	H17d	N/A	Essential	S106	£4,500,000	£1,376,471	£0	£0				Total costs identified for H17 is £4.5m. Estimated costs proportionally distributed between the four H17 sites based on dwelling numbers
Transport, Bus projects	Rerouting of service 12 to provide access to site H18 and the south eastern extent of H17. Increase frequency of route 12 pooled with other sites Provision of bus shelters / upgraded and additional stops	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£540,000	See total cost	£0	£0				
Transport, Bus projects	Provision of bus shelters / upgraded and additional stops Improvements to operating times of bus route 9 Provision of highway infrastructure / bus priority measures Crossing improvement on Greens Farm Lane	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£1,100,000	See total cost	£0	£0				
Transport, Bus projects	Crossing improvements to improve access Increase frequency of route 12 pooled with other sites Provision of bus	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£760,000	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
	shelters / upgraded and additional stops													
Transport, Bus projects	TBC - No improvements identified to date		H21a	N/A	Essential	S106	TBC	See total cost	£0	TBC				
Transport, Bus projects	TBC - No improvements identified to date		H21b	N/A	Essential	S106	TBC	See total cost	£0	TBC				
Transport, Bus projects	TBC - No improvements identified to date		H21c	N/A	Essential	S106	TBC	See total cost	£0	TBC				
Transport, Bus projects	Increase frequency of route 10 (in conjunction with other sites) Provision of bus shelters / upgraded and additional stops	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£125,000	See total cost	£0	£0				
Transport, Bus projects	Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service	Basildon	E5	N/A	Essential	S106	£1,150,000	See total cost	£0	£0				
Transport, Bus projects	Increase frequency of route 10 (in conjunction with other sites) Provision of bus shelters / upgraded and additional stops	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£125,000	See total cost	£0	£0				
Transport, Bus projects	Increased frequency Extended hours Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Crossings to improve access	Other employment in the A127 Enterprise Corridor (East of Upper Mayne)	No specific site	N/A	Needed	S106	TBC	See total cost	£0	TBC				
Transport, Bus projects	Contribution towards new service Provision of bus shelters / upgraded and additional stops Provision of highway	Ford Dunton	No specific site	N/A	Needed	S106	TBC	See total cost	£0	TBC				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
	infrastructure / bus priority measures													
Transport, Bus projects	Additional and improved bus stops New bus gate	Basildon	R2	N/A	Needed	S106	TBC	See total cost	£0	TBC				
Transport, Bus projects	Crossing to improve access on London Road and Tyefields Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service in south east Basildon	East of Basildon	SD3a	N/A	Essential	S106	£1,500,000	See total cost	£0	£0				
Transport, Bus projects	Long Riding Bus Gate Enforcement Provision of camera enforcement on bus gate.	Basildon	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Town Centre Access Review Rerouting of traffic through town centre, improving pedestrian access between Bus and Rail Stations.	Basildon	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Basildon Bus Station Enhancement First phase of improvements to passenger facilities at Basildon Bus Station	Basildon	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Fremnalls Parking Review Review of parking restrictions within Fremnalls area of Basildon to facilitate bus access.	Basildon	TBC	N/A	Desirable	tbc	£5,000	See total cost	£0	£5,000				Project identified by ECC
Transport, Bus projects	Nethermayne Enhancements Highway improvements on Nethermayne to reduce congestion	Basildon	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (\$106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
	and improve bus reliability.													
Transport, Bus projects	Bus Interchange enhancement Revised layout of bus interchange as part of hospital rebuilding programme.	Basildon	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Bus Access Improvements to/from Nethermayne Improved bus access arrangements to/from Hospital site from Nethermayne	Basildon	TBC	N/A	Desirable	tbc	£150,000	See total cost	£0	£150,000				Project identified by ECC
Transport, Bus projects	The Knares Bus Gate Provision of bus gate on Nethermayne to facilitate right turn movements into and out of The Knares	Basildon	TBC	N/A	Desirable	tbc	£50,000	See total cost	£0	£50,000				Project identified by ECC
Transport, Bus projects	Bus Interchange relocation Relocation of bus interchange within hospital site, to provide increased bus departure capacity.	Basildon	TBC	N/A	Desirable	tbc	£1,000,000	See total cost	£0	£1,000,000				Project identified by ECC
Transport, Bus projects	Hospital Southern Access Provision of bus route through Hospital site and exiting on Dry Street	Basildon	TBC	N/A	Desirable	tbc	£500,000	See total cost	£0	£500,000				Project identified by ECC
Transport, Bus projects	Hospital Western Access Provision of bus gate linking hospital to new development to the west.	Basildon	TBC	N/A	Desirable	tbc	£30,000	See total cost	£0	£30,000				Project identified by ECC
Transport, Bus projects	Billericay Station Forecourt Improvements Revised forecourt layout, removing general traffic and facilitating sustainable modes.	Billericay	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Bus projects	Radford Way Kerb Realignment Adjustments to n/s kerb alignment on Radford Way/Stock Road junction to improve bus accessibility.	Billericay	TBC	N/A	Desirable	tbc	£100,000	See total cost	£0	£100,000				Project identified by ECC
Transport, Bus projects	Wash Road Kerb Realignment Adjustments to n/s kerb alignment on Wash Road/ Eastfield Road junction to improve bus accessibility.	Noak Bridge	TBC	N/A	Desirable	tbc	£100,000	See total cost	£0	£100,000				Project identified by ECC
Transport, Bus projects	Tyler Avenue Bus Gate Enforcement Provision of camera enforcement on bus gate.	Laindon	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Laindon Station Bus Gate Enforcement Provision of camera enforcement on bus gate.	Laindon	TBC	N/A	Desirable	tbc	£5,000	See total cost	£0	£5,000				Project identified by ECC
Transport, Bus projects	Laindon Station Multi Modal Interchange Improvements Improvements to bus operational layout of Laindon Station Interchange, including provision of layover bays.	Laindon	TBC	N/A	Desirable	tbc	£500,000	See total cost	£0	£500,000				Project identified by ECC
Transport, Bus projects	Laindon to Dunton Hills Sustainable Access Provision of new sustainable access link between planned developments in west Laindon and Dunton Hills Garden Village	Laindon	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	St Margarets School Parking Review Review of parking restrictions applicable at school times in vicinity of St Margarets School.	Bowers Gifford	TBC	N/A	Desirable	tbc	£5,000	See total cost	£0	£5,000				Project identified by ECC

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (\$106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Bus projects	Luckyn Lane Bus Stops Provision of bus stops to serve Pipp's Hill Employment zone.	Basildon	TBC	N/A	Desirable	tbc	£20,000	See total cost	£0	£20,000				Project identified by ECC
Transport, Bus projects	Paycocke Rd / Gardners Lane South Bus Stop Upgrades Provision of marked stops and upgrade of existing bus stop facilities within Cranes Farm Employment Zone.	Basildon	TBC	N/A	Desirable	tbc	£20,000	See total cost	£0	£20,000				Project identified by ECC
Transport, Bus projects	Wickford High Street Bus Stops Provision of 2 bus stops in Wickford High Street, to provide direct access to retail areas.	Wickford	TBC	N/A	Desirable	tbc	£10,000	See total cost	£0	£10,000				Project identified by ECC
Transport, Bus projects	Eastmayne Northbound Bus Lane Provision of northbound bus lane between Paycocke Road and Nevendon Interchange	Basildon	TBC	N/A	Desirable	tbc	£750,000	See total cost	£0	£750,000				Project identified by ECC
Transport, Bus projects	Endeavour Drive Bus Link Provision of sustainable access link between Endeavour Drive and Gardners Link - providing sustainable access to unserved leisure, employment and retail areas	Basildon	TBC	N/A	Desirable	tbc	£1,000,000	See total cost	£0	£1,000,000				Project identified by ECC
Transport, Bus projects	Ghyllgrove Bus Link Improvements Provision of right turn bus access in/out of existing Ghyllgrove bus gate	Basildon	TBC	N/A	Desirable	tbc	£500,000	See total cost	£0	£500,000				Project identified by ECC
Transport, Bus projects	High Street / Nevendon Rd s/b Bus Gate Provision of southbound bus gate	Wickford	TBC	N/A	Desirable	tbc	£100,000	See total cost	£0	£100,000				Project identified by ECC

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (\$106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
	from High Street to Nevendon Road													
Transport, Bus projects	Wickford Swans Bus Interchange Improvements Provision of expanded bus interchange facility at Wickford Swans, to better accommodate existing and future demand.	Wickford	TBC	N/A	Desirable	tbc	£150,000	See total cost	£0	£150,000				Project identified by ECC
Transport, Bus projects	Endeavour Drive Bus Stop Provision of bus stop to serve major employment zone, within Basildon Enterprise Corridor.	Basildon	TBC	N/A	Desirable	tbc	£5,000	See total cost	£0	£5,000				Project identified by ECC
Transport, Bus projects	Festival Leisure Park Bus Stop Provision of bus stop to serve Basildon's main leisure zone	Basildon	TBC	N/A	Desirable	tbc	£5,000	See total cost	£0	£5,000				Project identified by ECC
Transport, Bus projects	Mayflower Retail Park Bus Stops Provision of bus stops to serve Mayflower Retail Park	Basildon	TBC	N/A	Desirable	tbc	£10,000	See total cost	£0	£10,000				Project identified by ECC
Transport, Bus projects	High Road Bus Stop Improvements Improvements to bus stops on Pitsea High Road	Pitsea	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Provision of New Multi-modal Interchange Provision of new bus/rail interchange at Pitsea Rail Station	Pitsea	TBC	N/A	Desirable	tbc	£1,000,000	See total cost	£0	£1,000,000				Project identified by ECC
Transport, Bus projects	Guernsey Gardens Kerb Realignment Adjustments to chicane layout to facilitate bus access	Wickford	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Bus projects	Rail Station Forecourt Improvements Revised forecourt layout design implemented to promote accessibility by sustainable modes, including new bus stands and passenger infrastructure provision	Wickford	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Beauchamps School Bus Stop Improvements Bus stop enhancement at Beauchamps School to facilitate bus access and improve student safety	Wickford	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Brock Hill Bus Stop Improvements Relocation of bus stop to improve passenger accessibility and safety	Wickford	TBC	N/A	Desirable	tbc	£5,000	See total cost	£0	£5,000				Project identified by ECC
Transport, Bus projects	Salcott Crescent / Cranfield Park Road Bus Stops Provision of 7 new partner stops to enable 2 way operation of services at The Wick	Wickford	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Southend Road - New Stop provision Provision of new bus stop to reduce distance between existing stops	Wickford	TBC	N/A	Desirable	tbc	-	See total cost	£0	TBC				Project identified by ECC
Transport, Bus projects	Jubilee Way Bus Gate Provision of Right turn bus gate from Southend Road onto Golden Jubilee Way	Wickford	TBC	N/A	Desirable	tbc	£250,000	See total cost	£0	£250,000				Project identified by ECC
Transport, Cycling projects	Improve/upgrade existing off-road cycle routes along Cranes Farm Road	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£1,153,026	£1,053,026	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
	towards Basildon Town Centre													
Transport, Cycling projects	Provide route along Church Road N-S link between A1235 and A1321 (11 in CAP). Providing more direct route between site and Basildon Town Centre.	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£1,153,026	£100,000	£0	£0				
Transport, Cycling projects	No projects identified to date	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	-	£0	£0	TBC				
Transport, Cycling projects	Provision of an off-road cycle route along London Road from Nether Mayne roundabout to start of identified flagship route 1 (CAP).	Land North of London Road, Vange	H7	N/A	Essential	S106	£1,000,000	See total cost	£0	£0				
Transport, Cycling projects	Connect site to existing off-road network at Mandeville Way.	West of Basildon	H8	N/A	Essential	S106	£50,000	See total cost	£0	£0				
Transport, Cycling projects	Connect site to existing off-road network on A176.	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£378,808	£50,000	£0	£0				
Transport, Cycling projects	Contribution towards AQMP OBC project FR1A	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£378,808	£328,808	£0	£0				
Transport, Cycling projects	Connect site to existing off-road network starting at Coppice Lane, Noak Bridge.	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£378,808	£50,000	£0	£0				
Transport, Cycling projects	Contribution towards AQMP OBC project FR1A	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£378,808	£328,808	£0	£0				
Transport, Cycling projects	On-road route along Tyefields and signed quietway along Trenham Avenue, linking existing NCN 16 with potential development site	East of Basildon	H11	N/A	Essential	S106	£50,000	See total cost	£0	£0				
Transport, Cycling projects	On-road cycle route along Long Riding from Timberlog Lane to Southernhay. Potential to remove	East of Basildon	R2	N/A	Essential	S106	£100,000	See total cost	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
	centre line, add bus and cycle-friendly traffic calming, and also treat junctions.													
Transport, Cycling projects	New cycle route linking site in SE Wickford to Wickford Business Park (12 in CAP)	Land South of Wickford	H12	N/A	Essential	S106	£550,000	£500,000	£0	£0				
Transport, Cycling projects	Connect site to existing network at junction Cranfield Park Rd and Salcott Cres.	Land South of Wickford	H12	N/A	Essential	S106	£550,000	£50,000	£0	£0				
Transport, Cycling projects	Contribute to new off-road cycle route linking site with Wickford Town Centre along Southend Rd A129. No existing network nearby.	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	£1,000,000	See total cost	£0	£0				
Transport, Cycling projects	Connect site to Wickford Railway Station and Town Centre. Close to potential N-S route along Swan Lane to Station Avenue	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£100,000	See total cost	£0	£0				
Transport, Cycling projects	Contribute to new off-road cycle route E-W along London Road from site towards Wickford TC	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£100,000	See total cost	£0	£0				
Transport, Cycling projects	Connect site to existing National Cycle Route.	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£150,000	£50,000	£0	£0				
Transport, Cycling projects	New cycle from site to Billericay Town Centre via Stock Rd or Potash Rd then Norsey Rd.	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£150,000	£100,000	£0	£0				
Transport, Cycling projects	Cycle route from site to High Street, Billericay through provision of relevant parts of potential routes 7, 8 and 9 in CAP.	South West Billericay	H17a	N/A	Essential	S106	£1,600,000	£508,235	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Cycling projects	Cycle route from site to High Street, Billericay through provision of relevant parts of potential routes 7, 8 and 9 in CAP. New cycle route along Billericay western link road*	South West Billericay	H17b	N/A	Essential	S106	£1,600,000	£272,941	£0	£0				
Transport, Cycling projects	Cycle route from site to High Street, Billericay through provision of relevant parts of potential routes 7, 8 and 9 in CAP. New cycle route along Billericay western link road*	South West Billericay	H17c	N/A	Essential	S106	£1,600,000	£329,412	£0	£0				
Transport, Cycling projects	Cycle route from site to High Street, Billericay through provision of relevant parts of potential routes 7, 8 and 9 in CAP. New cycle route along Billericay western link road*	South West Billericay	H17d	N/A	Essential	S106	£1,600,000	£489,412	£0	£0				
Transport, Cycling projects	Cycle route from site to High Street, Billericay	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£500,000	See total cost	£0	£0				
Transport, Cycling projects	No existing or potential routes identified nearby. Potential to provide cycle routes from north and south of site to extension to Mill Meadows (centre of site) for recreational purposes.	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£50,000	See total cost	£0	£0				
Transport, Cycling projects	Cycle Route 1	Basildon East-West Link	TBC	9km	Desirable	S106 / other see section 2,3	£7,920,000	See total cost	£0	£7,920,000				LCWIP+
Transport, Cycling projects	Cycle Route 2	Basildon to Pitsea	TBC	3km	Desirable	S106 / other see section 2,3	£2,640,000	See total cost	£0	£2,640,000				LCWIP+

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Cycling projects	Cycle Route 3	Wickford to Basildon	TBC	5.5km	Desirable	S106 / other see section 2,3	£4,840,000	See total cost	£0	£4,840,000				LCWIP+
Transport, Cycling projects	Cycle Route 4	Central Basildon Ring	TBC	2.2km	Desirable	S106 / other see section 2,3	£1,936,000	See total cost	£0	£1,936,000				LCWIP+
Transport, Cycling projects	Cycle Route 5	Billericay to Basildon	TBC	7.5km	Desirable	S106 / other see section 2,3	£6,600,000	See total cost	£0	£6,600,000				LCWIP+
Transport, Cycling projects	Cycle Route 6	Basildon North-South	TBC	2km	Desirable	S106 / other see section 2,3	£1,760,000	See total cost	£0	£1,760,000				LCWIP+
Transport, Cycling projects	Cycle Route 7	Southeast Billericay	TBC	2km	Desirable	S106 / other see section 2,3	£1,760,000	See total cost	£0	£1,760,000				LCWIP+
Transport, Cycling projects	Cycle Route 8	Billericay North-South	TBC	3.2km	Desirable	S106 / other see section 2,3	£2,816,000	See total cost	£0	£2,816,000				LCWIP+
Transport, Cycling projects	Cycle Route 9	Basildon Station to Basildon Hospital	TBC	1.2km	Desirable	S106 / other see section 2,3	£1,056,000	See total cost	£0	£1,056,000				LCWIP+
Transport, Cycling projects	Cycle Route 10	Laindon North-South	TBC	2.6km	Desirable	S106 / other see section 2,3	£2,288,000	See total cost	£0	£2,288,000				LCWIP+
Transport, Cycling projects	Cycle Route 11	Central Basildon to Gardiners Way	TBC	2.7km	Desirable	S106 / other see section 2,3	£2,376,000	See total cost	£0	£2,376,000				LCWIP+
Transport, Cycling projects	Cycle Route 12	Central Basildon to Festival Park	TBC	1km	Desirable	S106 / other see section 2,3	£880,000	See total cost	£0	£880,000				LCWIP+
Transport, Cycling projects	Cycle Route 13	Wickford to Burnt Mills Industrial Estate	TBC	4.6km	Desirable	S106 / other see section 2,3	£4,048,000	See total cost	£0	£4,048,000				LCWIP+
Transport, Cycling projects	Basildon Walking Route 1	Laindon North-Eastern Link	TBC	1.9km	Desirable	S106 / other see section 2,3	£247,000	See total cost	£0	£247,000				LCWIP+
Transport, Cycling projects	Basildon Walking Route 2	Laindon North-Western Link	TBC	2.8km	Desirable	S106 / other see section 2,3	£156,000	See total cost	£0	£156,000				LCWIP+
Transport, Cycling projects	Basildon Walking Route 3	Laindon to Basildon Station	TBC	2.5km	Desirable	S106 / other see section 2,3	£208,000	See total cost	£0	£208,000				LCWIP+
Transport, Cycling projects	Basildon Walking Route 4	Basildon to Gloucester Park	TBC	2.1km	Desirable	S106 / other see section 2,3	£390,000	See total cost	£0	£390,000				LCWIP+
Transport, Cycling projects	Basildon Walking Route 5	Basildon to Basildon Hospital A	TBC	1.5km	Desirable	S106 / other see section 2,3	£182,000	See total cost	£0	£182,000				LCWIP+
Transport, Cycling projects	Basildon Walking Route 6	Basildon North-Western Link	TBC	2.1km	Desirable	S106 / other see section 2,3	£130,000	See total cost	£0	£130,000				LCWIP+

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Cycling projects	Basildon Walking Route 7	Basildon Eastern Link	TBC	1.5km	Desirable	S106 / other see section 2,3	£78,000	See total cost	£0	£78,000				LCWIP+
Transport, Cycling projects	Basildon Walking Route 8	Basildon to Basildon Hospital B	TBC	1km	Desirable	S106 / other see section 2,3	£65,000	See total cost	£0	£65,000				LCWIP+
Transport, Cycling projects	Basildon Walking Route 9	Basildon Station Southern Link	TBC	1.1km	Desirable	S106 / other see section 2,3	£65,000	See total cost	£0	£65,000				LCWIP+
Transport, Cycling projects	Billericay Walking Route 1	Billericay Western Link	TBC	0.7km	Desirable	S106 / other see section 2,3	£279,500	See total cost	£0	£279,500				LCWIP+
Transport, Cycling projects	Billericay Walking Route 2	Billericay Southern Link	TBC	2.1km	Desirable	S106 / other see section 2,3	£299,000	See total cost	£0	£299,000				LCWIP+
Transport, Cycling projects	Billericay Walking Route 3	Billericay Northern Link	TBC	1.1km	Desirable	S106 / other see section 2,3	£65,000	See total cost	£0	£65,000				LCWIP+
Transport, Cycling projects	Billericay Walking Route 4	Billericay South-Western Link	TBC	0.8km	Desirable	S106 / other see section 2,3	£182,000	See total cost	£0	£182,000				LCWIP+
Transport, Cycling projects	Wickford Walking Route 1	Wickford Western Link	TBC	1.6km	Desirable	S106 / other see section 2,3	£260,000	See total cost	£0	£260,000				LCWIP+
Transport, Cycling projects	Wickford Walking Route 2	Wickford Southern Link	TBC	1.8km	Desirable	S106 / other see section 2,3	-	See total cost	£0	TBC				LCWIP+ See Cycle Route 13 for costings
Transport, Cycling projects	Wickford Walking Route 3	Wickford Eastern Link	TBC	1.9km	Desirable	S106 / other see section 2,3	£240,500	See total cost	£0	£240,500				LCWIP+
Transport, Highways	Signalisation of all approaches and adjacent circulating lanes plus 3 lanes on circulatory carriageway and all approaches excluding the western arm and a 2 lane exit on the northern arm.	A127 / A176 Noak Bridge Interchange	H5	N/A	Essential	S106	£2,500,000	£1,376,307	£0	£0				
Transport, Highways	Signalisation of all approaches and adjacent circulating lanes plus 3 lanes on circulatory carriageway and all approaches excluding the western arm and a 2 lane exit on the northern arm.	A127 / A176 Noak Bridge Interchange	H9	N/A	Essential	S106	£2,500,000	£426,829	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Highways	Signalisation of all approaches and adjacent circulating lanes plus 3 lanes on circulatory carriageway and all approaches excluding the western arm and a 2 lane exit on the northern arm.	A127 / A176 Noak Bridge Interchange	H10	N/A	Essential	S106	£2,500,000	£696,864	£0	£0				
Transport, Highways	Signalisation of the western and southern approaches and adjacent circulating lanes	Cranes Farm Road / A176 Upper Mayne / St. Nicholas Lane	H5	N/A	Essential	S106	£600,000	£330,314	£0	£0				
Transport, Highways	Signalisation of the western and southern approaches and adjacent circulating lanes	Cranes Farm Road / A176 Upper Mayne / St. Nicholas Lane	H9	N/A	Essential	S106	£600,000	£102,439	£0	£0				
Transport, Highways	Signalisation of the western and southern approaches and adjacent circulating lanes	Cranes Farm Road / A176 Upper Mayne / St. Nicholas Lane	H10	N/A	Essential	S106	£600,000	£167,247	£0	£0				
Transport, Highways	South Mayne approach as 3-lane entry and provide 3-lane circulatory between South Mayne and Broadmayne arms	Broadmayne / South Mayne / Ashlyns	H6	N/A	Essential	S106	£1,200,000	£423,744	£0	£0				
Transport, Highways	South Mayne approach as 3-lane entry and provide 3-lane circulatory between South Mayne and Broadmayne arms	Broadmayne / South Mayne / Ashlyns	H7	N/A	Essential	S106	£1,200,000	£356,164	£0	£0				
Transport, Highways	South Mayne approach as 3-lane entry and provide 3-lane circulatory between South Mayne and Broadmayne arms	Broadmayne / South Mayne / Ashlyns	H11	N/A	Essential	S106	£1,200,000	£420,091	£0	£0				
Transport, Highways	Convert to a standard roundabout with two lanes on all approaches	B1464 London Road / High Road / Clay Hill Road	H6	N/A	Essential	S106	£600,000	£211,872	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Highways	Convert to a standard roundabout with two lanes on all approaches	B1464 London Road / High Road / Clay Hill Road	H7	N/A	Essential	S106	£600,000	£178,082	£0	£0				
Transport, Highways	Convert to a standard roundabout with two lanes on all approaches	B1464 London Road / High Road / Clay Hill Road	H11	N/A	Essential	S106	£600,000	£210,046	£0	£0				
Transport, Highways	Widen 3 lane East Mayne southern approach to 3.5m per lane	Cranes Farm Road / A132 East Mayne	H5	N/A	Essential	S106	£400,000	£252,800	£0	£0				
Transport, Highways	Widen 3 lane East Mayne southern approach to 3.5m per lane	Cranes Farm Road / A132 East Mayne	H11	N/A	Essential	S106	£400,000	£147,200	£0	£0				
Transport, Highways	Signalisation of the northern approach and adjacent circulating lanes, with two lane exit on the northern and eastern arms and three lane approach on the northern arm.	A13/A176 Five Bells Interchange North	H6	N/A	Essential	S106	£900,000	£317,808	£0	£0				
Transport, Highways	Signalisation of the northern approach and adjacent circulating lanes, with two lane exit on the northern and eastern arms and three lane approach on the northern arm.	A13/A176 Five Bells Interchange North	H7	N/A	Essential	S106	£900,000	£267,123	£0	£0				
Transport, Highways	Signalisation of the northern approach and adjacent circulating lanes, with two lane exit on the northern and eastern arms and three lane approach on the northern arm.	A13/A176 Five Bells Interchange North	H11	N/A	Essential	S106	£900,000	£315,068	£0	£0				
Transport, Highways	Convert to signal roundabout	A13/A176 Five Bells Interchange South	H6	N/A	Essential	S106	£1,000,000	£353,120	£0	£0				
Transport, Highways	Convert to signal roundabout	A13/A176 Five Bells Interchange South	H7	N/A	Essential	S106	£1,000,000	£296,804	£0	£0				
Transport, Highways	Convert to signal roundabout	A13/A176 Five Bells Interchange South	H11	N/A	Essential	S106	£1,000,000	£350,076	£0	£0				
Transport, Highways	Convert to signal roundabout	A13/A132 Pitsea Interchange	H6	N/A	Essential	S106	£1,800,000	£635,616	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Highways	Convert to signal roundabout	A13/A132 Pitsea Interchange	H7	N/A	Essential	S106	£1,800,000	£534,247	£0	£0				
Transport, Highways	Convert to signal roundabout	A13/A132 Pitsea Interchange	H11	N/A	Essential	S106	£1,800,000	£630,137	£0	£0				
Transport, Highways	Extend A13 Westbound approach arm from 3 lanes to 4 lanes instead of flare	Sadlers Farm A130 / A13/ London Road	H11	N/A	Essential	S106	£360,000	£91,492	£0	£0				
Transport, Highways	Extend A13 Westbound approach arm from 3 lanes to 4 lanes instead of flare	Sadlers Farm A130 / A13/ London Road	SD3a	N/A	Essential	S106	£360,000	£268,508	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H5	N/A	Essential	S106	£1,400,000	£288,773	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H10	N/A	Essential	S106	£1,400,000	£146,214	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H11	N/A	Essential	S106	£1,400,000	£168,146	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H12	N/A	Essential	S106	£1,400,000	£402,089	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H13	N/A	Essential	S106	£1,400,000	£102,350	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H14	N/A	Essential	S106	£1,400,000	£182,768	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H15	N/A	Essential	S106	£1,400,000	£109,661	£0	£0				
Transport, Highways	Convert to signalised crossroads.	B1007 Stock Road / Queens Park Avenue / Potash Road	H16	N/A	Essential	S106	£2,300,000	See total cost	£0	£0				
Transport, Highways	Part signalisation of A132 Golden Jubilee Way	A132 Runwell Road/ A132 / Runwell Road	H12	N/A	Essential	S106	£600,000	£302,752	£0	£0				
Transport, Highways	Part signalisation of A132 Golden Jubilee Way	A132 Runwell Road/ A132 / Runwell Road	H13	N/A	Essential	S106	£600,000	£77,064	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Highways	Part signalisation of A132 Golden Jubilee Way	A132 Runwell Road/ A132 / Runwell Road	H14	N/A	Essential	S106	£600,000	£137,615	£0	£0				
Transport, Highways	Part signalisation of A132 Golden Jubilee Way	A132 Runwell Road/ A132 / Runwell Road	H15	N/A	Essential	S106	£600,000	£82,569	£0	£0				
Transport, Highways	Signalisation of the southern approach and adjacent circulating lanes.	A132 Golden Jubilee Way / Radwinter Avenue / A129 London Road	H12	N/A	Essential	S106	£300,000	£151,376	£0	£0				
Transport, Highways	Signalisation of the southern approach and adjacent circulating lanes.	A132 Golden Jubilee Way / Radwinter Avenue / A129 London Road	H13	N/A	Essential	S106	£300,000	£38,532	£0	£0				
Transport, Highways	Signalisation of the southern approach and adjacent circulating lanes.	A132 Golden Jubilee Way / Radwinter Avenue / A129 London Road	H14	N/A	Essential	S106	£300,000	£68,807	£0	£0				
Transport, Highways	Signalisation of the southern approach and adjacent circulating lanes.	A132 Golden Jubilee Way / Radwinter Avenue / A129 London Road	H15	N/A	Essential	S106	£300,000	£41,284	£0	£0				
Transport, Highways	Convert to signalised junction with a short lane for right turn movements from Runwell Road (northeast) to Church End Lane (northwest)	A132 Runwell Road/ Church End Lane	H12	N/A	Essential	S106	£1,000,000	£504,587	£0	£0				
Transport, Highways	Convert to signalised junction with a short lane for right turn movements from Runwell Road (northeast) to Church End Lane (northwest)	A132 Runwell Road/ Church End Lane	H13	N/A	Essential	S106	£1,000,000	£128,440	£0	£0				
Transport, Highways	Convert to signalised junction with a short lane for right turn movements from Runwell Road (northeast) to Church End Lane (northwest)	A132 Runwell Road/ Church End Lane	H14	N/A	Essential	S106	£1,000,000	£229,358	£0	£0				
Transport, Highways	Convert to signalised junction with a short lane for right turn movements from Runwell Road (northeast) to Church End Lane (northwest)	A132 Runwell Road/ Church End Lane	H15	N/A	Essential	S106	£1,000,000	£137,615	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Highways	Traffic redistribution on London Road East, Widen carriageway on London Road West	A129 London Road / Nevendon Road / High Street	H12	N/A	Essential	S106	£150,000	£75,688	£0	£0				
Transport, Highways	Traffic redistribution on London Road East, Widen carriageway on London Road West	A129 London Road / Nevendon Road / High Street	H13	N/A	Essential	S106	£150,000	£19,266	£0	£0				
Transport, Highways	Traffic redistribution on London Road East, Widen carriageway on London Road West	A129 London Road / Nevendon Road / High Street	H14	N/A	Essential	S106	£150,000	£34,404	£0	£0				
Transport, Highways	Traffic redistribution on London Road East, Widen carriageway on London Road West	A129 London Road / Nevendon Road / High Street	H15	N/A	Essential	S106	£150,000	£20,642	£0	£0				
Transport, Highways	Dualling of the A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	H12	N/A	Essential	S106	£20,000,000	£10,091,743	£0	£0				
Transport, Highways	Dualling of the A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	H13	N/A	Essential	S106	£20,000,000	£2,568,807	£0	£0				
Transport, Highways	Dualling of the A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	H14	N/A	Essential	S106	£20,000,000	£4,587,156	£0	£0				
Transport, Highways	Dualling of the A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	H15	N/A	Essential	S106	£20,000,000	£2,752,294	£0	£0				
Transport, Highways	Junction realignment	A127 / Cranfield Park Road, Nevendon	No specific site	N/A	Needed	S106	TBC	See total cost	£0	TBC				Scheme not costed within the Technical Note.
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H17a	N/A	Essential	S106	£200,000	£56,842	£0	£0				
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H17b	N/A	Essential	S106	£200,000	£30,526	£0	£0				

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H17c	N/A	Essential	S106	£200,000	£36,842	£0	£0				
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H17d	N/A	Essential	S106	£200,000	£54,737	£0	£0				
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H18	N/A	Essential	S106	£200,000	£21,053	£0	£0				
Transport, Highways	Billericay western link road	Billericay West	H17a	N/A	Essential	S106	£18,700,000	£5,940,000	£0	£0				Estimated project cost includes land assemblage costs of £2m
Transport, Highways	Billericay western link road	Billericay West	H17b	N/A	Essential	S106	£18,700,000	£3,190,000	£0	£0				Estimated project cost includes land assemblage costs of £2m
Transport, Highways	Billericay western link road	Billericay West	H17c	N/A	Essential	S106	£18,700,000	£3,850,000	£0	£0				Estimated project cost includes land assemblage costs of £2m
Transport, Highways	Billericay western link road	Billericay West	H17d	N/A	Essential	S106	£18,700,000	£5,720,000	£0	£0				Estimated project cost includes land assemblage costs of £2m
Transport, Highways	New link road parallel to Burnt Mills Road with banned left turn for west-bound traffic	Basildon	E5	N/A	Essential	S106	TBC	See total cost	£0	£0				
Transport, Highways	East-West link road	Tyefields / Pound Lane, East Basildon	SD3a	N/A	Essential	S106	TBC	See total cost	£0	£0				No cost estimates included within the HLDF for this project. The project not considered further in the THIA
Transport, Highways	Link road	Dunton, West Basildon	H8	N/A	Essential	S106	£3,000,000	See total cost	£0	£0				
Transport, Highways	Pound Lane Upgrades	Pound Lane, East Basildon	SD3a	N/A	Essential	S106	£4,000,000	£1,988,950	£0	£0				
Transport, Highways	Pound Lane Upgrades	Pound Lane, East Basildon	H11	N/A	Essential	S106	£4,000,000	£677,716	£0	£0				
Transport, Highways	Pound Lane Upgrades	Pound Lane, East Basildon	E5	N/A	Essential	S106	£4,000,000	£1,333,333	£0	£0				
Green Infrastructure and Open Space	Additional youth football pitches	Barleylands	No specific site	N/A	Desirable	Other, see section 3.2	TBC	See total cost	£0	TBC				Identified in the Playing Pitch Strategy and Action Plan
Green Infrastructure and Open Space	Additional youth football pitches	Basildon	No specific site	N/A	Desirable	Other, see section 3.2	TBC	See total cost	£0	TBC				Identified in the Playing Pitch Strategy and Action Plan
Green Infrastructure and Open Space	2 full size 3G football pitches	Billericay	No specific site	N/A	Desirable	Other, see section 3.2	TBC	See total cost	£0	TBC				Identified in the Playing Pitch Strategy and Action Plan
Green Infrastructure and Open Space	Additional capacity of cricket pitches for 70 match sessions	Billericay	No specific site	N/A	Desirable	Other, see section 3.2	TBC	See total cost	£0	TBC				Identified in the Playing Pitch Strategy and Action Plan
Green Infrastructure and Open Space	Additional capacity of rugby union pitches for 4.25 match sessions	Billericay	No specific site	N/A	Desirable	Other, see section 3.2	TBC	See total cost	£0	TBC				Identified in the Playing Pitch Strategy and Action Plan

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11+ yrs	
Transport, Cycling projects	On-road route along Tyefields and signed quietway along Trenham Avenue, linking existing NCN 16 with potential development site	East of Basildon	SD3a	N/A	Essential	S106	£150,000	See total cost	£0	£0				

Table 4.2 Infrastructure Schedule Part 2 - presented by Local Plan site allocation

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£1,407,085	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£4,690,282	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£3,624,974	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£724,072	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land West of Gardiners Lane South, Basildon	H5	0.491 ha	Essential	S106	£835,132	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land West of Gardiners Lane South, Basildon	H5	1.572 ha	Essential	S106	£23,580	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land West of Gardiners Lane South, Basildon	H5	1.179 ha	Essential	S106	£17,685	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land West of Gardiners Lane South, Basildon	H5	3.537 ha	Essential	S106	£53,055	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£390,123	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£61,462	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£783,716	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£152,279	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details

Transport, Bus projects	Increased frequency Extended hours Provision of bus shelters / up graded and additional stops Provision of highway infrastructure / bus priority measures	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£1,125,000	See total cost	£0	£0			
Transport, Cycling projects	Improve/upgrade existing off-road cycle routes along Cranes Farm Road towards Basildon Town Centre	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£1,153,026	£1,053,026	£0	£0			
Transport, Cycling projects	Provide route along Church Road N-S link between A1235 and A1321 (11 in CAP). Providing more direct route between site and Basildon Town Centre.	Land West of Gardiners Lane South, Basildon	H5	N/A	Essential	S106	£1,153,026	£100,000	£0	£0			
Transport, Highways	Signalisation of all approaches and adjacent circulating lanes plus 3 lanes on circulatory carriageway and all approaches excluding the western arm and a 2 lane exit on the northern arm.	A127 / A176 Noak Bridge Interchange	H5	N/A	Essential	S106	£2,500,000	£1,376,307	£0	£0			
Transport, Highways	Signalisation of the western and southern approaches and adjacent circulating lanes	Cranes Farm Road / A176 Upper Mayne / St. Nicholas Lane	H5	N/A	Essential	S106	£600,000	£330,314	£0	£0			
Transport, Highways	Widen 3 lane East Mayne southern approach to 3.5m per lane	Cranes Farm Road / A132 East Mayne	H5	N/A	Essential	S106	£400,000	£252,800	£0	£0			
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H5	N/A	Essential	S106	£1,400,000	£288,773	£0	£0			
Total							£17,289,666						
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure	Notes	

						(S106 / other)								
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£695,873	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£2,754,799	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£2,129,099	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£425,278	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North of Dry Street, Basildon	H6	0.289 ha	Essential	S106	£490,508	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North of Dry Street, Basildon	H6	0.923 ha	Essential	S106	£13,850	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North of Dry Street, Basildon	H6	0.692 ha	Essential	S106	£10,387	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North of Dry Street, Basildon	H6	2.077 ha	Essential	S106	£31,162	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£229,136	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£36,099	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£460,259	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	£89,440	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	New bus service to Dry Street Bus lane contributions on Nethermayne	Basildon	H6	N/A	Essential	S106	£2,000,000	See total cost	£0	£0				
Transport, Cycling projects	No projects identified to date	Land North of Dry Street, Basildon	H6	N/A	Essential	S106	-	£0	£0	TBC				
Transport, Highways	South Mayne approach as 3-lane entry and provide 3-lane circulatory	Broadmayne / South Mayne / Ashlyns	H6	N/A	Essential	S106	£1,200,000	£423,744	£0	£0				

	between South Mayne and Broadmayne arms													
Transport, Highways	Convert to a standard roundabout with two lanes on all approaches	B1464 London Road / High Road / Clay Hill Road	H6	N/A	Essential	S106	£600,000	£211,872	£0	£0				
Transport, Highways	Signalisation of the northern approach and adjacent circulating lanes, with two lane exit on the northern and eastern arms and three lane approach on the northern arm.	A13/A176 Five Bells Interchange North	H6	N/A	Essential	S106	£900,000	£317,808	£0	£0				
Transport, Highways	Convert to signal roundabout	A13/A176 Five Bells Interchange South	H6	N/A	Essential	S106	£1,000,000	£353,120	£0	£0				
Transport, Highways	Convert to signal roundabout	A13/A132 Pitsea Interchange	H6	N/A	Essential	S106	£1,800,000	£635,616	£0	£0				
Total							£11,308,050							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land North of London Road, Vange	H7	N/A	Essential	S106	£694,637	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land North of London Road, Vange	H7	N/A	Essential	S106	£1,949,644	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North of London Road, Vange	H7	N/A	Essential	S106	£1,789,544	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land North of London Road, Vange	H7	N/A	Essential	S106	£357,453	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North of London Road, Vange	H7	0.243 ha	Essential	S106	£412,281	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North of London Road, Vange	H7	0.776 ha	Essential	S106	£11,641	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North of London Road, Vange	H7	0.582 ha	Essential	S106	£8,731	See total cost	£0	£0				

Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North of London Road, Vange	H7	1.746 ha	Essential	S106	£26,192	See total cost	£0	£0			
Healthcare	Healthcare contribution	Land North of London Road, Vange	H7	N/A	Essential	S106	£192,593	See total cost	£0	£0			Specific project to be confirmed
Libraries	Library infrastructure improvements	Land North of London Road, Vange	H7	N/A	Essential	S106	£30,342	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North of London Road, Vange	H7	N/A	Essential	S106	£386,872	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land North of London Road, Vange	H7	N/A	Essential	S106	£75,173	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Increased frequency Rerouting of bus through site H7b Provision of bus shelters/ up graded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service in south Basildon	Land North of London Road, Vange	H7	N/A	Essential	S106	£1,695,000	See total cost	£0	£0			
Transport, Cycling projects	Provision of an off-road cycle route along London Road from Nether Mayne roundabout to start of identified flagship route 1 (CAP).	Land North of London Road, Vange	H7	N/A	Essential	S106	£1,000,000	See total cost	£0	£0			
Transport, Highways	South Mayne approach as 3-lane entry and provide 3-lane circulatory between South Mayne and Broadmayne arms	Broadmayne / South Mayne / Ashlyns	H7	N/A	Essential	S106	£1,200,000	£356,164	£0	£0			
Transport, Highways	Convert to a standard roundabout with two lanes on all approaches	B1464 London Road / High Road / Clay Hill Road	H7	N/A	Essential	S106	£600,000	£178,082	£0	£0			
Transport, Highways	Signalisation of the northern approach and adjacent circulating lanes, with two lane exit on the northern and eastern arms and three lane approach on the northern arm.	A13/A176 Five Bells Interchange North	H7	N/A	Essential	S106	£900,000	£267,123	£0	£0			

Transport, Highways	Convert to signal roundabout	A13/A176 Five Bells Interchange South	H7	N/A	Essential	S106	£1,000,000	£296,804	£0	£0				
Transport, Highways	Convert to signal roundabout	A13/A132 Pitsea Interchange	H7	N/A	Essential	S106	£1,800,000	£534,247	£0	£0				
Total							£10,262,521							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	West of Basildon	H8	N/A	Essential	S106	£449,918	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	West of Basildon	H8	N/A	Essential	S106	£1,499,726	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	West of Basildon	H8	N/A	Essential	S106	£1,376,573	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	West of Basildon	H8	N/A	Essential	S106	£274,964	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	West of Basildon	H8	0.187 ha	Essential	S106	£317,139	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	West of Basildon	H8	0.597 ha	Essential	S106	£8,955	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	West of Basildon	H8	0.448 ha	Essential	S106	£6,716	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	West of Basildon	H8	1.343 ha	Essential	S106	£20,148	See total cost	£0	£0				
Healthcare	Healthcare contribution	West of Basildon	H8	N/A	Essential	S106	£148,148	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	West of Basildon	H8	N/A	Essential	S106	£23,340	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	West of Basildon	H8	N/A	Essential	S106	£297,533	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	West of Basildon	H8	N/A	Essential	S106	£57,822	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details

Transport, Bus projects	Contribution towards new or diverted service Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	West of Basildon	H8	N/A	Essential	S106	£1,225,000	See total cost	£0	£0				
Transport, Cycling projects	Connect site to existing off-road network at Mandeville Way.	West of Basildon	H8	N/A	Essential	S106	£50,000	See total cost	£0	£0				
Transport, Highways	Link road	Dunton, West Basildon	H8	N/A	Essential	S106	£3,000,000	See total cost	£0	£0				
Total							£8,755,980							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£367,433	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£1,224,776	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£1,124,201	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£224,554	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land West of Steeple View, Laindon	H9	0.152 ha	Essential	S106	£258,997	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land West of Steeple View, Laindon	H9	0.488 ha	Essential	S106	£7,313	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land West of Steeple View, Laindon	H9	0.366 ha	Essential	S106	£5,485	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land West of Steeple View, Laindon	H9	1.097 ha	Essential	S106	£16,454	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£120,988	See total cost	£0	£0				Specific project to be confirmed

Libraries	Library infrastructure improvements	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£19,061	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified	
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£242,892	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator	
Sports Facilities	Playing pitch contribution	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£47,199	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details	
Transport, Bus projects	Increase frequency of route 256 Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£655,000	See total cost	£0	£0				
Transport, Cycling projects	Connect site to existing off-road network on A176.	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£378,808	£50,000	£0	£0				
Transport, Cycling projects	Contribution towards AQMP OBC project FR1A	Land West of Steeple View, Laindon	H9	N/A	Essential	S106	£378,808	£328,808	£0	£0				
Transport, Highways	Signalisation of all approaches and adjacent circulating lanes plus 3 lanes on circulatory carriageway and all approaches excluding the western arm and a 2 lane exit on the northern arm.	A127 / A176 Noak Bridge Interchange	H9	N/A	Essential	S106	£2,500,000	£426,829	£0	£0				
Transport, Highways	Signalisation of the western and southern approaches and adjacent circulating lanes	Cranes Farm Road / A176 Upper Mayne / St. Nicholas Lane	H9	N/A	Essential	S106	£600,000	£102,439	£0	£0				
Total							£5,222,428							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	

Education	Early years and childcare	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£712,448	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£1,999,634	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£1,835,430	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£366,619	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land East of Noak Bridge, Basildon	H10	0.249 ha	Essential	S106	£422,852	See total cost	£0	£0			
Green Infrastructure and Open Space	Public parks and gardens	Land East of Noak Bridge, Basildon	H10	0.796 ha	Essential	S106	£11,939	See total cost	£0	£0			
Green Infrastructure and Open Space	Amenity greenspace	Land East of Noak Bridge, Basildon	H10	0.597 ha	Essential	S106	£8,955	See total cost	£0	£0			
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land East of Noak Bridge, Basildon	H10	1.791 ha	Essential	S106	£26,864	See total cost	£0	£0			
Healthcare	Healthcare contribution	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£197,531	See total cost	£0	£0			Specific project to be confirmed
Libraries	Library infrastructure improvements	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£31,120	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£396,844	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£77,106	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Upgraded and additional stops Provision of highway infrastructure / bus priority measures Increase frequency of route 10 (in conjunction with other sites).	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£1,105,000	See total cost	£0	£0			
Transport, Cycling projects	Connect site to existing off-road network starting at Coppice Lane, Noak Bridge.	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£378,808	£50,000	£0	£0			

Transport, Cycling projects	Contribution towards AQMP OBC project FR1A	Land East of Noak Bridge, Basildon	H10	N/A	Essential	S106	£378,808	£328,808	£0	£0				
Transport, Highways	Signalisation of all approaches and adjacent circulating lanes plus 3 lanes on circulatory carriageway and all approaches excluding the western arm and a 2 lane exit on the northern arm.	A127 / A176 Noak Bridge Interchange	H10	N/A	Essential	S106	£2,500,000	£696,864	£0	£0				
Transport, Highways	Signalisation of the western and southern approaches and adjacent circulating lanes	Cranes Farm Road / A176 Upper Mayne / St. Nicholas Lane	H10	N/A	Essential	S106	£600,000	£167,247	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H10	N/A	Essential	S106	£1,400,000	£146,214	£0	£0				
Total							£8,581,474							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	East of Basildon	H11	N/A	Essential	S106	£819,315	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	East of Basildon	H11	N/A	Essential	S106	£2,731,050	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	East of Basildon	H11	N/A	Essential	S106	£2,213,197	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	East of Basildon	H11	N/A	Essential	S106	£421,611	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	East of Basildon	H11	0.286 ha	Essential	S106	£486,280	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	East of Basildon	H11	0.915 ha	Essential	S106	£13,730	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	East of Basildon	H11	0.687 ha	Essential	S106	£10,298	See total cost	£0	£0				

Green Infrastructure and Open Space	Natural and semi-natural greenspace	East of Basildon	H11	2.06 ha	Essential	S106	£30,893	See total cost	£0	£0			
Healthcare	Healthcare contribution	East of Basildon	H11	N/A	Essential	S106	£227,160	See total cost	£0	£0			Specific project to be confirmed
Libraries	Library infrastructure improvements	East of Basildon	H11	N/A	Essential	S106	£35,788	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	East of Basildon	H11	N/A	Essential	S106	£456,270	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	East of Basildon	H11	N/A	Essential	S106	£88,660	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Crossing to improve access on London Road and Tyefields Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service in south east Basildon	East of Basildon	H11	N/A	Essential	S106	£500,000	See total cost	£0	£0			
Transport, Cycling projects	On-road route along Tyefields and signed quietway along Trenham Avenue, linking existing NCN 16 with potential development site	East of Basildon	H11	N/A	Essential	S106	£50,000	See total cost	£0	£0			
Transport, Highways	South Mayne approach as 3-lane entry and provide 3-lane circulatory between South Mayne and Broadmayne arms	Broadmayne / South Mayne / Ashlyns	H11	N/A	Essential	S106	£1,200,000	£420,091	£0	£0			
Transport, Highways	Convert to a standard roundabout with two lanes on all approaches	B1464 London Road / High Road / Clay Hill Road	H11	N/A	Essential	S106	£600,000	£210,046	£0	£0			
Transport, Highways	Widen 3 lane East Mayne southern approach to 3.5m per lane	Cranes Farm Road / A132 East Mayne	H11	N/A	Essential	S106	£400,000	£147,200	£0	£0			
Transport, Highways	Signalisation of the northern approach and adjacent circulating lanes, with two lane exit on the northern and eastern arms and	A13/A176 Five Bells Interchange North	H11	N/A	Essential	S106	£900,000	£315,068	£0	£0			

	three lane approach on the northern arm.													
Transport, Highways	Convert to signal roundabout	A13/A176 Five Bells Interchange South	H11	N/A	Essential	S106	£1,000,000	£350,076	£0	£0				
Transport, Highways	Convert to signal roundabout	A13/A132 Pitsea Interchange	H11	N/A	Essential	S106	£1,800,000	£630,137	£0	£0				
Transport, Highways	Extend A13 Westbound approach arm from 3 lanes to 4 lanes instead of flare	Sadlers Farm A130 / A13/ London Road	H11	N/A	Essential	S106	£360,000	£91,492	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H11	N/A	Essential	S106	£1,400,000	£168,146	£0	£0				
Transport, Highways	Pound Lane Upgrades	Pound Lane, East Basildon	H11	N/A	Essential	S106	£4,000,000	£677,716	£0	£0				
Total							£11,094,225							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land South of Wickford	H12	N/A	Essential	S106	£1,959,232	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land South of Wickford	H12	N/A	Essential	S106	£6,530,773	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land South of Wickford	H12	N/A	Essential	S106	£5,047,433	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land South of Wickford	H12	N/A	Essential	S106	£1,008,201	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land South of Wickford	H12	0.684 ha	Essential	S106	£1,162,843	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land South of Wickford	H12	2.189 ha	Essential	S106	£32,833	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land South of Wickford	H12	1.642 ha	Essential	S106	£24,625	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land South of Wickford	H12	4.925 ha	Essential	S106	£73,875	See total cost	£0	£0				

Healthcare	Healthcare contribution	Land South of Wickford	H12	N/A	Essential	S106	£543,210	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land South of Wickford	H12	N/A	Essential	S106	£85,580	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land South of Wickford	H12	N/A	Essential	S106	£1,091,219	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land South of Wickford	H12	N/A	Essential	S106	TBC	See total cost	£0	TBC				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Possible contribution towards new service	Land South of Wickford	H12	N/A	Essential	S106	£3,200,000	See total cost	£0	£0				
Transport, Cycling projects	New cycle route linking site in SE Wickford to Wickford Business Park (12 in CAP)	Land South of Wickford	H12	N/A	Essential	S106	£550,000	£500,000	£0	£0				
Transport, Cycling projects	Connect site to existing network at junction Cranfield Park Rd and Salcott Cres.	Land South of Wickford	H12	N/A	Essential	S106	£550,000	£50,000	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H12	N/A	Essential	S106	£1,400,000	£402,089	£0	£0				
Transport, Highways	Part signalisation of A132 Golden Jubilee Way	A132 Runwell Road/A132 / Runwell Road	H12	N/A	Essential	S106	£600,000	£302,752	£0	£0				
Transport, Highways	Signalisation of the southern approach and adjacent circulating lanes.	A132 Golden Jubilee Way / Radwinter Avenue / A129 London Road	H12	N/A	Essential	S106	£300,000	£151,376	£0	£0				
Transport, Highways	Convert to signalised junction with a short lane for right turn movements from Runwell Road (northeast) to Church End Lane (northwest)	A132 Runwell Road/ Church End Lane	H12	N/A	Essential	S106	£1,000,000	£504,587	£0	£0				
Transport, Highways	Traffic redistribution on London Road East, Widen carriageway on London Road West	A129 London Road / Nevendon Road / High Street	H12	N/A	Essential	S106	£150,000	£75,688	£0	£0				

Transport, Highways	Dualling of the A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	H12	N/A	Essential	S106	£20,000,000	£10,091,743	£0	£0				
Total							£32,838,058							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£419,923	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£1,399,744	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£1,284,801	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£256,633	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North of Southend Road, Shotgate, Wickford	H13	0.174 ha	Essential	S106	£295,996	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North of Southend Road, Shotgate, Wickford	H13	0.557 ha	Essential	S106	£8,358	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North of Southend Road, Shotgate, Wickford	H13	0.418 ha	Essential	S106	£6,268	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North of Southend Road, Shotgate, Wickford	H13	1.254 ha	Essential	S106	£18,804	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land North of Southend Road, Shotgate	H13	N/A	Essential	S106	£138,272	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	£21,784	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	£277,591	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator

Sports Facilities	Playing pitch contribution	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	TBC	See total cost	£0	TBC			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	New or diverted route Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	£900,000	See total cost	£0	£0			
Transport, Cycling projects	Contribute to new off-road cycle route linking site with Wickford Town Centre along Southend Rd A129. No existing network nearby.	Land North of Southend Road, Shotgate, Wickford	H13	N/A	Essential	S106	£1,000,000	See total cost	£0	£0			
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H13	N/A	Essential	S106	£1,400,000	£102,350	£0	£0			
Transport, Highways	Part signalisation of A132 Golden Jubilee Way	A132 Runwell Road/ A132 / Runwell Road	H13	N/A	Essential	S106	£600,000	£77,064	£0	£0			
Transport, Highways	Signalisation of the southern approach and adjacent circulating lanes.	A132 Golden Jubilee Way / Radwinter Avenue / A129 London Road	H13	N/A	Essential	S106	£300,000	£38,532	£0	£0			
Transport, Highways	Convert to signalised junction with a short lane for right turn movements from Runwell Road (northeast) to Church End Lane (northwest)	A132 Runwell Road/ Church End Lane	H13	N/A	Essential	S106	£1,000,000	£128,440	£0	£0			
Transport, Highways	Traffic redistribution on London Road East, Widen carriageway on London Road West	A129 London Road / Nevendon Road / High Street	H13	N/A	Essential	S106	£150,000	£19,266	£0	£0			
Transport, Highways	Dualling of the A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	H13	N/A	Essential	S106	£20,000,000	£2,568,807	£0	£0			
Total							£8,962,634						
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure	Notes	

											1-5 yrs	6- 10yrs	11 yrs+	
Education	Early years and childcare	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£749,863	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£2,499,543	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£2,294,288	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£458,273	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land South of Barn Hall, Wickford	H14	0.311 ha	Essential	S106	£528,565	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land South of Barn Hall, Wickford	H14	0.995 ha	Essential	S106	£14,924	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land South of Barn Hall, Wickford	H14	0.746 ha	Essential	S106	£11,193	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land South of Barn Hall, Wickford	H14	2.239 ha	Essential	S106	£33,579	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£246,914	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£38,900	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£496,154	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	TBC	See total cost	£0	TBC				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Extended service on route 13/4 to link to Basildon (with other sites). Increased frequency on route 10 (alongside other sites) Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£1,100,000	See total cost	£0	£0				

Transport, Cycling projects	Connect site to Wickford Railway Station and Town Centre . Close to potential N-S route along Swan Lane to Station Avenue	Land South of Barn Hall, Wickford	H14	N/A	Essential	S106	£100,000	See total cost	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H14	N/A	Essential	S106	£1,400,000	£182,768	£0	£0				
Transport, Highways	Part signalisation of A132 Golden Jubilee Way	A132 Runwell Road/ A132 / Runwell Road	H14	N/A	Essential	S106	£600,000	£137,615	£0	£0				
Transport, Highways	Signalisation of the southern approach and adjacent circulating lanes.	A132 Golden Jubilee Way / Radwinter Avenue / A129 London Road	H14	N/A	Essential	S106	£300,000	£68,807	£0	£0				
Transport, Highways	Convert to signalised junction with a short lane for right turn movements from Runwell Road (northeast) to Church End Lane (northwest)	A132 Runwell Road/ Church End Lane	H14	N/A	Essential	S106	£1,000,000	£229,358	£0	£0				
Transport, Highways	Traffic redistribution on London Road East, Widen carriageway on London Road West	A129 London Road / Nevendon Road / High Street	H14	N/A	Essential	S106	£150,000	£34,404	£0	£0				
Transport, Highways	Dualling of the A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	H14	N/A	Essential	S106	£20,000,000	£4,587,156	£0	£0				
Total							£13,812,303							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£449,918	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£1,499,726	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£1,376,573	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Education	Post-16	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£274,964	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North of the London Road, Wickford	H15	0.187 ha	Essential	S106	£317,139	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North of the London Road, Wickford	H15	0.597 ha	Essential	S106	£8,955	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North of the London Road, Wickford	H15	0.448 ha	Essential	S106	£6,716	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North of the London Road, Wickford	H15	1.343 ha	Essential	S106	£20,148	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£148,148	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£23,340	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£297,533	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land North of the London Road, Wickford	H15	N/A	Essential	S106	TBC	See total cost	£0	TBC				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Increase frequency on route 12 Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£800,000	See total cost	£0	£0				
Transport, Cycling projects	Contribute to new off-road cycle route E-W along London Road from site towards Wickford TC	Land North of the London Road, Wickford	H15	N/A	Essential	S106	£100,000	See total cost	£0	£0				
Transport, Highways	Signal Roundabout with dedicated A1245 N to A129 E slip and widening	A1245 Chelmsford Road/A129 London Road	H15	N/A	Essential	S106	£1,400,000	£109,661	£0	£0				
Transport, Highways	Part signalisation of A132 Golden Jubilee Way	A132 Runwell Road/A132 / Runwell Road	H15	N/A	Essential	S106	£600,000	£82,569	£0	£0				

Transport, Highways	Signalisation of the southern approach and adjacent circulating lanes.	A132 Golden Jubilee Way / Radwinter Avenue / A129 London Road	H15	N/A	Essential	S106	£300,000	£41,284	£0	£0				
Transport, Highways	Convert to signalised junction with a short lane for right turn movements from Runwell Road (northeast) to Church End Lane (northwest)	A132 Runwell Road/ Church End Lane	H15	N/A	Essential	S106	£1,000,000	£137,615	£0	£0				
Transport, Highways	Traffic redistribution on London Road East, Widen carriageway on London Road West	A129 London Road / Nevendon Road / High Street	H15	N/A	Essential	S106	£150,000	£20,642	£0	£0				
Transport, Highways	Dualling of the A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	A132 between the Ba4 (A127 / A132 interchange) and W5 (Darby Digger Roundabout)	H15	N/A	Essential	S106	£20,000,000	£2,752,294	£0	£0				
Total							£8,467,222							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£382,430	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£1,274,767	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£1,170,087	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£233,719	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land North East of Potash Road, Billericay	H16	0.159 ha	Essential	S106	£269,568	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land North East of Potash Road, Billericay	H16	0.507 ha	Essential	S106	£7,611	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land North East of Potash Road, Billericay	H16	0.381 ha	Essential	S106	£5,708	See total cost	£0	£0				

Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land North East of Potash Road, Billericay	H16	1.142 ha	Essential	S106	£17,125	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£125,926	See total cost	£0	£0			Specific project to be confirmed	
Libraries	Library infrastructure improvements	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£19,839	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified	
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£252,863	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator	
Sports Facilities	Playing pitch contribution	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£79,095	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details	
Transport, Bus projects	Provision of bus shelters / upgraded and additional stops Bus frequency improvements Provision of highway infrastructure / bus priority measures Crossing on Stock Road to improve access	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£930,000	See total cost	£0	£0				
Transport, Cycling projects	Connect site to existing National Cycle Route.	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£150,000	£50,000	£0	£0				
Transport, Cycling projects	New cycle from site to Billericay Town Centre via Stock Rd or Potash Rd then Norsey Rd.	Land North East of Potash Road, Billericay	H16	N/A	Essential	S106	£150,000	£100,000	£0	£0				
Transport, Highways	Convert to signalised crossroads.	B1007 Stock Road / Queens Park Avenue / Potash Road	H16	N/A	Essential	S106	£2,300,000	See total cost	£0	£0				
Total							£7,218,740							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	South West Billericay	H17a	N/A	Essential	S106	£961,805	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	South West Billericay	H17a	N/A	Essential	S106	£3,206,016	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Education	Secondary	South West Billericay	H17a	N/A	Essential	S106	£2,477,831	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Post-16	South West Billericay	H17a	N/A	Essential	S106	£494,935	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	South West Billericay	H17a	0.336 ha	Essential	S106	£570,850	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	South West Billericay	H17a	1.075 ha	Essential	S106	£16,118	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	South West Billericay	H17a	0.806 ha	Essential	S106	£12,089	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	South West Billericay	H17a	2.418 ha	Essential	S106	£36,266	See total cost	£0	£0				
Healthcare	Healthcare contribution	South West Billericay	H17a	N/A	Essential	S106	£266,667	See total cost	£0	£0			Specific project to be confirmed	
Libraries	Library infrastructure improvements	South West Billericay	H17a	N/A	Essential	S106	£42,012	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified	
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	South West Billericay	H17a	N/A	Essential	S106	£535,639	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator	
Sports Facilities	Playing pitch contribution	South West Billericay	H17a	N/A	Essential	S106	£167,589	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details	
Transport, Bus projects	New or diverted bus route Increase frequency and rerouting of route 256 and 12 Provision of bus shelters / upgraded and additional stops	South West Billericay	H17a	N/A	Essential	S106	£4,500,000	£1,429,412	£0	£0			Total costs identified for H17 is £4.5m. Estimated costs proportionally distributed between the four H17 sites based on dwelling numbers	
Transport, Cycling projects	Cycle route from site to High Street, Billericay through provision of relevant parts of potential routes 7, 8 and 9 in CAP.	South West Billericay	H17a	N/A	Essential	S106	£1,600,000	£508,235	£0	£0				
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H17a	N/A	Essential	S106	£200,000	£56,842	£0	£0				
Transport, Highways	Billericay western link road	Billericay West	H17a	N/A	Essential	S106	£18,700,000	£5,940,000	£0	£0			Estimated project cost includes land assemblage costs of £2m	
Total							£16,722,305							

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	South West Billericay	H17b	N/A	Essential	S106	£516,525	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	South West Billericay	H17b	N/A	Essential	S106	£1,721,749	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	South West Billericay	H17b	N/A	Essential	S106	£1,330,687	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	South West Billericay	H17b	N/A	Essential	S106	£265,798	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	South West Billericay	H17b	0.18 ha	Essential	S106	£306,568	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	South West Billericay	H17b	0.577 ha	Essential	S106	£8,656	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	South West Billericay	H17b	0.433 ha	Essential	S106	£6,492	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	South West Billericay	H17b	1.298 ha	Essential	S106	£19,476	See total cost	£0	£0				
Healthcare	Healthcare contribution	South West Billericay	H17b	N/A	Essential	S106	£143,210	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	South West Billericay	H17b	N/A	Essential	S106	£22,562	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	South West Billericay	H17b	N/A	Essential	S106	£287,562	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	South West Billericay	H17b	N/A	Essential	S106	£89,969	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	New or diverted bus route Increase frequency and rerouting of route 256 and 12 Provision of bus shelters / upgraded and additional stops	South West Billericay	H17b	N/A	Essential	S106	£4,500,000	£767,647	£0	£0				Total costs identified for H17 is £4.5m. Estimated costs proportionally distributed between the four H17 sites based on dwelling numbers

Transport, Cycling projects	Cycle route from site to High Street, Billericay through provision of relevant parts of potential routes 7, 8 and 9 in CAP. New cycle route along Billericay western link road*	South West Billericay	H17b	N/A	Essential	S106	£1,600,000	£272,941	£0	£0				
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H17b	N/A	Essential	S106	£200,000	£30,526	£0	£0				
Transport, Highways	Billericay western link road	Billericay West	H17b	N/A	Essential	S106	£18,700,000	£3,190,000	£0	£0			Estimated project cost includes land assemblage costs of £2m	
Total							£8,980,368							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	South West Billericay	H17c	N/A	Essential	S106	£623,392	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Primary	South West Billericay	H17c	N/A	Essential	S106	£2,077,973	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Secondary	South West Billericay	H17c	N/A	Essential	S106	£1,606,001	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Post-16	South West Billericay	H17c	N/A	Essential	S106	£320,791	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	South West Billericay	H17c	0.218 ha	Essential	S106	£369,995	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	South West Billericay	H17c	0.696 ha	Essential	S106	£10,447	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	South West Billericay	H17c	0.522 ha	Essential	S106	£7,835	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	South West Billericay	H17c	1.567 ha	Essential	S106	£23,506	See total cost	£0	£0				
Healthcare	Healthcare contribution	South West Billericay	H17c	N/A	Essential	S106	£172,840	See total cost	£0	£0			Specific project to be confirmed	
Libraries	Library infrastructure improvements	South West Billericay	H17c	N/A	Essential	S106	£27,230	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified	

Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	South West Billericay	H17c	N/A	Essential	S106	£347,387	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator	
Sports Facilities	Playing pitch contribution	South West Billericay	H17c	N/A	Essential	S106	£108,680	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details	
Transport, Bus projects	New or diverted bus route Increase frequency and rerouting of route 256 and 12 Provision of bus shelters / upgraded and additional stops	South West Billericay	H17c	N/A	Essential	S106	£4,500,000	£926,471	£0	£0			Total costs identified for H17 is £4.5m. Estimated costs proportionally distributed between the four H17 sites based on dwelling numbers	
Transport, Cycling projects	Cycle route from site to High Street, Billericay through provision of relevant parts of potential routes 7, 8 and 9 in CAP. New cycle route along Billericay western link road*	South West Billericay	H17c	N/A	Essential	S106	£1,600,000	£329,412	£0	£0				
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H17c	N/A	Essential	S106	£200,000	£36,842	£0	£0				
Transport, Highways	Billericay western link road	Billericay West	H17c	N/A	Essential	S106	£18,700,000	£3,850,000	£0	£0			Estimated project cost includes land assemblage costs of £2m	
Total							£10,838,801							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	South West Billericay	H17d	N/A	Essential	S106	£926,182	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Primary	South West Billericay	H17d	N/A	Essential	S106	£3,087,274	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Secondary	South West Billericay	H17d	N/A	Essential	S106	£2,386,059	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Post-16	South West Billericay	H17d	N/A	Essential	S106	£476,604	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	South West Billericay	H17d	0.323 ha	Essential	S106	£549,707	See total cost	£0	£0				

Green Infrastructure and Open Space	Public parks and gardens	South West Billericay	H17d	1.035 ha	Essential	S106	£15,521	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	South West Billericay	H17d	0.776 ha	Essential	S106	£11,641	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	South West Billericay	H17d	2.328 ha	Essential	S106	£34,923	See total cost	£0	£0				
Healthcare	Healthcare contribution	South West Billericay	H17d	N/A	Essential	S106	£256,790	See total cost	£0	£0			Specific project to be confirmed	
Libraries	Library infrastructure improvements	South West Billericay	H17d	N/A	Essential	S106	£40,456	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified	
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	South West Billericay	H17d	N/A	Essential	S106	£515,697	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator	
Sports Facilities	Playing pitch contribution	South West Billericay	H17d	N/A	Essential	S106	£161,349	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details	
Transport, Bus projects	New or diverted bus route Increase frequency and rerouting of route 256 and 12 Provision of bus shelters / upgraded and additional stops	South West Billericay	H17d	N/A	Essential	S106	£4,500,000	£1,376,471	£0	£0			Total costs identified for H17 is £4.5m. Estimated costs proportionally distributed between the four H17 sites based on dwelling numbers	
Transport, Cycling projects	Cycle route from site to High Street, Billericay through provision of relevant parts of potential routes 7, 8 and 9 in CAP. New cycle route along Billericay western link road*	South West Billericay	H17d	N/A	Essential	S106	£1,600,000	£489,412	£0	£0				
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H17d	N/A	Essential	S106	£200,000	£54,737	£0	£0				
Transport, Highways	Billericay western link road	Billericay West	H17d	N/A	Essential	S106	£18,700,000	£5,720,000	£0	£0			Estimated project cost includes land assemblage costs of £2m	
Total							£16,102,823							

Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£299,945	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£999,817	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£917,715	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£183,309	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land South of Windmill Heights, Billericay	H18	0.124 ha	Essential	S106	£211,426	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land South of Windmill Heights, Billericay	H18	0.398 ha	Essential	S106	£5,970	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land South of Windmill Heights, Billericay	H18	0.298 ha	Essential	S106	£4,477	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land South of Windmill Heights, Billericay	H18	0.895 ha	Essential	S106	£13,432	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£98,765	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£15,560	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£198,223	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£62,012	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Rerouting of service 12 to provide access to site H18 and the south eastern extent of H17. Increase frequency of route 12 pooled with other sites	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£540,000	See total cost	£0	£0				

	Provision of bus shelters / upgraded and additional stops													
Transport, Cycling projects	Cycle route from site to High Street, Billericay	Land South of Windmill Heights, Billericay	H18	N/A	Essential	S106	£500,000	See total cost	£0	£0				
Transport, Highways	Billericay two-way implementation	Southern A176 Laindon Road	H18	N/A	Essential	S106	£200,000	£21,053	£0	£0				
Total							£4,071,704							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£599,890	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£1,999,634	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£1,835,430	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£366,619	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land East of Green Farm Lane, Billericay	H19	0.249 ha	Essential	S106	£422,852	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land East of Green Farm Lane, Billericay	H19	0.796 ha	Essential	S106	£11,939	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land East of Green Farm Lane, Billericay	H19	0.597 ha	Essential	S106	£8,955	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land East of Green Farm Lane, Billericay	H19	1.791 ha	Essential	S106	£26,864	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£197,531	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£31,120	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified

Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£396,844	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator	
Sports Facilities	Playing pitch contribution	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£124,156	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details	
Transport, Bus projects	Provision of bus shelters / upgraded and additional stops Improvements to operating times of bus route 9 Provision of highway infrastructure / bus priority measures Crossing improvement on Greens Farm Lane	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£1,100,000	See total cost	£0	£0				
Transport, Cycling projects	No existing or potential routes identified nearby. Potential to provide cycle routes from north and south of site to extension to Mill Meadows (centre of site) for recreational purposes.	Land East of Green Farm Lane, Billericay	H19	N/A	Essential	S106	£50,000	See total cost	£0	£0				
Total							£7,171,833							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£284,948	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Primary	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£949,826	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Secondary	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£871,829	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Education	Post-16	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£174,144	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)	
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land East of Southend Road, Billericay	H20	0.118 ha	Essential	S106	£200,855	See total cost	£0	£0				

Green Infrastructure and Open Space	Public parks and gardens	Land East of Southend Road, Billericay	H20	0.378 ha	Essential	S106	£5,671	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land East of Southend Road, Billericay	H20	0.284 ha	Essential	S106	£4,253	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land East of Southend Road, Billericay	H20	0.851 ha	Essential	S106	£12,760	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£93,827	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£14,782	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£188,650	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£59,018	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Crossing improvements to improve access Increase frequency of route 12 pooled with other sites Provision of bus shelters / upgraded and additional stops	Land East of Southend Road, Billericay	H20	N/A	Essential	S106	£760,000	See total cost	£0	£0				
Total							£3,620,564							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land East of Laindon Road, Billericay	H21a	0.004 ha	Essential	S106	£6,343	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land East of Laindon Road, Billericay	H21a	0.012 ha	Essential	S106	£179	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land East of Laindon Road, Billericay	H21a	0.009 ha	Essential	S106	£134	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land East of Laindon Road, Billericay	H21a	0.027 ha	Essential	S106	£403	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	£2,963	See total cost	£0	£0			Specific project to be confirmed	
Libraries	Library infrastructure improvements	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	£467	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified	
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	£5,982	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator	
Sports Facilities	Playing pitch contribution	Land East of Laindon Road, Billericay	H21a	N/A	Essential	S106	£1,869	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details	
Transport, Bus projects	TBC - No improvements identified to date		H21a	N/A	Essential	S106	TBC	See total cost	£0	TBC				
Total							£18,340							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£29,995	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£99,982	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£91,772	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£18,331	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land at Maitland Lodge, Great Burstead, Billericay	H21b	0.012 ha	Essential	S106	£21,143	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land at Maitland Lodge, Great Burstead, Billericay	H21b	0.04 ha	Essential	S106	£597	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land at Maitland Lodge, Great Burstead, Billericay	H21b	0.03 ha	Essential	S106	£448	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land at Maitland Lodge, Great Burstead, Billericay	H21b	0.09 ha	Essential	S106	£1,343	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land at Maitland Lodge, Great Burstead	H21b	N/A	Essential	S106	£9,877	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Land at Maitland Lodge, Great Burstead, Billericay	H21b	N/A	Essential	S106	£1,556	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land at Maitland Lodge, Great Burstead, Billericay	H21b	N/A	Essential	S106	£19,942	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Land at Maitland Lodge, Great Burstead, Billericay	H21b	N/A	Essential	S106	£6,228	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	TBC - No improvements identified to date		H21b	N/A	Essential	S106	TBC	See total cost	£0	TBC				
Total							£301,211							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	Trigger for net new dwellings not met	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Land Adjacent to The Mount, Billericay	H21c	0.004 ha	Essential	S106	£6,343	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Land Adjacent to The Mount, Billericay	H21c	0.012 ha	Essential	S106	£179	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Land Adjacent to The Mount, Billericay	H21c	0.009 ha	Essential	S106	£134	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Land Adjacent to The Mount, Billericay	H21c	0.027 ha	Essential	S106	£403	See total cost	£0	£0				
Healthcare	Healthcare contribution	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	£2,963	See total cost	£0	£0			Specific project to be confirmed	
Libraries	Library infrastructure improvements	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	£467	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified	
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	£5,982	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator	
Sports Facilities	Playing pitch contribution	Land Adjacent to The Mount, Billericay	H21c	N/A	Essential	S106	£1,869	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details	
Transport, Bus projects	TBC - No improvements identified to date		H21c	N/A	Essential	S106	TBC	See total cost	£0	TBC				
Total							£18,340							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£98,982	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Housing Growth in Crays Hill	H22	N/A	Essential	S106	No additional infrastructure required	N/A	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£302,846	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£60,492	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Housing Growth in Crays Hill	H22	0.041 ha	Essential	S106	£69,771	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Housing Growth in Crays Hill	H22	0.131 ha	Essential	S106	£1,970	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Housing Growth in Crays Hill	H22	0.098 ha	Essential	S106	£1,477	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Housing Growth in Crays Hill	H22	0.295 ha	Essential	S106	£4,432	See total cost	£0	£0				
Healthcare	Healthcare contribution	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£32,593	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£5,135	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£65,410	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£12,719	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Increase frequency of route 10 (in conjunction with other sites) Provision of bus shelters / upgraded and additional stops	Housing Growth in Crays Hill	H22	N/A	Essential	S106	£125,000	See total cost	£0	£0				
Total							£780,827							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£2,404,512	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£8,015,039	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£6,194,576	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)

Education	Post-16	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£1,237,338	See total cost	£0	£0			Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	0.839 ha	Essential	S106	£1,427,125	See total cost	£0	£0			
Green Infrastructure and Open Space	Public parks and gardens	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	2.686 ha	Essential	S106	£40,295	See total cost	£0	£0			
Green Infrastructure and Open Space	Amenity greenspace	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	2.015 ha	Essential	S106	£30,221	See total cost	£0	£0			
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	6.044 ha	Essential	S106	£90,664	See total cost	£0	£0			
Healthcare	Healthcare contribution	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£666,667	See total cost	£0	£0			Specific project to be confirmed
Libraries	Library infrastructure improvements	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£105,030	See total cost	£0	£0			ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£1,339,297	See total cost	£0	£0			Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Bowers Gifford and North Benfleet Neighbourhood Area	SD3a	N/A	Essential	S106	£260,250	See total cost	£0	£0			Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Crossing to improve access on London Road and Tyefields Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service in south east Basildon	East of Basildon	SD3a	N/A	Essential	S106	£1,500,000	See total cost	£0	£0			
Transport, Highways	Extend A13 Westbound approach arm from 3 lanes to 4 lanes instead of flare	Sadlers Farm A130 / A13/ London Road	SD3a	N/A	Essential	S106	£360,000	£268,508	£0	£0			

Transport, Highways	East-West link road	Tyefields / Pound Lane, East Basildon	SD3a	N/A	Essential	S106	TBC	See total cost	£0	£0				No cost estimates included within the HLDf for this project. The project not considered further in the THIA
Transport, Highways	Pound Lane Upgrades	Pound Lane, East Basildon	SD3a	N/A	Essential	S106	£4,000,000	£1,988,950	£0	£0				
Transport, Cycling projects	On-road route along Tyefields and signed quietway along Trenham Avenue, linking existing NCN 16 with potential development site	East of Basildon	SD3a	N/A	Essential	S106	£150,000	See total cost	£0	£0				
Total							£25,718,473							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£55,490	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£184,966	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£169,777	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£33,912	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Ramsden Bellhouse Neighbourhood Area	SD3b	0.023 ha	Essential	S106	£39,114	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Ramsden Bellhouse Neighbourhood Area	SD3b	0.074 ha	Essential	S106	£1,104	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Ramsden Bellhouse Neighbourhood Area	SD3b	0.055 ha	Essential	S106	£828	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Ramsden Bellhouse Neighbourhood Area	SD3b	0.166 ha	Essential	S106	£2,485	See total cost	£0	£0				
Healthcare	Healthcare contribution	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£18,272	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£2,879	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified

Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£36,693	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£11,482	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Increase frequency of route 10 (in conjunction with other sites) Provision of bus shelters / upgraded and additional stops	Ramsden Bellhouse Neighbourhood Area	SD3b	N/A	Essential	S106	£125,000	See total cost	£0	£0				
Total							£682,002							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£5,037,154	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£14,137,830	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£12,976,871	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£2,477,072	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Basildon Town Centre Regeneration	R2	2.057 ha	Essential	S106	£3,496,985	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Basildon Town Centre Regeneration	R2	6.583 ha	Essential	S106	£98,738	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Basildon Town Centre Regeneration	R2	4.937 ha	Essential	S106	£74,054	See total cost	£0	£0				
Green Infrastructure and Open Space	Natural and semi-natural greenspace	Basildon Town Centre Regeneration	R2	14.811 ha	Essential	S106	£222,161	See total cost	£0	£0				
Healthcare	Healthcare contribution	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£1,633,580	See total cost	£0	£0				Specific project to be confirmed

Libraries	Library infrastructure improvements	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£257,362	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£3,298,386	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Basildon Town Centre Regeneration	R2	N/A	Essential	S106	£640,899	See total cost	£0	£0				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Transport, Bus projects	Additional and improved bus stops New bus gate	Basildon	R2	N/A	Needed	S106	TBC	See total cost	£0	TBC				
Transport, Cycling projects	On-road route along Tyefields and signed quietway along Trenham Avenue, linking existing NCN 16 with potential development site	East of Basildon	R2	N/A	Essential	S106	£100,000	See total cost	£0	£0				
Total							£44,451,092							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Education	Early years and childcare	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£310,280	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Primary	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£1,034,267	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Secondary	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£949,336	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Education	Post-16	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£181,213	See total cost	£0	£0				Required contribution has been calculated as set out in the ECC Developers Guide to Infrastructure Contributions (ECC, 2020)
Green Infrastructure and Open Space	LAPs, LEAPs, and NEAPs	Wickford Town Centre Regeneration	R5	0.15 ha	Essential	S106	£255,825	See total cost	£0	£0				
Green Infrastructure and Open Space	Public parks and gardens	Wickford Town Centre Regeneration	R5	0.482 ha	Essential	S106	£7,223	See total cost	£0	£0				
Green Infrastructure and Open Space	Amenity greenspace	Wickford Town Centre Regeneration	R5	0.361 ha	Essential	S106	£5,417	See total cost	£0	£0				

Green Infrastructure and Open Space	Natural and semi-natural greenspace	Wickford Town Centre Regeneration	R5	1.083 ha	Essential	S106	£16,252	See total cost	£0	£0				
Healthcare	Healthcare contribution	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£119,506	See total cost	£0	£0				Specific project to be confirmed
Libraries	Library infrastructure improvements	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£18,828	See total cost	£0	£0				ECC Library Contribution. No specific projects yet identified
Sports Facilities	Indoor Sports Facilities (sports hall, swimming pool, indoor bowls)	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	£240,100	See total cost	£0	£0				Calculated using the Sport England Sport Facilities Calculator
Sports Facilities	Playing pitch contribution	Wickford Town Centre Regeneration	R5	N/A	Essential	S106	TBC	See total cost	£0	TBC				Calculated using the Playing Pitch Calculator. See Sport Facilities chapter for further details
Total							£3,138,248							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Transport, Bus projects	Increased frequency Extended hours Provision of bus shelters / up graded and additional stops Provision of highway infrastructure / bus priority measures	Land West of Gardiners Lane South, Basildon	E4*	N/A	Essential	S106	£1,125,000	See total cost	£0	£0				
Total							£1,125,000							
Infrastructure type	Infrastructure item	Location	Associated with which LP site	Amount / size where applicable	Priority	Funding mechanism (S106 / other)	Total cost	Cost per site (for joint projects)	Funding received	Funding gap	Delivery / Phasing of infrastructure			Notes
											1-5 yrs	6-10yrs	11 yrs+	
Transport, Bus projects	Provision of bus shelters / upgraded and additional stops Provision of highway infrastructure / bus priority measures Contribution towards new service	Basildon	E5	N/A	Essential	S106	£1,150,000	See total cost	£0	£0				
Transport, Highways	New link road parallel to Burnt Mills Road with banned left turn for west-bound traffic	Basildon	E5	N/A	Essential	S106	TBC	See total cost	£0	£0				

Transport, Highways	Pound Lane Upgrades	Pound Lane, East Basildon	E5	N/A	Essential	S106	£4,000,000	£1,333,333	£0	£0				
Total							£2,483,333							

5 Acronyms and References

5.1 Acronyms

AGP	Artificial Grass Pitches
AEP	Annual Exceedance Probability
AMP	Asset Management Plan
ASELA	Association of South Essex Local Authorities
ATF	Active Travel Fund
AWS	Anglian Water Services
BBC	Basildon Borough Council
CAP	Cycling Action Plan
CCG	Clinical Commissioning Group
CDA	Critical Drainage Area
CFMP	Catchment Flood Management Plan
CIL	Community Infrastructure Levy
DfE	Department for Education
DfT	Department for Transport
DNO	Distribution Network Operator
EA	Environment Agency
ECC	Essex County Council
EHC	Education, Health and Care plan
EPN	Eastern Power Network
ESFA	Education and Skills Funding Agency
EY&C	Early Years & Childcare
fe	forms of entry
FE	Further Education
FEED	Free Early Education Entitlement
FPM	Facilities Planning Model
FTTC	Fibre to the Cabinet
GEML	Great Eastern Main Line
GIF	Growth and Infrastructure Framework
GMS	General Medical Services
GP	General Practice
HLDF	High Level Development Frameworks
IDP	Infrastructure Delivery Plan
IFS	Infrastructure Funding Statement
JMWMS	Joint Municipal Waste Management Strategy
JSP	South Essex Joint Strategic Plan
LACW	local authority collected waste
LAP	Local Area of Play
LCWIP	Local Cycling and Walking Infrastructure Plan
LCWIP+	Local Cycling and Walking Infrastructure Plan Plus
LEAP	Local Equipped Area of Play
LEP	Local Enterprise Partnership
LLFA	Lead Local Flood Authority
LPN	London Power Network
LTDS	Long Term Development Statements

LTP	Local Transport Plan
MUGA	Multi Use Game Areas
MUSA	Multi Use Sport Areas
NEAP	Neighbourhood Area of Play
NHS	National Health Service
NPPF	National Planning Policy Framework
NTS	National Transmission System
Ofwat	Water Services Regulation Authority
PAS	Planning Advisory Service
PMS	Personal Medical Services
PPG	Planning Practice Guidance
RAG	Red, Amber, Green
RCHW	Recycling Centres For Household Waste
RDP	Regional Development Plan
RIS	Road Investment Strategy
RNEP	Rail Network Enhancements Pipeline
SA	Settlement Area
SECTA	South Essex Construction Training Academy
SELEP	South East Local Enterprise Partnership
SEND	Special Educational Needs and Disabilities
SEPN	South Eastern Power Network
SFRA	Strategic Flood Risk Assessment
STB	Sub-national Transport Bodies
SuDS	Sustainable Drainage System
SWMP	Surface Water Management Plan
TE2100	Thames Estuary 2100
THIA	Transport and Highway Impact Assessment
UKPN	UK Power Networks
WCA	Waste Collection Authorities
WDA	Waste Disposal Authority
WFD	Water Framework Directive
WPA	Waste Planning Authority
WRC	Water Recycling Centres

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6 Appendices

6.1 Appendix 1

Table 6.1 Green infrastructure and open space in Basildon Borough

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Lake Meadows	Radford Crescent	Billericay & Burstead	Public	Urban Parks and Gardens
Mountnessing Road Open Space	Pleasant Drive	Billericay & Burstead	Public	Natural and Semi- natural Open
Hannakins Farm	Rosebay Avenue	Billericay & Burstead	Public	Outdoor Sports Facility
Queens Park Country Park	Rosebay Avenue	Billericay & Burstead	Public	Urban Parks and Gardens
Former Moat House School	Church Road	Basildon	Private	Urban Parks and Gardens
Land at Nethermayne	Kingswood	Basildon	Public/ Private	Natural and Semi- Natural Open Space
Crays Hill Allotment Gardens	Southend Road, Crays Hill	Noak Bridge & Ramsden	Public	Allotment and Community Garden
St Mary's Church	Church Lane, Ramsden Crays	Noak Bridge & Ramsden	Private	Cemeteries and Churchyards
Wickford Market	Market Road/Woodlands Road	Wickford	Public	Civic Space
St. Martin's Square	St. Martin's Square	Basildon	Public	Civic Space
Town Square	Town Square	Basildon	Public	Civic Space
Market Square	Market Square	Basildon	Public	Civic Space
Northlands Pavement	Northlands Pavement	Basildon	Public	Civic Space
St. Mary's Church	Rectory Road, Little Burstead	Billericay & Burstead	Private	Cemeteries and Churchyards
St. Mary Magdalene Church	Church Street, Great Burstead	Billericay & Burstead	Private	Cemeteries and Churchyards

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Great Burstead Cemetery	Church Street, Great Burstead	Billericay & Burstead	Public	Cemeteries and Churchyards
Chapel Street Burial Ground	Chapel Street	Billericay & Burstead	Private	Cemeteries and Churchyards
St. Mary's Church	Church Road, Ramsden Bellhouse	Noak Bridge & Ramsden Bellhouse	Private	Cemeteries and Churchyards
Wickford Cemetery	Park Drive	Wickford	Public	Cemeteries and Churchyards
Runwell Road Burial Ground	Runwell Road	Wickford	Private	Cemeteries and Churchyards
St. Catherine's Church	Southend Road	Wickford	Private	Cemeteries and Churchyards
St. Nicholas' Church	Church Hill	Basildon	Private	Cemeteries and Churchyards
Church of the Holy Cross	Church Road	Basildon	Private	Cemeteries and Churchyards
All Saint's Church	London Road, Vange	Basildon	Private	Cemeteries and Churchyards
St. Michael's Church	Brackendale Avenue	Basildon	Private	Cemeteries and Churchyards
St. Margaret's Church	Church Road, Bowers Gifford	Basildon	Private	Cemeteries and Churchyards
Pitsea Cemetery	Church Road, Bowers Gifford	Basildon	Public	Cemeteries and Churchyards
Market Road Allotments	Market Road	Wickford	Public	Allotment and Community Garden
Pendle Drive Allotments	Pendle Drive	Basildon	Public	Allotment and Community Garden
Holden Gardens Allotments	Holden Gardens	Basildon	Public	Allotment and Community Garden

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
St. James' Road Allotments	St. James' Road	Basildon	Public	Allotment and Community Garden
Bowers Gifford Allotments	London Road, Bowers Gifford	Basildon	Public	Allotment and Community Garden
Langdon Hills Country Park	High Road, Langdon Hills	Basildon	Public Thurrock Council	Urban Parks and Gardens
One Tree Hill Country Park	One Tree Hill, Basildon	Basildon	Public Thurrock Council	Urban Parks and Gardens
Wat Tyler Country Park	Pitsea Hall Lane	Basildon	Public	Urban Parks and Gardens
The Wick Country Park	Tresco Way	Wickford	Public	Urban Parks and Gardens
Sun Corner	Land SW of Laindon Road/London Road	Billericay & Burstead	Public	Amenity Green Space
South Green	Grange Road/Southend Road	Billericay & Burstead	Unknown	Amenity Green Space
Great Burstead Common	Laindon Common Road, Little Burstead	Billericay & Burstead	Unknown	Amenity Green Space
Little Burstead Common and War Memorial	Rectory Road/Laindon Common Road	Noak Bridge & Ramsden	Unknown	Amenity Green Space
Steepleview Open Space	High Road North	Basildon	Public	Amenity Green Space
Crays Hill Recreation Ground	Southend Road, Crays Hill	Noak Bridge & Ramsden	Public	Amenity Green Space
Elder Avenue Recreation Ground	Elder Avenue	Wickford	Public	Amenity Green Space
Wickford Memorial Park	Whist Avenue	Wickford	Public	Urban Parks and Gardens
Gloucester Park	Cranes Farm Road/Upper Mayne	Basildon	Public	Urban Parks and Gardens

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Victoria Park	Fenton Way	Basildon	Public	Urban Parks and Gardens
Whitmore Park	Whitmore Way	Basildon	Public	Urban Parks and Gardens
Mopsies Park	Hockley Green	Basildon	Public	Urban Parks and Gardens
Northlands Park	Felmores	Basildon	Public	Urban Parks and Gardens
Rushley Park	Burnt Mills Road/Rushley	Basildon	Public	Urban Parks and Gardens
Howard Park	Howard Crescent	Basildon	Public	Urban Parks and Gardens
Stock Brook Manor Country Club	Queens Park Avenue	Billericay & Burstead	Private	Outdoor Sports Facility
The Burstead Golf Club	Tye Common Road	Billericay & Burstead	Private	Outdoor Sports Facility
Sports Ground adj. To Burstead Village Inn	Laindon Common Road, Little Burstead	Billericay & Burstead	Private	Outdoor Sports Facility
Noak Hill Golf Course	Noak Hill Road	Billericay & Burstead	Private	Outdoor Sports Facility
Forest Glade Football Club	Barleylands Road	Noak Bridge & Ramsden	Private	Outdoor Sports Facility
Woolshots Road Playing Field	Woolshots Road, Crays Hill	Noak Bridge & Ramsden	Public	Outdoor Sports Facility
Nevendon Road Recreation Ground	Nevendon Road	Wickford	Public	Amenity Green Space
Wickford Cricket Ground	Swan Lane/Runwell Road	Wickford	Private	Outdoor Sports Facility
Eversley Football Ground	Crown Avenue, Eversley	Basildon	Private	Outdoor Sports Facility
St Gabriels Church Recreation Ground	Rectory Road	Basildon	Private	Outdoor Sports Facility
Basildon Golf Course	R/O Sparrows Herne	Basildon	Public	Outdoor Sports Facility

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Mopsies Park East (Basildon Cricket Club)	Timberlog Close	Basildon	Public	Outdoor Sports Facility
Holy Cross Recreation Ground	Church Road	Basildon	Public	Outdoor Sports Facility
Land North of Hannakins Farm Recreation Ground	Rosebay Avenue	Billericay & Burstead	Public	Natural and Semi- natural Open Space
Land at Regents Drive/Rosebay Avenue	Regents Drive/Rosebay Avenue	Billericay & Burstead	Public	Natural and Semi- natural Open Space
Norsey Wood	Outwood Common Road/Break Egg Hill	Billericay & Burstead	Public	Natural and Semi- natural Open Space
Mill Meadows	Southend Road/Greens Farm Lane	Billericay & Burstead	Public	Natural and Semi- natural Open Space
Laindon Common	Laindon Common Road	Billericay & Burstead	Unknown	Natural and Semi- natural Open Space
Noak Bridge Coppice	Coppice Lane/Bridge Street, Noak Bridge	Basildon	Public	Natural and Semi- natural Open Space
Noak Bridge Nature Reserve	Eastfield Road, Noak Bridge	Noak Bridge & Ramsden	Public	Natural and Semi- natural Open Space
Land at junction of Harding Elms Road/Wash Road	Harding Elms Road/Wash Road	Noak Bridge & Ramsden	Public	Natural and Semi- natural Open Space
Giddings Copse Nature Reserve	Royal Oak Drive	Wickford	Public	Natural and Semi- natural Open Space
Nevendon Bushes	Burnt Mills Road	Basildon	Public	Natural and Semi- natural Open Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Land North of Trenham Avenue	Trenham Avenue	Basildon	Private	Natural and Semi- natural Open Space
Land South of Trenham Avenue	Trenham Avenue	Basildon	Public	Natural and Semi- natural Open Space
Vange Marshes	South of A13	Basildon	Public	Natural and Semi- natural Open Space
Vange Hill Local Nature Reserve	Vange Hill Drive	Basildon	Public	Natural and Semi- natural Open Space
Land at Brickfield Road/Victoria Road	Brickfield Road/Victoria Road	Basildon	Public	Natural and Semi- natural Open Space
Land at Nethermayne, adj. To Bells Hill Road	Nethermayne	Basildon	Public	Natural and Semi- natural Open Space
Land at Nethermayne and Cherrydown West	Nethermayne	Basildon	Public	Natural and Semi- natural Open Space
Langdon Hills Complex	Staneway	Basildon	Public/ Private	Natural and Semi- natural Open Space
Westley Heights Mast Site and Environs	Dry Street/B1007	Basildon	Public/ Private	Natural and Semi- natural Open Space
Langdon Hills Nature Reserve	B1007/Forest Glade/Lower Dunton Road	Basildon	Public/ Private	Natural and Semi- natural Open Space
Land at Church Hill	Church Hill	Basildon	Public	Natural and Semi- natural Open Space
Church Hill Open Space	Church Hill	Basildon	Public	Natural and Semi- natural Open Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
St. Nicholas Open Space	Church Hill/St. Nicholas Lane	Basildon	Public	Natural and Semi- natural Open Space
Festival Lake Waterfront Walk	Waterfront Walk	Basildon	Private	Natural and Semi- natural Open Space
Botelers	Off Whitmore Way	Basildon	Public	Natural and Semi- natural Open Space
Land north of Whitmore County Primary School	Off Cranes Farm Road	Basildon	Private	Natural and Semi- natural Open Space
Land at Lampern Crescent	Lampern Crescent/Queens Park Avenue	Billericay & Burstead	Private	Natural and Semi- natural Open Space
Land adj. Billericay Baptist Church	The Copse/Perry Street	Billericay & Burstead	Public	Amenity Green Space
Land at Hollyford	Hollyford/Stock Road/Mercer Road	Billericay & Burstead	Public/ Private	Amenity Green Space
Land at front of Mayflower School	Stock Road	Billericay & Burstead	Private	Amenity Green Space
Land behind Mayflower School playing fields	Behind Mayflower School, Stock Road	Billericay & Burstead	Private	Amenity Green Space
Land at Mercer Road	Mercer Road/Meade Road	Billericay & Burstead	Public	Amenity Green Space
Land at Felsted Road	Felsted Road/Dedham Close	Billericay & Burstead	Public	Amenity Green Space
Outwood Common	Greenway/Morris Avenue	Billericay & Burstead	Unknown	Amenity Green Space
Land at David's Walk	David's Walk/Greens Farm Lane	Billericay & Burstead	Public/ Private	Amenity Green Space
Land at Daines Road	Daines Road/Jacksons Lane	Billericay & Burstead	Private	Amenity Green Space
Land at Home Meadows	Home Meadows	Billericay & Burstead	Public/ Private	Amenity Green Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Land at London Road	London Road/Mountnessing Road	Billericay & Burstead	Unknown	Amenity Green Space
Land at Langham Crescent Estate	Langham Crescent	Billericay & Burstead	Public	Amenity Green Space
Land at Langham Crescent Estate	Langham Crescent	Billericay & Burstead	Public	Amenity Green Space
Land at Stonechat Road	Stonechat Road/Beams Way	Billericay & Burstead	Public	Amenity Green Space
Passingham Close Open Space	Passingham Close/Froden Brook	Billericay & Burstead	Public	Amenity Green Space
Land at St. Mary Magdalene Church Hall	Church Street, Great Burstead	Billericay & Burstead	Unknown	Amenity Green Space
Steepleview Community Centre	Noak Bridge & Ramsden	Basildon	Public	Amenity Green Space
Land South of Hornbeam Way	Hornbeam Way	Noak Bridge & Ramsden	Public	Natural and Semi- natural Open Space
South Wash Road Open Space	South Wash Road/Wash Road	Noak Bridge & Ramsden	Public	Amenity Green Space
Church Road Open Space	Church Road, Ramsden Bellhouse	Noak Bridge & Ramsden	Public	Amenity Green Space
Land adj. To River Crouch	London Road	Wickford	Unknown	Natural and Semi- natural Open Space
Land Rear of Spencers Court	Irvon Hill Road	Wickford	Public	Natural and Semi- natural Open Space
Land at Albany Road	Albany Road	Wickford	Public	Amenity Green Space
Land adj. To A132 (West side)	A132	Wickford	Unknown	Amenity Green Space
Land at Salcott Crescent	Salcott Crescent	Wickford	Public	Amenity Green Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Land at Cranfield Park Road	Cranfield Park Road/Upper Park Road	Wickford	Public	Amenity Green Space
Land at Scott Drive	Maitland Road/ Scott Drive The Broadway	Wickford	Public	Amenity Green Space
Land at Speyside Walk	Speyside Walk	Wickford	Public	Amenity Green Space
Fanton Chase Recreation Ground	Fanton Chase/Hodgson Way	Wickford	Public	Amenity Green Space
Land at Hodgson Way	Hodgson Way/Fanton Chase	Wickford	Public	Amenity Green Space
Paddock's Recreation Ground	Pound Lane/Kathleen Ferrier Crescent	Basildon	Public	Amenity Green Space
Manor House Recreation Ground	Worthing Road/Russell Close	Basildon	Public	Amenity Green Space
Land at Roosevelt Road	Roosevelt Road/Eisenhower Road	Basildon	Public	Amenity Green Space
Presidents Court Open Space	Durham Road/Hoover Drive	Basildon	Public	Amenity Green Space
Land adj. To West Mayne and Mandeville Way	West Mayne/Mandeville Way	Basildon	Public	Natural and Semi- natural Open Space
Land at Coopersales	Coopersales/Jefferson Avenue	Basildon	Public	Amenity Green Space
Land adj. To Mandeville Way (South West side)	Mandeville Way	Basildon	Public	Natural and Semi- natural Open Space
Land adj. To Mandeville Way (South side)	Mandeville Way	Basildon	Public	Natural and Semi- natural Open Space
Land adj. To Mandeville Way (South East side)	Mandeville Way	Basildon	Public	Natural and Semi- natural Open Space
Land at Northampton Grove	Northampton Grove/Forest Glade	Basildon	Public	Amenity Green Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Langdon Hills Recreation Ground	New Avenue	Basildon	Public	Amenity Green Space
Land R/O Heathleigh Drive	Heathleigh Drive	Basildon	Public	Amenity Green Space
Land adj. To Nightingales	Nightingales	Basildon	Public	Amenity Green Space
Land at Pittfields	Pittfields/Elderberry Close	Basildon	Public	Amenity Green Space
Berry Boys Club	Valence Way	Basildon	Public	Amenity Green Space
Land at Valance Way	Valance Way	Basildon	Public	Amenity Green Space
Land at Staneway (South Side)	Staneway	Basildon	Public	Amenity Green Space
Land at Laindon Centre	High Road	Basildon	Private	Amenity Green Space
Land South of Laindon Centre	High Road/Laindon Link	Basildon	Public/Private	Amenity Green Space
Land at Spire Road	Spire Road/Hermitage Drive/St. Lukes Close	Basildon	Private	Amenity Green Space
Land at The Frame	Markhams Chase/The Frame	Basildon	Public	Amenity Green Space
Land at Thornbush	Thornbush/Ballards Walk	Basildon	Public	Amenity Green Space
Markhams Chase Recreation Ground	Markhams Chase/Laindon Link	Basildon	Public	Outdoor Sports Facility
Land at Great Oxcroft	Great Oxcroft/Little Oxcroft	Basildon	Public	Amenity Green Space
Land at Five Links	Elizabeth Way	Basildon	Public	Amenity Green Space
Yardeley Playground	Yardeley/Shepeshall	Basildon	Public	Amenity Green Space
Land at Raphaels	Raphaels/Rise Park	Basildon	Public	Amenity Green Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Land North of Miles Gray Road	Miles Gray Road	Basildon	Public	Amenity Green Space
Land North of Christopher Martin Road	Christopher Martin Road	Basildon	Public	Amenity Green Space
Land at Cranes Farm Road	Cranes Farm Road/East Mayne	Basildon	Public	Amenity Green Space
Land between Pendle Close and East Mayne	Pendle Close	Basildon	Public	Amenity Green Space
Land at Pendle Drive	Pendle Drive	Basildon	Public	Amenity Green Space
Land at Denys Drive	Denys Drive	Basildon	Public	Amenity Green Space
Land adj. To Craylands	Craylands	Basildon	Public/Private	Amenity Green Space
Land at Broadmayne/Lincoln Road (East)	Lincoln Road	Basildon	Public	Amenity Green Space
Land at Broadmayne/Lincoln Road (West)	Lincoln Road/Craylands	Basildon	Public	Amenity Green Space
Barrington Gardens Playground	Barrington Gardens/The Fryth	Basildon	Public	Amenity Green Space
Fryerns East Recreation Ground	Whitmore Way/Danbury Down/Quilters Straight	Basildon	Public	Amenity Green Space
Land at Cranes Lane	Cranes Lane	Basildon	Public	Natural and Semi-natural Open Space
Land at Little Spenders	Little Spenders	Basildon	Public	Amenity Green Space
Playground at The Hatherley	The Hatherley	Basildon	Public	Amenity Green Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Land at Audley Way	Audley Way/Broadmayne	Basildon	Public	Amenity Green Space
Land adj. To Broadmayne	Broadmayne/Long Riding	Basildon	Public	Amenity Green Space
Land behind Priors Close	Priors Close	Basildon	Public	Amenity Green Space
Land at Pinmill/Church Road	Pinmill/Broadmayne/Church Road	Basildon	Public	Amenity Green Space
Land at Fairlop Gardens/Broadmayne	Fairlop Gardens	Basildon	Public	Amenity Green Space
Barstable Play Area	Long Riding	Basildon	Public	Amenity Green Space
Land at Rear of Gordon Road	Gordon Road	Basildon	Public	Amenity Green Space
Land at Fairview Road	Fairview Road/Church Road	Basildon	Public	Amenity Green Space
Land at West Thorpe	West Thorpe/East Thorpe	Basildon	Public	Amenity Green Space
Land at Rear of Great Gregorie	Great Gregorie/Ardleigh	Basildon	Public	Amenity Green Space
Kingswood Open Space	Clay Hill Road	Basildon	Public	Amenity Green Space
Land at Mistley Path	Mistley Path	Basildon	Public	Amenity Green Space
Swanmead Recreation Ground	Church Road	Basildon	Public	Amenity Green Space
Land between London Road and Moss Close	London Road	Basildon	Public	Amenity Green Space
Land at Hollands Walk Housing Estate	Hollands Walk	Basildon	Public	Amenity Green Space
Clay Hill Road Recreation Ground	Sparrows Herne	Basildon	Public	Amenity Green Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Land at Nethermayne/Basildon College	Nethermayne	Basildon	Public	Amenity Green Space
Land at Takely Ride/Gobions	Takely Ride	Basildon	Public	Amenity Green Space
Land at Renacres	Renacres	Basildon	Public	Amenity Green Space
Land at Sporhams	Sporhams/Morrells	Basildon	Public	Amenity Green Space
Land at Fletchers	Fletchers	Basildon	Public	Amenity Green Space
Gaynesford Recreation Ground	Gaynesford	Basildon	Public	Amenity Green Space
Great Gregorie Playground	Great Gregorie	Basildon	Public	Amenity Green Space
Vange Hill Drive Open Space	Vange Hill Drive	Basildon	Public	Amenity Green Space
Land between London Road and Polsteads	London Road	Basildon	Public	Amenity Green Space
Kent View Road Open Space	Kent View Road/Weavers	Basildon	Public	Amenity Green Space
Land at Dencourt Crescent	Dencourt Crescent	Basildon	Public	Amenity Green Space
Land South of Alcotes	Alcotes/Sandon Road	Basildon	Public	Amenity Green Space
Land at Sandon Close	Sandon Close	Basildon	Public	Amenity Green Space
Land between Feering Drive and Sandon Road	Feering Drive/Sandon Road	Basildon	Public	Amenity Green Space
Land at Timberlog Lane/Luncies Road	Timberlog Lane/Luncies Road/Hannover Close	Basildon	Public	Amenity Green Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Luncies Road Open Space	Luncies Road/Elsenham Crescent	Basildon	Public	Amenity Green Space
Land at Ryedene/A13	Ryedene/A13	Basildon	Public	Amenity Green Space
Land at Waterville Drive	Waterville Drive	Basildon	Public	Natural and Semi- natural Open Space
Land at St. Michael's Church	Brackendale Avenue/Railway Link	Basildon	Public	Amenity Green Space
Pound Lane Recreation Ground	Pound Lane	Basildon	Public	Amenity Green Space
Land behind Bearsted Drive	Bearsted Drive/Elham Drive	Basildon	Public	Amenity Green Space
Land at Great Chalvedon Hall	Tyefields	Basildon	Public	Amenity Green Space
Land adj. To Rectory Road	Rectory Road	Basildon	Public	Amenity Green Space
Land adj. To Rectory Road	Rectory Road	Basildon	Public	Amenity Green Space
Land at Cobden Avenue	Cobden Avenue	Basildon	Public	Amenity Green Space
Land adj. To Dipple Medical Centre	Wickford Avenue	Basildon	Private	Amenity Green Space
Land North of Pitsea Junior School	Chevers Pawen/Elm Green	Basildon	Public	Amenity Green Space
Land at Cricketers Way	Cricketers Way	Basildon	Public	Amenity Green Space
Land adj. To Burnt Mills Road	Burnt Mills Road	Basildon	Public	Natural and Semi- natural Open Space
Land between Burnt Mills Road and East Mayne	Burnt Mills Road	Basildon	Public	Amenity Green Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Land at Lanhams	Lanhams	Basildon	Public	Amenity Green Space
Land between Camelot Gardens and Fairfax Drive	Camelot Gardens	Basildon	Public	Amenity Green Space
Land at Rushley/Vermont Close	Rushley	Basildon	Public	Amenity Green Space
Land at Tyefields	Tyefields/Trenham Avenue	Basildon	Public	Amenity Green Space
Land at Rectory Road	Rectory Road/Tyefields	Basildon	Public	Amenity Green Space
Plumleys Play Area	Plumleys/Little Searles	Basildon	Public	Amenity Green Space
Stokefelde Play Area	Stokefelde/Ashlyns	Basildon	Public	Amenity Green Space
Land North of Parkside	Parkside	Basildon	Public	Amenity Green Space
Land East of Bockingham Green	Bockingham Green	Basildon	Public	Amenity Green Space
Land at Malyons Close	Malyons Close / Malyons	Basildon	Public	Amenity Green Space
Land at Loxford	Loxford	Basildon	Public	Amenity Green Space
Land at Littlebury Green	Littlebury Green/Felmores	Basildon	Public	Amenity Green Space
Land at Felmores	Felmores/Burnt Mills Road	Basildon	Public	Amenity Green Space
Land at Kingsley Meadows	Kingsley Meadows	Wickford	Public	Amenity Green Space
Mill Green Open Space	Mill Green	Basildon	Public	Amenity Green Space
Land at Ashlyns	Ashlyns	Basildon	Public	Amenity Green Space

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
Land between Pitsea Road and Southmayne	Pitsea Road	Basildon	Public	Amenity Green Space
Land at Moretons Mews	Moretons	Basildon	Public	Amenity Green Space
Land at Moretons Place	Moretons	Basildon	Public	Amenity Green Space
Land at Broomfields Mews	Broomfields	Basildon	Public	Amenity Green Space
Land at Broomfields Place	Broomfields	Basildon	Public	Amenity Green Space
Land at Wickford Mews	Wickford Drive	Basildon	Public	Amenity Green Space
Land at Wickford Place	Wickford Drive	Basildon	Public	Amenity Green Space
Walthams Play Area	Walthams	Basildon	Public	Amenity Green Space
Land at Malgraves	Malgraves	Basildon	Public	Amenity Green Space
Eastbrooks	Eastbrooks	Basildon	Public	Amenity Green Space
Land at Delvins	Delvins/Felmores	Basildon	Public	Amenity Green Space
Land at The Lindens	The Lindens/Pittfields	Basildon	Public	Natural and Semi- natural Open Space
Little Burstead Common	West & East of Hatches Farm Road, Little Burstead	Billericay & Burstead	Private	Natural and Semi- natural Open Space
St Peter's Churchyard	Church Lane, Nevendon	Basildon	Private	Cemeteries and Churchyards
Little Burstead Village Pond	Laindon Common Road, Little Burstead	Billericay & Burstead	Private	Amenity Green Space
All Saint's Churchyard	Off North Benfleet Hall Road, North Benfleet	Basildon	Public	Cemeteries and Churchyards

Location Name	Location Address	Settlement Area	Location Ownership	Primary Purpose of Land
BF:Land opposite Red Cottage and Whites Farm	Barleylands Farm Road	Billericay & Burstead	Private	Outdoor Sports Facility
BF:Land to south west of Barleylands Depot	Off Barleylands Farm Road	Billericay & Burstead	Private	Outdoor Sports Facility
BF:Land to south of Whites Farm	Off Barleylands Farm Road	Noak Bridge & Ramsden	Private	Outdoor Sports Facility
BF Land at Barleylands Farm, south of River Crouch	Southend Road	Billericay & Burstead	Private	Outdoor Sports Facility
BF:Land at Barleylands Farm, by White's Bridge	Southend Road	Billericay & Burstead	Private	Outdoor Sports Facility
BF:Land north west of Barleylands Farm Shop	Southend Road	Billericay & Burstead	Private	Outdoor Sports Facility
BF:Land north of Barleylands Farm Shop	Southend Road	Billericay & Burstead	Private	Outdoor Sports Facility