Southwark Council

# London Borough of Southwark

**Community Infrastructure Levy** 

## **Infrastructure Delivery Plan**

December 2013

No.	Title
	Community infrastructure levy (CIL) revised draft charging schedule (available with the report)
Appendix B	Draft Regulation 123 list (available with the report)
Appendix C	Infrastructure Plan (available on the website)
Appendix D	Equalities Analysis (available on the website)
Appendix E	Consultation Plan (available on the website)
Appendix F	Consultation Report (available on the website)

## **INFRASTRUCTURE PLAN SUMMARY**

### 1. What is the Infrastructure Plan?

- 1.1 The Community Infrastructure Levy (CIL) Regulations (2010) require that to set a CIL charging schedule, charging authorities must have an appropriate evidence base to support the proposed levy. Part of this evidence base is the Infrastructure Plan (IP). The IP identifies strategic infrastructure which is needed to support growth and development in the borough over the lifetime of Southwark's Core Strategy (2011-2026). Where possible it identifies the cost of infrastructure to provided, any committed sources of funding which will be used to deliver it and the organisations responsible. It also identifies the funding gap i.e. the gap between known commitments and the total cost of infrastructure required. When it is adopted, Southwark's CIL will be used to contribute towards bridging this funding gap.
- 1.2 This IP is a "living document" which will be updated regularly as further details about infrastructure requirement to support growth become clearer. At this stage, the IP has been prepared to identify the type and range of possible projects needed in the borough which could receive CIL funding and the global cost of those projects. Guidance from the Government is clear that "charging authorities may spend their revenue from the levy on different projects from those identified during the rate setting process". Therefore projects used to determine infrastructure costs in this schedule (or broad levels of cost identified for a category of infrastructure) do not form a commitment in relation to the actual expenditure of CIL. Priorities for spending CIL receipts will need to be regularly reviewed, and will depend on the progress of both individual developments and projects.
- It should be noted that this IP identifies only the strategic infrastructure which is needed to support growth and does not take account of 1.1 the infrastructure requirements of any neighbourhood groups or forums. The Government has introduced provisions in the Localism Act (2011) which require charging authorities identify a 'meaningful proportion' of CIL that will be spent in the local area to ensure that those people affected by development see some of the benefit. In early 2013 the government announced the amount of CIL to be spent locally (a 'meaningful amount') would be 15% with a cap at £100 per council tax dwelling. For areas with an adopted neighborhood plan this would be 25% with no cap. We have set out in the draft Section 106 Planning Obligations/Community Infrastructure SPD further details on the process of allocating these funds. The allocation would be made using community infrastructure project lists (CIPL). The council will spend at least 25% of CIL on projects in the local area, whether there is an adopted neighborhood plan or not. The council will consult local communities on priorities for these areas. These lists will be revised regularly as projects are delivered, and priorities change. CIPL will help direct funding to infrastructure local people believe is required in their local areas in order to support the amount development planned. The current CIPLs are available website of new on our http://www.southwark.gov.uk/info/200152/section 106/796/current project bank ideas and will be updated every year with consultation with the local people, community councils and planning committee to ensure the CIPLs reflect local needs.

## 2. The demand for infrastructure

#### Planned development

- 2.1 In order to ensure that new development delivers sustainable communities, the facilities and service needs of these populations must be properly planned for. The Core Strategy identifies that most new development will happen in the growth areas, which are the opportunity areas and action areas (i.e. Bankside, Borough and London Bridge, Elephant and Castle, Peckham and Nunhead, Canada Water, Camberwell and Aylesbury. We are aiming to balance providing as many homes possible with growth of other activities that create successful places such as places to work, leisure, arts and culture, community facilities, sports and youth facilities and health centres. Southwark is planning to provide, between 2011 and 2026:
  - 24,450 net new homes.
  - 32,000 net new jobs.
  - 80,000 sqm net new shopping and leisure floorspace.
  - 425,000-530,000 additional business floorspace.
- 2.2 The above figures have been derived through the following Council evidence documents and also London Plan targets:
  - The Development Capacity Assessment (DCA) is a tool used to estimate potential future housing capacity that may come forward across a number of sites in the borough. This work informed the London Plan Strategic Housing Land Availability Assessment and the derivation of the London Plan housing target for Southwark.
  - The Employment Land Review forecasts future employment floorspace demand for B1 use in the borough. The majority of this demand is for office space in the SE1 market area. This demand is due to London's status as one of the world's leading locations for financial and business services.
  - The Retail Capacity Study identifies the performance of Southwark town centres and the quantitative and qualitative need for new retail (comparison and convenience goods) floorspace.

#### Projected Population Growth

2.3 Southwark's population is projected to increase based on mid-year population estimates from the Office of National Statistics (ONS) and population forecasts from the Greater London Authority (GLA). Additional population means additional pressure on infrastructure. Some infrastructure needs arise from the growth in population generally, while others arise due to development proposals in specific locations.

- 2.4 According to the 2011 Census the population of Southwark is 288,283. 74% of the population of Southwark were of working age in 2011; while 18.5% of the population were children aged between 0–15 years.
- 2.5 The population of Southwark is projected to continue to grow by 2026 to between 367,000 (ONS 2010 based projections) and 342,546 (GLA PLP Low) and 345,051 (GLA PLP High) people depending on how it is calculated. Most of the growth is expected to be due to natural increase (i.e. more births than deaths). The GLA PLP Low projections are driven by the projected increase in homes with standard fertility while the GLA PLP High projections assume a higher age specific fertility trend beyond 2011 than is the case for the standard projections. The trend used was derived by taking the mean values of the Principal and High assumptions from the 2010-based National Population Projections.
- 2.6 The population of Southwark is expected to age in the future although the proportion in the broad age groups (children, working age and pensionable age groups) will remain similar. The ONS and GLA projections expect increases in the proportion of the 45–69 year age groups over time and a decrease in the proportions of people in the 25–29 year age groups.
- 2.7 Based upon our Development Capacity Assessment (DCA) estimation of the number of potential housing units that could come forward over the period 2011-2026, an additional population of approximately 46,234 people would arise from this quantum of development (7,355 children between 0-15 years). Over the period 2013-2026, the additional population would amount to 37,352 (6,041 children between 0-15 years). This figure is based upon a calculation of average occupancy using the methodology from the Wandsworth New Housing Re-Survey 2007. When compared with the ONS (74,881) and GLA Low (52,555) population projections 2011-2026, our calculation is on the conservative side, and does not include other factors such as demographic changes and migration. We will therefore need to ensure that infrastructure is provided at the right time to provide the necessary services and facilities for the increasing population.

#### 3. How was the Infrastructure Plan prepared?

3.1 We produced a Delivery and Implementation Plan (DIP) in 2010 to support the implementation of the Core Strategy policies. The DIP includes the projects required across the borough to ensure the effective delivery of the growth and new development proposed over the Core Strategy plan period. It contains social, physical and green infrastructure projects and was prepared in consultation with both internal and external providers of infrastructure and other key stakeholders. The Core Strategy and the accompanying evidence base were put through an independent Examination in Public in 2010 and the Core Strategy was adopted by the Council in April 2011.

- 3.2 The DIP set out in the Core Strategy has informed the development of this IP. DCLG guidance 'The Community Infrastructure Levy an overview' (November 2010) states that local authorities should use the infrastructure planning that underpinned their development plan to identify a selection of indicative infrastructure projects or types of infrastructure that are likely to be funded by the levy.
- 3.3 Several projects in the DIP were not suitable for support through CIL funding, whilst new projects and changing priorities had become apparent in the time since the DIP was produced. As a result, there has been a need to review the DIP through a fresh assessment of infrastructure need, focused on the appropriateness of CIL as a system for providing funding to each project. The resulting infrastructure list has been undertaken in consultation with a number of key stakeholders, to create as thorough a list as possible. This approach is also consistent with the government guidance.
- 3.4 Steps taken to produce the IP included:
  - a) A review of the council's plans and strategies and the list of infrastructure projects contained in these. These strategies include the Core Strategy (2011), Aylesbury Area Action Plan (2010), Canada Water Area Action Plan (2012), draft Peckham and Nunhead Area Action Plan (2012), Elephant and Castle Opportunity Area Supplementary Planning Document (2012), Transport Plan (2011), Open Spaces Strategy (2013), draft Playing Pitch Strategy, Secondary School Investment Strategy, Primary Strategy for Change Programme, NHS Southwark Estates Strategy (2011), Community-based Care Strategy, Economic Wellbeing Strategy (2012-2020), Children's and Young People Plan (2010-2013), Library Services Review report to Cabinet (2012), Cemetery Strategy (2012), Southwark Interim Preliminary Flood Risk Assessment (2011).
  - b) Review of development partner's plans and projects: Wherever possible, information was taken from published reports or strategies. As a starting point, a thorough review of partners' websites, business plans etc was undertaken and the results summarised and included in the IP.
  - c) Information gathering direct from partners: To fill gaps in information, internal and external partners were contacted to ascertain their plans and their assessments of what infrastructure requirements arise from future development proposals.
- 3.5 The main body of this plan reviews infrastructure needs by type. The table includes information on the costs of infrastructure to support growth, indicative phasing timescales, responsibilities and delivery partners, the known and anticipated funding sources and, where available, some more detailed project information.
- 3.6 The IP should be considered as a current estimation of the infrastructure projects required between 2013 and 2026, with an acceptance that it may change significantly over time. The projects identified are not a final or definitive list of infrastructure projects required in Southwark in the Core Strategy period. Infrastructure needs are subject to significant change. The costs, expected timeframes for

delivery and the delivery agents funding have been anticipated using the best experience and knowledge available to the council, however these may change substantially in the future increasing or decreasing the demands upon CIL funding. Continuing Section 106 funding has been removed from the total CIL requirement.

- 3.6.1 The CIL regulations 2010 (as amended) set out that CIL charging authorities can spend CIL on 'the provision, improvement, replacement, operation or maintenance of infrastructure' and 'anything else that is concerned with addressing the demands that development places on an area'. We will keep the IP under regular review and it will be used to support the implementation of any future infrastructure delivery process.
- 3.7 The table below provides a summary of the IP themes, total costs and funding sources.

Infrastructure	Total Cost	Committed Funding	Funding Shortfall
Transport	£1.027 billion	£9.32 million	£95.4 million
Open Space, Public Realm and Biodiversity	£61.2 million	£2.5 million	£58.7 million
Education	£166 million	£36 million	£130 million
Primary Health Care	£213.6 million	£0	£213.6 million
Arts and Cultural Facilities	£18.2 million	£14.2 million	£4 million
Sport and Leisure	£32.9 million	£29.0 million	£3.92 million
Socio-Economic Infrastructure	£9.25 million	£0	£9.25 million
Sustainability Infrastructure	£21.5 million	£0	£21.5 million
Secondary Infrastructure	£13.1 million	£0	£13.1 million
Emergency Services	£0	£0	£0
TOTAL COSTS	£1.78 billion	£1.30 billion	£645,075,524

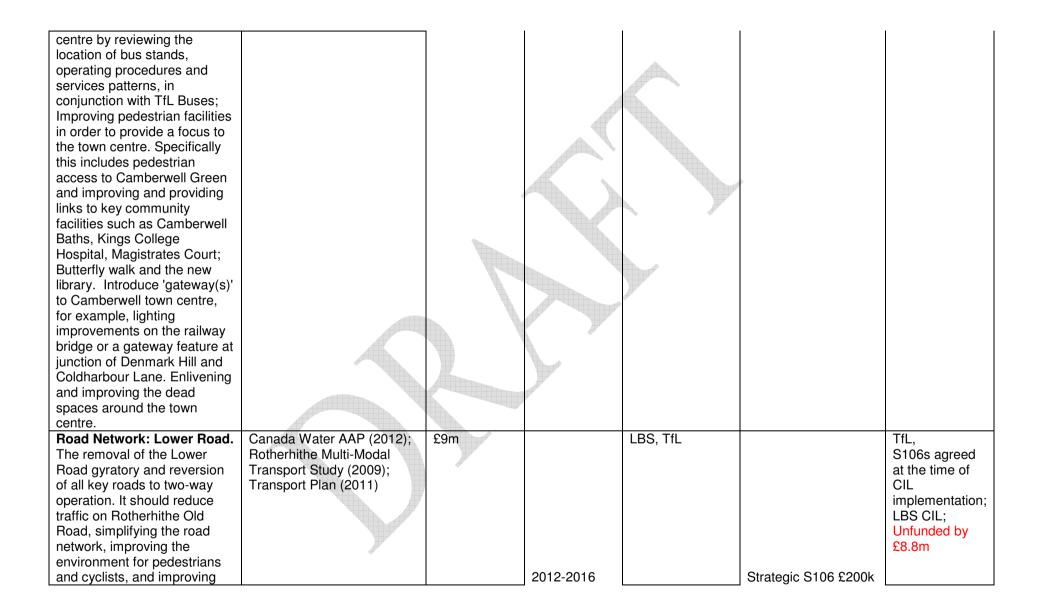
INFRASTRUCTURE REQUIREMENT	POLICY/EVIDENCE BASE	COSTS	TIMING	DELIVERY AGENTS OR PARTNERS	FUNDING	
Infrastructure needed to meet the needs of the projected 24,450 new homes and 32,000 new jobs as planning for in the Core Strategy. This equates to an expected population increase in the period 2013-2026 of approximately 37,352.	Identification of where the infrastructure requirements are referenced i.e. Local Plans, strategies and frameworks; public sector capital programmes & commitments; private sector investment plans	The cost of providing identified infrastructure to accommodate growth. Capital cost includes land costs and construction and fit-out costs where required. It does not include any on-going costs.	Expected timeframes for delivery of infrastructure.	Delivery agents or partners that could assist in delivering the infrastructure required.	Committed funding sources from both public and private sources	Potential funding sources from both public and private sources
					TOTAL FUNDING G 645,075,524	AP=
TRANSPORT	The cumulative impacts of c be taken into account over t improvements to improve p cycling capacity and access demand and areas designat the Central Activities Zone, town centres and other part	he plan period. ublic transport, sibility will be ne ed for developn Opportunity Are	Strategic trans the road netwo eeded for areas nent and regene eas, Areas for In	oort rk, walking and of greatest ration, including itensification and	Transport funding g	ap: £95.4m

	fabric of the built environment is often required to be reconstructed to make development acceptable and ensure that the transport and travel objectives of the area is delivered. Therefore new routes or redesigned pedestrian and cycle routes have also needed to be identified. The Mayor's Transport Strategy has provided the framework through which many of the strategic transport requirements for the borough have been assessed and identified within our Transport Plan. Implementation of the programme of improvements in the Transport Plan is vital to achieving the economic growth and development aspirations of the borough.							
London Underground: Elephant & Castle Tube station. Increase the capacity in the Northern Line tube station and provide improved access to the platforms. It is possible to provide the necessary capacity by increasing the number of lifts in the station. However our preferred solution would be to provide escalator access to the Northern Line station.	Core Strategy DIP (2010); Mayor's Transport Strategy (2010); Transport Plan (2011)	TfL have estimated that increasing the number of lifts would cost in the region of £96m. Our preferred solution of providing escalator access to the Northern Line station is estimated to cost £140m.	2015-2018 Any station capacity improvements will require additional land and therefore should be developed and delivered in conjunction with a remodelling of the shopping centre.	TfL, Lend Lease, LBS, St Modwen	S106s agreed at time of publication £23m	TfL, existing and expected S106s (E&C SPD Tariff) TFL/GLA commitment: £75m Southwark CIL: £24.9m (unfunded) Contingency: £15m (unfunded)		
London Underground: Bakerloo line southern tube extension. Improvements to the public transport accessibility in Camberwell and Peckham	Core Strategy DIP (2010); Mayor's Transport Strategy (2010); Transport Plan (2011)	Circa £2bn	After 2020	LBS, TfL		TfL, LBS CIL; Unfunded by £2bn		

Buses: Aylesbury public transport. Provision of new/enhanced bus routes to support new housing and developments	Aylesbury AAP (2010); Transport Plan (2011)	£4.5m	2015-2026	LBS, TfL		TfL, LBS Unfunded by £4.5m
National Rail: London Bridge train station and services. Remodelling of existing train station to change 3 of the terminating platforms to enable through train platforms, with corresponding increase in capacity of services linked to the Thameslink Programme, to increase to 12 car carriages. Increased capacity within the station.	Core Strategy DIP (2010); Mayor's Transport Strategy (2010)	£800m - £1.2bn (Thameslink £6bn)	2013 - 2018	Network Rail	DfT £800m	
National Rail: Peckham Rye station. To support growth in the Peckham and Nunhead action area. Peckham Rye is identified in the Mayor's Transport Strategy as a strategic interchange, the importance of which has increased with the arrival of London Overground services in December 2012. Proposals include improvements to the station fabric and the re- creation of a public square outside the station, improving the setting of the station while reducing journey times.	Core Strategy DIP (2010); Draft Peckham and Nunhead AAP (2012); Mayor's Transport Strategy (2010)	£30m	2012 - 2015/16	Network Rail and LBS	Network Rail, GLA's Regeneration Fund, LBS	LBS CIL

National Rail: Queens Road Peckham. Improved access and forecourt improvements.	Draft Peckham and Nunhead AAP (2012); Mayor's Transport Strategy (2010); Transport Plan (2011)	£1.3m	2012-2014	National Rail and LBS	LBS DfT National Rail Developer S106 Planning Contribution £1.3m	
National Rail: Elephant and Castle train station. Services are congested in the peak periods. No plans to increase the 8 car carriages. Need to improve accessibility to platform and trains.	Core Strategy DIP (2010); Elephant and Castle SPD/OAPF (2012); Transport Plan (2011)	£12m	2020	Network Rail		DfT Unfunded by £12m
<b>Cycling – local</b> Improvements will be needed to ensure walking and cycling are attractive options from every development. This will involve small scale improvements as necessary spread across the whole borough.	Transport Plan (2011)	N/A	Site by site	TfL, LBS	Site specific and existing Developer S106 Planning Contribution	
<b>Cycling – strategic</b> Cycle hire expansion to zone 2 (by TfL). Expanding and encouraging the use of cycle hire in Southwark will enable more people to cycle, helping to increase Southwark's cycle mode share percentage and improving the health of the borough's population.	Transport Plan (2011)	tbc	tbc	TfL, LBS	Developer S106 Planning Contribution	LBS CIL, TfL

Walking - strategic: Legible London (by TfL). Legible London is a pedestrian information system that helps people walk around the capital. Introducing Legible London in Southwark can encourage walking, reduce street clutter and improve links to businesses and local attractions.	TfL Legible London; Mayor's Transport Strategy (2010); Transport Plan (2011)	N/A	Site by site	TfL, LBS	Site specific and existing Developer S106 Planning Contribution	
Road Network: Elephant and Castle Northern Roundabout. Improvements for pedestrians, cycle routes and bus services at the northern roundabout. Creating safe, accessibility at surface routes across the northern roundabout for pedestrians and cyclists.	Elephant and Castle SPD/OAPF (2012); Transport Plan (2011)	£11m	2013-2015	LBS, TfL	S106s £1m agreed but not released, £850k committed and spent	Future site specific S106 Planning Contribution (Elephant and Castle SPD S106 Tariff), TfL
Road Network: Camberwell town centre revitalisation scheme. The focus of the project is the area around the town centre. The improvements will include alterations to the roads such as removing pedestrian guard railings and review signal timings; Denmark Hill – widening pavements; making crossings safer right up to Champion Park; Improving how the bus network functions around the town	Vision For Camberwell Improving Streets and Public Spaces; Transport Plan (2011)	£7.07m	2014	LBS, LBL and TFL	TfL committed £650k LBS committed £300k.Council will fund a further £2m	TfL; LBS CIL; Unfunded by £4.12m



efficiency, capacity and safety for all users.						
Road network: Aylesbury. Improvements to Westmorland Road, Albany Road, Thurlow Street, Portland Street and other access streets.	Aylesbury AAP (2010); Transport Plan (2011)	£12.1m	2013-2026	LBS		LBS CIL, S106 Unfunded by £12.1m
Road Network: Rotherhithe pedestrian and cycling improvements. Cycle station, Mellish Fields crossings (east and west), Stave Hill ecology park, entrance to Russia Dock Woodlands, Russia Dock Woodlands (south), Canada Water-Southwark Park, Ship Inn, Route from YHA to Jubilee Line, signage strategy/improvements to Thames Path, Swan Road.	Canada Water AAP (2012); Canada Water Public Realm Improvements (2009); Transport Plan (2011)	£950,000	2013-2026	LBS	TfL: £142,165 Cleaner, Greener, Safer fund: £7,500 Walk London: £20,000 Developer S106 Planning Contribution £50,000	Unfunded by £730000
Road Network: Improvements to Surrey Quays Road	Canada Water AAP (2012); Transport Plan (2011)	tbc.	2013-2026	LBS		Unfunded tbc
Road Network: Improvements to Blackfriars Road	TfL design and feasibility work	tbc	2015-2020	LBS, TfL		TfL, Developer contributions Unfunded tbc
Canada Water CPZ extension	Canada Water AAP (2012);Transport Plan (2011)	£240,000	2013-2016	LBS		s106; LBS CIL Unfunded by £240000

OPEN SPACE, PUBLIC REALM AND BIODIVERSITY	With increased population a opportunities to create new and value of existing open s better links between existing ensure that across the boro 0.76 hectares per 1000 popu- raised to 1.5 hectares per 10 open spaces, particularly in the existing more developed specific development oppor access routes to existing sp identified through the Open Buffer areas of natural open movement of wildlife throug cycling. The Council is cont existing corridors in partner strategy of 'All London Gree linkages between existing n	Open Space fundir	ng gap: £58.7m			
Open Spaces improvement projects: Delivery of improvements identified in draft Open Spaces Strategy (excluding specific projects identified below)	Open Spaces Strategy (2013)	£13.4m (based on 64 sites)		LBS, Developer		LBS CIL Unfunded by £13.4m
All London Greed Grid Projects: The All London Green Grid (ALGG) is a network of green infrastructure spanning across London. By highlighting the network and recognising the value of connected green spaces, the intention is that improvements	GLA - All London Green Grid (ALGG)	£5.85m (based on 35 sites)	2013-2026		LBS £450,000	LBS CIL Unfunded by £5.4m

can be targeted in ways that deliver social, environmental and economic benefits to local areas and strategically to London as a whole. A number of projects have been identified in the borough . Southwark contains 2 Green Grid character areas: GGA6 South East London Green Chain Plus, and GGA12 Central London.						
Biodiversity projects and improvements:	Biodiversity Action Plan (2012)	£340,000	2014-2016	LBS, Southwark Biodiversity Partnership.		Possible grant from SITA or other landfill funder Unfunded by £340,000
Improved access to open spaces, signage and green links (trees)	Core Strategy DIP (2010)	£550,000	2013-2020	LBS		LBS Unfunded by £550,000
New open space at Elephant and Castle: New 1.2ha open space in Elephant and Castle.	Elephant and Castle SPD/OAPF (2012)	tbc	2016-2020	Developer	Developer S106 Planning Contribution	
New open space at Crossbones Graveyard	Open Spaces Strategy (2013)	tbc	2014-2018	Developer	Developer S106 Planning Contribution	
Dickens Square improvements: Dickens Square Park and the adjoining Butterfly Walk are designated Sites of Nature Conservation. A feasibility study and masterplan design has been produced that	Open Spaces Strategy (2013)	£50,000	2012-2013	LBS	Existing Developer S106 Planning Contribution £50,000	

improves access, safety and ecological values of the two spaces and integrates a redundant road to enhance the visual appeal of the park and surrounding area. Existing improvements	N/A	£2m	2011-2013		Developer S106	
around the Tate Modern		22111	2011-2013	Developer	Planning Contribution £2,000,000	
Bankside Urban Forest Projects: Bankside Urban Forest is a partnership of many agencies including Better Bankside, Southwark Council, Tate Modern, The Architecture Foundation, Cross River Partnership, Design for London, London Development Agency and others. It is an urban design framework and programme of projects for the public realm within the area extending from the river edge down to the Elephant and Castle, bordered by Blackfriars Road and Borough High Street.	Bankside Urban Forest Framework	tbc	2011-	LBS		Potential Developer S106 Planning Contribution Cleaner Greener Safer tbc
Aylesbury community spaces - public squares and green fingers: Provision of Amersham, East Street and Michael Faraday public spaces and King William IV, Chumleigh and Bagshot green fingers.	Aylesbury AAP (2010)	£7.7m	2013-2022	LBS		LBS CIL Unfunded by £7.7m

Surrey Square improvements: Improvements to Surrey Square Park will help to improve the usability and attractiveness of the park, as well as to preserve and enhance its ecological interest.	Aylesbury AAP (2010)	£690,000	2014-2018	LBS		Potential Developer S106 Planning Contribution LBS CIL Unfunded by £690,000
Burgress Park improvments: Phase 2-4 improvements to Burgess Park. These include	Aylesbury AAP (2010); LBS Capital Programme	£20m	2015-2026	LBS	>	LBS, LBS CIL Unfunded by £20m
Aylesbury playspace: Provision of new playspace to support regeneration of the Aylesbury Estate	Aylesbury AAP (2010)	£4.7m	2013-2026	LBS		Potential Developer S106 Planning Contribution LBS CIL Unfunded by £4.7m
<b>Former Nursery (Fish Farm)</b> <b>Canada Water:</b> Oppourtunity to provide an environmental education facility with a possible option for food growing or educational plants	Canada Water AAP (2012); Open Spaces Strategy (2013)	£150,000	2013-2015	LBS		LBS CIL Unfunded by £150,000
<b>Cemetaries</b> - Physical works that would enable new burial areas to be developed without recourse to reclamation or re-use focussed on the Camberwell Old Cemetery and Camberwell New Cemetery. Immediate options for burial	Cemetary Strategy (2012)	£5,127,524	2011-2040	LBS to work closely with the Diocese and other authorities.		LBS Capital Programme LBS CIL Unfunded by £5,127,524

areas includes: decontaminated land at the old Honor Oak Nursery site, area of old public (or common) graves in the south of Camberwell Old, a wooded area west of Camberwell New, remainder of the old nursery site, the north of Camberwell Old. Specific capacity for Muslim burials is also proposed.						
Historic environment and heritage assets	Core Strategy (2011), Aylesbury AAP (2010), Canada Water AAP (2012), draft Peckham and Nunhead AAP (2012), Elephant and Castle SPD/OAPF (2012), Conservation Area Appraisals, English Heritage - Heritage at risk register	tbc	2011-2026	LBS		LBS , LBS CIL unfunded
Canada Water public space improvements: Improvements to Albion Street, Greenland Dock, South Dock Marina.	Canada Water AAP (2012) ; Canada Water Public Realm Improvements Study (2009)	£682,000	2013-2019	LBS	Committed funding of £9,000 from TfL	LBS CIL Unfunded by £673,000
EDUCATION	The anticipated requirement modelling and estimation lir anticipated sizes of housing population change. 1FE is e Significant growth in popula for an additional 9FE at seco primary schools by 2016 wit increase to 2018.	hked to existing units planned quivalent to 30 htion is expected ondary school le	school enrolme for delivery, GL/ places in each y d up to 2018 ger evel by that date	ent data, A predictions on vear group. nerating a need a and 21 FE for	Education funding o	gap: £130m

Secondary Schools: Building Schools for the Future programme provided new or rebuilt schools to meet existing and short term demand.	The Building Schools for the Future	N/A	Largely complete by end of 2014	Education Funding Agency	Fully funded via Education Funding Agency and LBS capital programme	-
Secondary Schools: Compass Free School	The Building Schools for the Future programme	Unknown	2013-2015	Education Funding Agency	Anticipated to be delivered directly by Education Funding Agency	-
Secondary Schools: University Technical College	The Building Schools for the Future programme	Unknown	2013-2015	Education Funding Agency	Anticipated to be delivered directly by Education Funding Agency	-
Secondary Schools: 9 FE of entry required to meet demand for 2018.	Secondary Investment Strategy	£8m per additional FE.	Responding directly to demand in future years.	Education Funding Agency, Schools and Academy Trusts	Unfunded	Education Funding Agency, unfunded by £72m
<b>Primary Schools:</b> 11 FE of entry required for the provision of new classrooms on existing school sites.	Primary Strategy for Change programme	£5m per new FE based on 3 most recent school extensions.	Responding directly to demand in future years.	LBS		LBS Primary Capital Programme £55m, S106s agreed at the time of CIL implementation; LBS CIL (anticipated to provide 25%.)

	The Council has responsibilities to ensure that there is sufficient provision of childcare and early education for 2 to 4 year olds. The anticipated requirements for nursery school places are being addressed through delivery of new nurseries at the same time as primary schools are expanded and changed. Supplementing this is the strong presence of the private sector in meeting the need of many parents for full time care for Under 5s, who operate out of a myriad of different community and religious facilities as well as the occasional new site through conversion of the ground floor of large houses by people running a nursery in their own home. In recent years grant funding was provided to develop Sure Start Children's Centres borough wide to provide a universal level of care and support to all young families.						
Nursery / reception (2-4) (assume 50% leakage to private sector): requirement for 712 places.	Children and Young People's Plan (2010-2013)	tbc	2013-2026	LBS, Developer		LBS, S106s agreed at the time of CIL implementation	
There are 21 Children's Centres in the borough offering integrated childcare and education, health and family services. Southwark has already invested in improving the quality of Early Years buildings using the Sure Start Quality and Access Crapt (2009, 11)						Unfunded	
Grant (2008-11). Aylesbury pre-school space: Provision of early years facilities to support the regeneration of the Aylesbury Estate	Aylesbury AAP (2010)	£3m	2015-2017	LBS, Developer		LBS, Developer s106 planning contribution Unfunded by £3m	

PRIMARY HEALTH CARE	Southwark NHS have a strat plan focuses on making bet investing in significant num continue to seek investment the anticipated rises in popu- this will create.	ter use of existir bers of new faci t in their estate v	ther than 'k NHS will y to cope with	Primary Health care £213.6m	funding gap:		
	NHS Southwark CCG acknown growth areas in Southwark. and at Canada Water. At this therefore no detailed costed	This includes Bas stage, plans ar	ant and Castle				
	In addition, the CCG is committed to the delivery of the Community Based Care Strategy drawn up with other SE London CCGs, which will expand the range and volume of health service activity taking place in community settings. More recently, the CCG Governing Body have approved a Primar and Community Strategy, which will strengthen the delivery of services in the community, and ensure greater equity of access,						
The NHS Healthy Urban Development Unit (HUDU) toolkit: The HUDU toolkit estimates the cost of new and improved health facilities as a result of population growth. It sets out an estimated cost of £6,649 per new unit. Southwark's Core Strategy sets out a target of 24,450 new homes between 2011 and 2026, equating to a total cost of £162.6m.	NHS HUDU toolkit	£162.6m	2012-2026	NHS, LBS, Developers		NHS, LBS CIL Unfunded by £162.6m	
Areas where need for new facilities has been identified include Bankside, Elephant and Castle and Canada							

Water.						
Aylesbury Health Centre and medical practice: Rebuild the existing centre to increase the capacity and expand the offer of health facilities	NHS Southwark Annual Report (2010); Aylesbury AAP (2010); NHS Southwark Estates Strategy (2010)	£8-12m	2015-2017	LBS, NHS		NHS LBS CIL Unfunded by £8m
Princess Street Practice (Elephant and Castle): Re-provision of the existing GP practice to accommodate a full range of services for an expanding population	NHS Southwark Estates Strategy (2011)	Circa £5m	Circa 2015- 16	NHS, LBS		NHS, LBS CIL Unfunded by £5m
Albion Street (Canada Water) Re-provision of the existing GP practice to accommodate a full range of services for an expanding population	NHS Southwark Estates Strategy (2011)	Circa £5m	Circa 2015- 16	NHS, LBS		NHS, LBS CIL Unfunded by £5m
Walworth Road (Elephant and Castle) Re-provision of existing local GP practices to accommodate a full range of services for an expanding population. Possible re- provision of community services at Walworth Road Clinic.	NHS Southwark Estates Strategy (2011)	Circa £5m	Circa 2015- 16	NHS, LBS		NHS, LBS CIL Unfunded by £5m
Dulwich Hospital site: Refurbishment/new build to re-provide primary care facilities and provide additional community health services. This is to support	NHS Southwark Estates Strategy (2011) Community-based Care Strategy	£15-20m	2013-2015	NHS	NHS	NHS Unfunded by £15-20m

GP practices in the south of the borough in delivering the Community-based Care Strategy and is consistent with the Primary and Community Strategy. <b>Peckham:</b> Potential for improved utilisation and expansion of the Lister Health Centre including the provision of additional services	NHS Southwark Estates Strategy (2011) Community-based care Strategy	£8m	tbc	NHS, LBS		NHS, LBS CIL Unfunded by £8m	
ARTS, CULTURAL AND COMMUNITY FACILITIES	Strategy Provision of libraries is a statutory requirement; the recent strategic review identified a number of proposed changes to address the substantial budgetary challenges over coming years. The current library infrastructure needs updating in order to meet the needs of a modern service and the service offer needs to change and expand to meet changing demands. This and future changes in population driven by the interrelated factors of migration, birth rates, housing numbers and housing occupancy will generate a requirement for a change to service access points. Additionally, with changes to work patterns such as extended working hours libraries will have to transform the way they deliver their service. The Council is open to the concept of libraries as service hubs, co-locating with other services and delivering infrastructure with complimentary delivery programmes. New and refurbished general-purpose community facilities, including arts/performance space, are needed in a variety of forms and locations to address demographic and population growth from new development.						
Elephant and Castle library combined with Cuming Museum and Local History Library: The fire at Walworth Town Hall in March 2013 destroyed the accommodation housing the Cuming Museum. The current	Library Service Review report to Cabinet (2011); Elephant and Castle SPD/OAPF (2012) Cabinet report on Walworth Town Hall July 2013	£14m	2018 - 2021	Developer	Developer S106 Planning Contribution £14,000,000		

Newington Library is in poor condition and not fit for modern service provision. (Circa 2,800 sqm). Option for new museum and enhanced library to be considered as part of the future plan for the Town Hall. This space would accommodate the Cuming Museum and Local History Library enabling more of each collection to be displayed, more study space, better storage and a modern public library						
Peckham Library: Ongoing	Library Service Review	£4 m	2014-2018	LBS		LBS,LBS CIL
programme of refurbishment	report to Cabinet (2011);					Unfunded by
and upgrading of Peckham	Draft Peckham and			Ø7		£4m
Library to address long	Nunhead AAP (2012)					
standing design issues and to						
modernise the building to						
address future growth in the						
area. Making better use of						
existing space (configuration,			I. Part			
lighting, furnishings and						
equipment and address a						
range of environmental issues						
exacerbated by additional use						
form growth in the area).		- AT				
Grove Vale library:	Library Service Review	£250,000	2011-2013	LBS	LBS, Developer S106	
Complete fit out to an	report to Cabinet (2011)				Planning Contribution	
appropriate and durable					£250,000	
standard. Size is 230 sqm.						

Art and performance spaces: Opportunities to deliver new or improved arts and performance spaces will arise through reconfiguration, or rebuilding of existing community buildings or through delivery of arts spaces within new educational/community facilities.	Core Strategy DIP (2010)	tbc	2011-2026	LBS, Developer		LBS CIL, Developer s106 planning contribution Unfunded
<b>Community Space:</b> Opportunities to deliver new or improved arts and performance spaces will arise through reconfiguration, or rebuilding of existing community buildings or through delivery of arts spaces within new educational/community facilities.	Core Strategy DIP (2010)	tbc	2011-2026	LBS, Developer		LBS CIL, Developer s106 planning contribution Unfunded
SPORT AND LEISURE	Growth in population will pla outdoor sports facilities. An Castle and funding is comm Leisure Centre. The draft Pla improve playing pitches.	new leisure cent itted for a refur	tre will be built a bishment of the	at Elephant and Seven Islands	Sports and Leisure £3.915m	funding gap:
New Elephant and Castle Leisure centre: The new centre will contain anew six lane 33m swimming pool, learner pool, eight court sports halls, gym, four squash courts, exercise studio, crèche and café.	Elephant and Castle SPD/OAPF (2012)	£20m	2012-2014	LBS, Developer	LBS land sale LBS Developer S106 Planning Contribution £20,000,000	

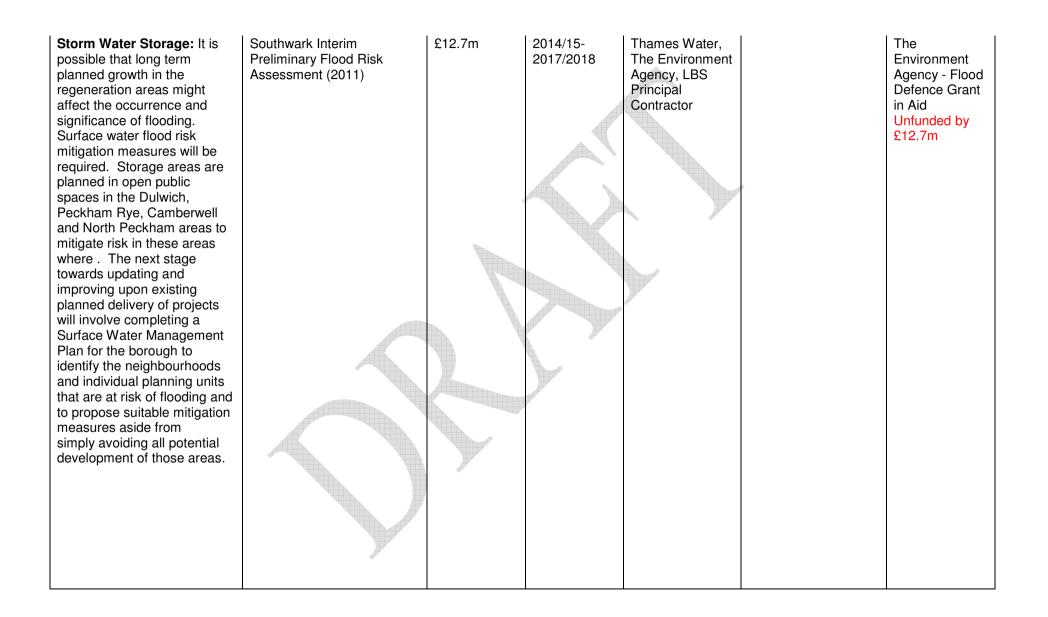
Refurbishment of Seven island Leisure Centre: The Seven Islands Leisure Centre provides a swimming pool as well as a gym and a sports hall. Plans are in place to refurbish the wetside facilities in the centre and over the longer term, we will look for opportunities to improve the dryside and wetside facilities.	Canada Water AAP (2012)	£8m	2014-2015	LBS	LBS £8m	
Refurbished athletics track at Southwark Park:	Canada Water AAP (2012) : Draft Playing Pitch Strategy (2009)	£3.8m	2013-2016	LBS	Southwark 2012 Olympic Legacy Fund £370,000; Sport England Inspired Facilities Fund £145,000; London Marathon £150,000	Additional Funding being sought from Mayor of London's Fund £250,000; Internal Capital Bids are being considered, and other funding opportunities are being explored Unfunded by £3.135m
Southwark Sports Ground: Refurbishment of existing sports pavilion. The changing accommodation at the site is poor quality and in need of upgrade.	Draft Playing Pitch Strategy (2009)	£300,000	2012-13	LBS, Football Foundation	LBS £75,000 Southwark Olympic Legacy Funding £45,000	LBS CIL Unfunded by £180,000

Improvements to Herne Hill Velodrome: The Herne Hill Velodrome Trust was awarded £400,000 from Southwark Council's 2012 Olympics and Paralympics Legacy Fund in October 2011. Subject to agreement by landlords The Dulwich Estate, the money will be spent on a 170 metre inner track for junior and track riders to warm up on and other improvements will include enhanced cyclo-cross facilities. Further funds are needed to help finance build a new pavilion.		tbc	2011-2026	Herne Hill Velodrome Trust/British Cycling	Southwark 2012 Olympic Legacy Fund £400,000	Unfunded
Improvements to St Paul Sports Ground: Future of the	Canada Water AAP (2012); Draft Playing Pitch Strategy	tbc	tbc	tbc	tbc	Unfunded
site to be determined. It is	(2009)		Ť			
currently of poor quality.						
Improvements to Homestall Road playing field: The changing facility is extremely poor quality. The pitches have also been identified as being of average quality and in need of improvement, with substantial bare areas and long grass. They are also uneven and in need of levelling.	Draft Playing Pitch Strategy (2009)	£820,000	2012 - 2013	LBS, Football Foundation	Sport England's Protecting Playing Field Fund £45,000 Southwark Councils 2012 Olympic Legacy Fund £175,000	Football Foundation uncommitted £320,000 LBS CIL Unfunded by £600,000

Greendale playing field: Site is adjacent to Dulwich Hamlet FC and whilst the future of the site is yet to be determined, it could be brought back into use to meet demand. It is unclear if the current leaseholders will continue after the lease expires in 2015 SOCIO-ECONOMIC INFRASTRUCTURE	Draft Playing Pitch Strategy (2009) Despite job creation in Sout and economic inactivity are expect there to be unemploy development to reduce barri necessary to ensure sustain part of Southwark's employ	above the Lonc ment amongst iers to employm able economic	lon and UK aver the new resider nent for the new growth in South	ages, we would hts. Using population is	tbc Soco-economic infra funding gap: £9.25m	
37,352 new population over	Southwark Semployi	£7.25m	Annually	LBS, Southwark		LBS CIL
the period to 2026, of which	Development Strategy	27.2011	when needed	Works, Job		Unfunded by
31,312 are of working age.	(2010-2016)			Centre Plus		£7.25m
With a current Southwark						
umemployment rate of 11.2%,						
we would expect 3,507 to be						
unemployed. Additional						
support required for longer						
term unemployed (6 months						
and over) which is projected						
to be 1794 people.						
Employment support,						
including training, for 1794		<i></i>				
long term unemployed new						
residents . Unit cost of LBS						
commissioned support for a						
26 week sustained job is						
£4,024.						
Aylesbury: new employment	Aylesbury AAP (2010)	£2m	2015-2026	LBS		Unfunded by

SUSTAINABILITY INFRASTRUCTURE	Reducion of future carbon e new development. Southwar seeks a 22.4% reduction in ( opportunities to expand hea	rk's energy and CO2 by 2020. Th	carbon reduction strategy aims	on strategy 2011	Sustainability Infras funding gap of £21.	
Canada Water district heating/CHP: The heat network will use energy that is currently wasted at the South East London Combined Heat and Power, Energy from Waste plant in Lewisham. It will be distributed through a network of underground pipes to the community heating boiler houses that currently provide heat and hot water to several housing estates. Phase 1: Link from SELCHP to the following estates: Four Squares, Silwood, Abbeyfield, Tissington Court, Pedworth. Rouel Road, Keetons, Silverlock Phase 2: Possible extension into the Core Area via Lower Road and Redriff Road.	Canada Water AAP (2012); Canada Water Energy Study (2009)	Phase 2 £8.5m	2013-2021	LBS, Veolia	Phase 1 funded	Phase 2 LBS Unfunded by £8.5m
Aylesbury Utilities and CHP proposal: Provision of CHP/communal heating for the new neighbouhood	Aylesbury AAP (2010)	£13m	2013-2026	LBS		LBS CIL Unfunded by £13m

Water/ Sewerage/Waste vater (Thames Water)   Local water infrastructure:   The council will use planning conditions where appropriate to ensure that development does not commence until impact studies on the existing water supply and sewerage infrastructure have been approved by Southwark in conjunction with Thames Water. Where there is a capacity problem and no improvements are programmed developers should contact the utilities company to agree what improvements are required and how they will be funded.	SECONDARY INFRASTRUCTURE			Secondary Infrastru gap: £13.1m	cture funding
water (Thames Water) Local water infrastructure:   The council will use planning Thames Water   conditions where appropriate N/A   to ensure that development does not commence until   impact studies on the existing N/A   water supply and sewerage Infrastructure have been   approved by Southwark in conjunction with Thames   Water. Where there is a capacity problem and no   improvements are programmed developers   should contact the utilities company to agree what   improvements are required Infrastructure that the utilities					
Local water infrastructure:   The council will use planning   conditions where appropriate   to ensure that development   does not commence until   impact studies on the existing   water supply and sewerage   infrastructure have been   approved by Southwark in   conjunction with Thames   Water: Where there is a   capacity problem and no   improvements are   programmed developers   should contact the utilities   company to agree what   improvements are required	Water/ Sewerage/Waste water (Thames Water)				
	The council will use planning conditions where appropriate to ensure that development does not commence until impact studies on the existing water supply and sewerage infrastructure have been approved by Southwark in conjunction with Thames Water. Where there is a capacity problem and no improvements are programmed developers should contact the utilities company to agree what		Thames Water	N/A	



Gas						
The 'host' providers for the	Central London Forward	N/A	N/A	National Grid	N/A	
London area are National	Infrastructure Study (2010)			and Scotia Gas		
Grid and Scotia Gas				Networks		
Networks. Scotia Gas are the						
main supplier in Southwark,						
however information on						
Southwark is limited. National						
Grid indicated that for the five						
Central London authorities						
which it covers, there is likely		4				
to be sufficient capacity within						
regard to medium and the						
higher pressure gas networks						
to cater for demand up to						
2026.Southwark will monitor						
phasing and implementation						
of development and continue						
to share plans with						
infrastructure providers.						
Electricity						
EDF's Distribution Price	Central London Forward	N/A	N/A	EDF Energy,	N/A	
Control Review (DPCR) sets	Infrastructure Study (2010)			Developers		
out plans for growth						
anticipated for London's						
central area, based on						
known developments						
extracted from the planning		- Aller				
process. A number of						
schemes which will increase						
capacity are underway. This						
includes a new primary sub-						
station being built behind Tate						
Modern, which will connect to	47					
Lewisham. Planned provision						

for investment is unlikely to cover forecast demand. EDF should be engaged early in the planning process and future requirements across central London should be coordinated.						
Broadband cabling infrastructure (Rotherhithe peninsula)		N /A	tbc	Broadband infrastructure companies		Unfunded
Wifi in Public places: 40 stations each costing £10,000		£400,000	tbc	LBS with Partner		LBS Unfunded £400000
EMERGENCY SERVICES	Existing Fire Stations: Peck and Dockhead. Ambulance Metropolitan Police stations Peckham, Rotherhithe, Sout	stations: Rothe	rhithe, Waterloo	Road.		
Police						
Forward planning for policing infrastructure is linked to the Metropolitan Police Service's (MPS) Asset Management Plan for Southwark. This indicates that the MPS is working hard to deliver a more effective and locally focused service, and to do this it needs a property estate that can adapt to meet new challenges and grow to support a 21st century police service. The Metropolitan Police do not have any specific	Metropolitan Police Service Asset Management Plan (2007)	N/A	N/A	MPS	N/A	

infrastructure requirements at this time but will continue to review forecasted growth in the borough and assess future policing needs.						
Fire						
The Central London Forward Infrastructure Study indicates that there is a total of 112 fire stations are scattered across London, including 4 in Southwark. There are also a total of 168 fire appliances (i.e. the number of fire pumps and hoses) and 70 other specialist fire appliances. Fire stations and fire engines work across local authority boundaries therefore it is hard to assess the fire station provision on a local authority basis. Central London is overall described as fire station coverage. Expansion of existing service may be required in the long term to address population and employment growth. Currently, the London Fire Planning Authority does not anticipate a need to increase the overall available	Central London Forward Infrastructure Study (2010)	N/A	N/A	LPFA	Private finance initiative (PFI)	
floorspace. Instead there is a						

focus on rebuilding and refurbishing the existing ones.						
Ambulance						
Managing demand and need	Central London Forward Infrastructure Study (2010)	N/A	N/A	London Ambulance Trust	N/A	