

INFRASTRUCTURE PLAN

APPENDIX D

INFRASTRUCTURE REQUIREMENT	TYPE	POLICY/EVIDENCE BASE	COSTS	TIMING	DELIVERY AGENTS OR PARTNERS	FUNDING	
<p>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.</p>		<p>Identification of where the infrastructure requirements are referenced i.e. Local Plans, strategies and frameworks; public sector capital programmes & commitments; private sector investment plans</p>	<p>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.</p>	<p>Expected timeframes for delivery of infrastructure.</p>	<p>Delivery agents or partners that could assist in delivering the infrastructure required.</p>	<p>Committed funding sources from both public and private sources</p>	<p>Potential funding sources from both public and private sources</p>
					<p>BOROUGH-TOTAL FUNDING GAP</p>		<p>545,670,524</p>
<p>ELEPHANT AND CASTLE OPPORTUNITY AREA</p>							

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<p>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.</p>	<p>Transport</p>	<p>Core Strategy DIP (2010); Mayor's Transport Strategy (2010); Transport Plan (2011)</p>	<p>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.</p>	<p>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.</p>	<p>TfL, Lend Lease, LBS, St Modwen</p>	<p>S106s agreed at time of publication £23m</p>	<p>TfL, existing and expected S106s (E&C SPD Tariff) TFL/GLA commitment: £75m Southwark CIL: £24.9m (unfunded) Contingency: £15m (unfunded)</p>
<p>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.</p>	<p>Transport</p>	<p>Core Strategy DIP (2010); Elephant and Castle SPD/OAPF (2012); Transport Plan (2011)</p>	<p>£12m</p>	<p>2020</p>	<p>Network Rail</p>		<p>DfT Unfunded by £12m</p>
<p>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.</p>	<p>Transport</p>	<p>Elephant and Castle SPD/OAPF (2012); Transport Plan (2011)</p>	<p>£11m</p>	<p>2013-2015</p>	<p>LBS, TfL</p>	<p>S106s £1m agreed but not released, £850k committed and spent</p>	<p>Future site specific S106 Planning Contribution (Elephant and Castle SPD S106 Tariff), TfL</p>
<p>New open space at Elephant and Castle: New 1.2ha open space in</p>	<p>Open Space, Public realm and</p>	<p>Elephant and Castle SPD/OAPF (2012)</p>	<p>tbc</p>	<p>2016-2020</p>	<p>Developer</p>	<p>Developer S106 Planning Contribution</p>	

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Elephant and Castle.	Biodiversity						
Princess Street Practice (Elephant and Castle): Re-provision of the existing GP practice to accommodate a full range of services for an expanding population	Primary Health Care	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.	Primary Health Care	NHS Southwark Estates Strategy (2011)	Circa £5m	Circa 2015-16	NHS, LBS		NHS, LBS CIL Unfunded by £5m
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 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	Arts, cultural and community facilities	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	

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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							
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.	Sport and Leisure	Elephant and Castle SPD/OAPF (2012)	£20m	2012-2015	LBS, Developer	LBS land sale LBS Developer S106 Planning Contribution £20,000,000	
						Total Funding Gap	64,000,000
BANKSIDE, BOROUGH AND LONDON BRIDGE OPPORTUNITY AREA							
London Underground: Bakerloo line southern tube extension. Improvements to the public transport accessibility in Camberwell and Peckham	Transport	Core Strategy DIP (2010); Mayor's Transport Strategy (2010); Transport Plan (2011)	Circa £2bn	After 2020	LBS, TfL		TfL, LBS CIL; Unfunded by £2bn
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	Transport	Core Strategy DIP (2010); Mayor's Transport Strategy (2010)	£800m - £1.2bn (Thameslink £6bn)	2013 - 2018	Network Rail	DfT £800m	

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corresponding increase in capacity of services linked to the Thameslink Programme, to increase to 12 car carriages. Increased capacity within the station.							
Road Network: Improvements to Blackfriars Road	Transport	TfL design and feasibility work	tbc	2015-2020	LBS, TfL		TfL, Developer contributions Unfunded tbc
New open space at Crossbones Graveyard	Open Space, Public realm and Biodiversity	Open Spaces Strategy (2013)	tbc	2014-2018	Developer	Developer S106 Planning Contribution	
Existing improvements around the Tate Modern		N/A	£2m	2011-2013	Developer	Developer S106 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.	Sustainability	Bankside Urban Forest Framework	tbc	2011-	LBS		Potential Developer S106 Planning Contribution Cleaner Greener Safer tbc

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						Total Funding Gap	0
CANADA WATER ACTION AREA							
Road Network: Lower Road. The removal of the Lower Road gyratory and reversion of all key roads to two-way operation. It should reduce traffic on Rotherhithe Old Road, simplifying the road network, improving the environment for pedestrians and cyclists, and improving efficiency, capacity and safety for all users.	Transport	Canada Water AAP (2012); Rotherhithe Multi-Modal Transport Study (2009); Transport Plan (2011)	£9m	2012-2016	LBS, TfL	Strategic S106 £200k	TfL, S106s agreed at the time of CIL implementation; LBS CIL; Unfunded by £6.79m
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.	Transport	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	Transport	Canada Water AAP (2012); Transport Plan (2011)	tbc.	2013-2026	LBS		Unfunded tbc

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Canada Water CPZ extension	Transport	Canada Water AAP (2012); Transport Plan (2011)	£240,000	2013-2016	LBS		
Former Nursery (Fish Farm) Canada Water: Oppourtunity to provide an environmental education facility with a possible option for food growing or educational plants	Open Space, Public realm and Biodiversity	Canada Water AAP (2012); Open Spaces Strategy (2013)	£150,000	2013-2015	LBS		LBS CIL Unfunded by £150,000
Canada Water public space improvements: Improvements to Albion Street, Greenland Dock, South Dock Marina.	Open Space, Public realm and Biodiversity	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
Albion Street (Canada Water) Re-provision of the existing GP practice to accommodate a full range of services for an expanding population	Primary Health Care	NHS Southwark Estates Strategy (2011)	Circa £5m	Circa 2015-16	NHS, LBS		NHS, LBS CIL Unfunded by £5m
New town centre leisure centre	Sport and Leisure	Canada Water AAP (2012)	tbc	tbc	tbc	tbc	Unfunded
Refurbished athletics track at Southwark Park	Sport and Leisure	Canada Water AAP (2012) : Draft Playing Pitch Strategy (2009)	£3.8m	2013-2016	LBS		
Improvements to St Paul Sports Ground: Future of the site to be	Sport and Leisure	Canada Water AAP (2012); Draft Playing Pitch Strategy (2009)	£950,000	2014-2016	LBS, Developer	Developer S106 Planning Contribution £500,000; LBS	

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determined. It is currently of poor quality.						£225,000 ; Additional funding being sought from Football foundation and Football Stadia improvement fund £225,000	
<p>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.</p> <p>Phase 1: Link from SELCHP to the following estates: Four Squares, Silwood, Abbeyfield, Tissington Court, Pedworth. Rouel Road, Keetons, Silverlock</p> <p>Phase 2: Possible extension into the Core Area via Lower Road and Redriff Road.</p>	Sustainability	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
<p>Broadband cabling infrastructure (Rotherhithe peninsula)</p>	Secondary infrastructure		N /A	tbc	Broadband infrastructure companies		Unfunded
						Total Funding Gap	21,843,600

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AYLESBURY ACTION AREA							
Buses: Aylesbury public transport. Provision of new/enhanced bus routes to support new housing and developments	Transport	Aylesbury AAP (2010); Transport Plan (2011)	£4.5m	2015-2026	LBS, TfL		TfL, LBS Unfunded by £4.5m
Road network: Aylesbury. Improvements to Westmorland Road, Albany Road, Thurlow Street, Portland Street and other access streets.	Transport	Aylesbury AAP (2010); Transport Plan (2011)	£12.1m	2013-2026	LBS		LBS CIL, S106; Unfunded by £12.1m
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.	Open Space, Public realm and Biodiversity	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.	Open Space, Public realm and Biodiversity	Aylesbury AAP (2010)	£690,000	2014-2018	LBS		Potential Developer S106 Planning Contribution LBS CIL Unfunded by £690,000
Aylesbury playspace: Provision of new playspace to support regeneration of the Aylesbury Estate	Open Space, Public realm and Biodiversity	Aylesbury AAP (2010)	£4.7m	2013-2026	LBS		Potential Developer S106 Planning Contribution LBS CIL

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							Unfunded by £4.7m
Burgess Park improvements: Phase 2-4 improvements to Burgess Park.	Open Space, Public realm and Biodiversity	Aylesbury AAP (2010); LBS Capital Programme	£20m	2015-2026	LBS		LBS, LBS CIL Unfunded by £20m
Aylesbury pre-school space: Provision of early years facilities to support the regeneration of the Aylesbury Estate	Education	Aylesbury AAP (2010)	£3m	2015-2017	LBS, Developer		LBS, Developer s106 planning contribution Unfunded by £3m
Aylesbury Health Centre and medical practice: Rebuild the existing centre to increase the capacity and expand the offer of health facilities	Primary Health Care	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
Aylesbury Utilities and CHP proposal: Provision of CHP/communal heating for the new neighbourhood	Sustainability	Aylesbury AAP (2010)	£13m	2013-2026	LBS		LBS CIL Unfunded by £13m
Aylesbury: new employment space	Socio-economic infrastructure	Aylesbury AAP (2010)	£2m	2015-2026	LBS		Unfunded by £2m
						Total Funding Gap	75,690,000
CAMBERWELL ACTION AREA							
Road Network: Camberwell town centre revitalisation scheme. The focus of the project is the area around the town centre. The	Transport	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

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<p>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 centre by reviewing the location of bus stands, operating procedures and services patterns, in conjunction with TfL Buses; Improving pedestrian facilities in order to provide a focus to the town centre. Specifically this includes pedestrian access to Camberwell Green and improving and providing links to key community facilities such as Camberwell Baths, Kings College Hospital, Magistrates Court; Butterfly walk and the new library. Introduce 'gateway(s)' to Camberwell town centre, for example, lighting improvements on the railway bridge or a gateway feature at junction of Denmark Hill and Coldharbour Lane. Enlivening and improving</p>							
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the dead spaces around the town centre.							
Camberwell station	Transport	Vision For Camberwell Improving Streets and Public Spaces;	tbc	tbc	LBS and TFL		Unfunded
						Total Funding Gap	4,120,000
PECKHAM AND NUNHEAD ACTION AREA							
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.	Transport	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

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National Rail: Queens Road Peckham. Improved access and forecourt improvements.	Transport	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	
Peckham: Potential for improved utilisation and expansion of the Lister Health Centre including the provision of additional services	Primary Health Care	NHS Southwark Estates Strategy (2011) Community-based care Strategy	£8m	tbc	NHS, LBS		NHS, LBS CIL Unfunded by £8m
Peckham Library: Ongoing programme of refurbishment and upgrading of Peckham Library to address long standing design issues and to modernise the building to address future growth in the area. Making better use of existing space (configuration, lighting, furnishings and equipment and address a range of environmental issues exacerbated by additional use form growth in the area).	Arts, cultural and community facilities	Library Service Review report to Cabinet (2011); Draft Peckham and Nunhead AAP (2012)	£4 m	2014-2018	LBS		LBS,LBS CIL Unfunded by £4m
						Total Funding Gap	12,000,000
BOROUGH WIDE							
Cycling – local. Improvements will be needed to ensure walking and cycling are attractive	Transport	Transport Plan (2011)	N/A	Site by site	TfL, LBS	Site specific and existing Developer S106 Planning Contribution	

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options from every development. This will involve small scale improvements as necessary spread across the whole borough.							
<p>Cycling – strategic 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.</p>	Transport	Transport Plan (2011)	tbc	tbc	TfL, LBS	Developer S106 Planning Contribution	LBS CIL, TfL
<p>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.</p>	Transport	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	
<p>Open Spaces improvement projects. Delivery of improvements identified in draft Open Spaces Strategy (excluding specific projects identified</p>	Open Space, Public realm and Biodiversity	Open Spaces Strategy (2013)	£13.4m (based on 64 sites)		LBS, Developer		LBS CIL Unfunded by £13.4m

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below)							
<p>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 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.</p>	<p>Open Space, Public realm and Biodiversity</p>	<p>GLA - All London Green Grid (ALGG)</p>	<p>£5.85m (based on 35 sites)</p>	<p>2013-2026</p>		<p>LBS £450,000</p>	<p>LBS CIL Unfunded by £5.4m</p>
<p>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 improves access, safety and ecological values of</p>	<p>Open Space, Public realm and Biodiversity</p>	<p>Open Spaces Strategy (2013)</p>	<p>£50,000</p>	<p>2012-2013</p>	<p>LBS</p>	<p>Existing Developer S106 Planning Contribution £50,000</p>	

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the two spaces and integrates a redundant road to enhance the visual appeal of the park and surrounding area.							
Biodiversity projects and improvements:	Open Space, Public realm and Biodiversity	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)	Open Space, Public realm and Biodiversity	Core Strategy DIP (2010)	£550,000	2013-2020	LBS		LBS Unfunded by £550,000
Cemetaries - 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 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.	Open Space, Public realm and Biodiversity	Cemetery 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

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Historic environment and heritage assets	Open Space, Public realm and Biodiversity	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
Secondary Schools: Building Schools for the Future programme provided new or rebuilt schools to meet existing and short term demand.	Education	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	Education	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	Education	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.	Education	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

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<p>Primary Schools: 11 FE of entry required for the provision of new classrooms on existing school sites.</p>	<p>Education</p>	<p>Primary Strategy for Change programme</p>	<p>£5m per new FE based on 3 most recent school extensions.</p>	<p>Responding directly to demand in future years.</p>	<p>LBS</p>		<p>LBS Primary Capital Programme £55m, S106s agreed at the time of CIL implementation; LBS CIL (anticipated to provide 25%.)</p>
<p>Nursery / reception (2-4) (assume 50% leakage to private sector): requirement for 712 places.</p> <p>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 Grant (2008-11).</p>	<p>Education</p>	<p>Children and Young People's Plan (2010-2013)</p>	<p>tbc</p>	<p>2013-2026</p>	<p>LBS, Developers</p>		<p>LBS, S106s agreed at the time of CIL implementation Unfunded</p>
<p>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</p>	<p>Primary Health Care</p>	<p>NHS HUDU toolkit</p>	<p>£162.6m</p>	<p>2012-2026</p>	<p>NHS, LBS, Developers</p>		<p>NHS, LBS CIL Unfunded by £162.6m</p>

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homes between 2011 and 2026, equating to a total cost of £162.6m. Areas where need for new facilities has been identified include Bankside, Elephant and Castle and Canada Water.							
Modernised Adult Care facilities	Primary Health Care	Community-based Care Strategy	Tbc	Tbc	NHS, LBS, Developers	Unfunded	Unfunded
Dulwich Hospital site: Refurbishment/new build to re-provide primary care facilities and provide additional community health services. This is to support GP practices in the south of the borough in delivering the Community-based Care Strategy and is consistent with the Primary and Community Strategy.	Primary Health Care	NHS Southwark Estates Strategy (2011) Community-based Care Strategy	£15-20m	2013-2015	NHS	Unfunded	NHS Unfunded by £20m
Grove Vale library: Complete fit out to an appropriate and durable standard. Size is 230 sqm.	Arts, cultural and community facilities	Library Service Review report to Cabinet (2011)	£250,000	2011-2013	LBS	LBS, Developer S106 Planning Contribution £250,000	
Art and performance spaces: Opportunities to deliver new or improved arts and performance spaces will arise through reconfiguration, or	Arts, cultural and community facilities	Core Strategy DIP (2010)	tbc	2011-2026	LBS, Developer		LBS CIL, Developer s106 planning contribution Unfunded

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rebuilding of existing community buildings or through delivery of arts spaces within new educational/community facilities.							
<p>Community Space: 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.</p>	<p>Arts, cultural and community facilities</p>	Core Strategy DIP (2010)	tbc	2011-2026	LBS, Developer		LBS CIL, Developer s106 planning contribution Unfunded
<p>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.</p>	<p>Sport and Leisure</p>		tbc	2011-2026	Herne Hill Velodrome Trust/British Cycling	Southwark 2012 Olympic Legacy Fund £400,000	Unfunded

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<p>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.</p>	<p>Sport and Leisure</p>	<p>Draft Playing Pitch Strategy (2009)</p>	<p>£820,000</p>	<p>2012 - 2013</p>	<p>LBS, Football Foundation</p>	<p>Sport England's Protecting Playing Field Fund £45,000 Southwark Councils 2012 Olympic Legacy Fund £175,000</p>	
<p>Southwark Sports Ground: Refurbishment of existing sports pavilion. The changing accommodation at the site is poor quality and in need of upgrade.</p>	<p>Sport and Leisure</p>	<p>Draft Playing Pitch Strategy (2009)</p>	<p>£300,000</p>	<p>2012-13</p>	<p>LBS, Football Foundation</p>		
<p>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</p>	<p>Sport and Leisure</p>	<p>Draft Playing Pitch Strategy (2009)</p>	<p>tbc</p>	<p>2015-18</p>	<p>LBS</p>	<p>tbc</p>	<p>Unfunded</p>
<p>37,352 new population over the period to 2026, of which 31,312 are of working age. With a current Southwark unemployment rate of 11.2%, we would expect</p>	<p>Socio-economic infrastructure</p>	<p>Southwark Economic Development Strategy (2010-2016)</p>	<p>£7.25m</p>	<p>Annually when needed</p>	<p>LBS, Southwark Works, Job Centre Plus</p>		<p>LBS CIL Unfunded by £7.25m</p>

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<p>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 long term unemployed new residents . Unit cost of LBS commissioned support for a 26 week sustained job is £4,024.</p>							
<p>Water/ Sewerage/Waste water (Thames Water)</p>							
<p>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.</p>	<p>Secondary Infrastructure</p>			<p>N/A</p>	<p>Thames Water</p>	<p>N/A</p>	

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<p>Storm Water Storage: It is possible that long term planned growth in the regeneration areas might affect the occurrence and significance of flooding. Surface water flood risk mitigation measures will be required. Storage areas are planned in open public spaces in the Dulwich, Peckham Rye, Camberwell and North Peckham areas to mitigate risk in these areas where . The next stage towards updating and improving upon existing planned delivery of projects will involve completing a Surface Water Management Plan for the borough to identify the neighbourhoods and individual planning units that are at risk of flooding and to propose suitable mitigation measures aside from simply avoiding all potential development of those areas.</p>	<p>Secondary Infrastructure</p>	<p>Southwark Interim Preliminary Flood Risk Assessment (2011)</p>	<p>£12.7m</p>	<p>2014/15-2017/2018</p>	<p>Thames Water, The Environment Agency, LBS Principal Contractor</p>	<p>The Environment Agency - Flood Defence Grant in Aid Unfunded by £12.7m</p>
<p>Gas</p>						

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<p>The 'host' providers for the London area are National Grid and Scotia Gas 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 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.</p>	<p>Secondary Infrastructure</p>	<p>Central London Forward Infrastructure Study (2010)</p>	<p>N/A</p>	<p>N/A</p>	<p>National Grid and Scotia Gas Networks</p>	<p>N/A</p>	
<p>Electricity</p>							
<p>EDF's Distribution Price Control Review (DPCR) sets out plans for growth anticipated for London's central area, based on known developments extracted from the planning process. A number of schemes which will increase capacity are underway. This includes a new primary sub-station being built behind Tate Modern,</p>	<p>Secondary Infrastructure</p>	<p>Central London Forward Infrastructure Study (2010)</p>	<p>N/A</p>	<p>N/A</p>	<p>EDF Energy, Developers</p>	<p>N/A</p>	

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which will connect to 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.							
Wifi in Public places: 40 stations each costing £10,000			£400,000	tbc	LBS with Partner		LBS Unfunded £400000
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 infrastructure requirements at this time but will continue to review forecasted growth in the borough and assess future policing needs.	Emergency services	Metropolitan Police Service Asset Management Plan (2007)	N/A	N/A	MPS	N/A	
Fire							

INFRASTRUCTURE PLAN

<p>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 rich with very good 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 floorspace. Instead there is a focus on rebuilding and refurbishing the existing ones.</p>	<p>Emergency services</p>	<p>Central London Forward Infrastructure Study (2010)</p>	<p>N/A</p>	<p>N/A</p>	<p>LPFA</p>	<p>Private finance initiative (PFI)</p>	
<p>Ambulance</p>							

INFRASTRUCTURE PLAN

<p>Managing demand and need for Ambulance provision correlates more with procedures and practice than population growth. The demand for ambulance provision is forecast using historical incident data within the Health service area they attend. Consultation with the London Ambulance Trust has revealed that the forward strategy focuses on changes to the way emergencies are responded to rather than opportunities relating to property. For this reason the London Ambulance Trust has not identified any specific infrastructure needs at the present time, but will continue to review the impact of planned and natural growth and how this translates into additional demand on their services over time.</p>	<p>Emergency services</p>	<p>Central London Forward Infrastructure Study (2010)</p>	<p>N/A</p>	<p>N/A</p>	<p>London Ambulance Trust</p>	<p>N/A</p>	
						<p>Total Funding Gap</p>	<p>354,767,524</p>