

AGENDA ITEM: 6 Pages 10 – 61

Meeting	Cabinet Resources Committee
Date	2 September 2010
Subject	Barnet's Infrastructure Delivery Plan
Report of	Cabinet Member for Housing, Planning and Regeneration
Summary	The Infrastructure Delivery Plan (IDP) is a key piece of evidence for the Council's Local Development Framework (LDF) Core Strategy. It provides a tool to make visible and join-up across public and private sector organisations strategic plans for delivery of the physical, social and green infrastructure necessary to address both natural and planned population change over the period 2011-2026. It also provides the basis for introducing a Community Infrastructure Levy for the Borough, to replace Section 106 tariffs, should the legislation introducing this be confirmed by the Coalition Government.

Officer Contributors	Stewart Murray – Director of Planning, Housing and Regeneration Lucy Shomali – Assistant Director of Strategy (Planning and Housing)
Status (public or exempt)	Public
Wards affected	All
Enclosures	Appendix – Draft Infrastructure Delivery Plan
For decision by	Cabinet Resources Committee
Function of	Executive
Reason for urgency / exemption from call-in (if appropriate)	Not applicable

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1. RECOMMENDATIONS

- 1.1 That the Infrastructure Delivery Plan be published as part of the Core Strategy evidence base to be submitted for formal examination to the Secretary of State.**
- 1.2 That the Director of Planning, Housing and Regeneration be authorised, in consultation with the Cabinet Member for Housing, Planning and Regeneration, to make any necessary changes to the Infrastructure Delivery Plan prior to the Core Strategy – Publication Stage as further information becomes available.**
- 1.3 That the Infrastructure Delivery Plan be used to provide the basis for preparing a charging schedule for the Community Infrastructure Levy (CIL) to replace Section 106 agreements in Barnet as the principal mechanism for securing infrastructure funding to support new development should the coalition government confirm that the legislation introducing CIL will proceed.**

2. RELEVANT PREVIOUS DECISIONS

- 2.1 Cabinet, 26 February 2007 (Decision item 6) – approved the Local Development Scheme (LDS) (the project programme for the Local Development Framework) which includes preparing the Core Strategy.
- 2.2 The Leader of the Council approved by delegated powers on 31 March 2007 (DPR 247) revisions to the LDS.
- 2.3 Cabinet, 23 October 2008 (Decision item 7) – approved the contents and appendix for public inspection of a Physical Infrastructure Framework outlining the transport requirements relating to the Borough's physical infrastructure needs.
- 2.4 Cabinet, 22 April 2009 (Decision item 6) – “saved” policies of the Unitary Development Plan (adopted 2006) as the statutory policy basis for planning decisions locally, pending its replacement by the Local Development Framework.

3. CORPORATE PRIORITIES AND POLICY CONSIDERATIONS

- 3.1 All three priorities in the Corporate Plan 2010 to 2013 are relevant to the content of the dataset within the Infrastructure Delivery Plan (IDP), as a reflection of all projects taking place across the public sector, and also in its potential future usage for creating new linkages and possibilities for economy, efficacy and efficiency.
- 3.2 On “better services with less money”, the IDP addresses:
 - The need to make more efficient use of social infrastructure assets in order to improve service delivery such as through integration of services such as libraries and children's centres into 'hubs'; and
 - The potential to establish a Community Infrastructure Levy (CIL) as the replacement for Section 106 funding through use of the requirements listed in the IDP as a basis for developing a CIL charging schedule.
- 3.3 On “sharing opportunities and sharing responsibilities”, the IDP addresses:
 - The ability to create opportunities for more joined-up delivery of new and upgraded infrastructure, such as through better planning of the timing and location of utilities and highways improvements; and
 - Facilitating a spatial joining-up of delivery planned to address wider health needs through joint provision of social and green infrastructure.

- 3.4 On “a successful London Suburb”, the IDP addresses:
- The need to keep the Borough moving and maintain the capacity of essential utilities networks through co-ordinated and effective plans for delivering the necessary additional physical infrastructure;
 - Ensuring that schools, libraries, health, policing and other community facilities are delivered alongside improvements to facilities and plans for emergency services to fully address social infrastructure needs; and
 - Identifying the need and locations for protecting and enhancing open spaces, measures to ensure protection from the risk of flooding and delivering opportunities for ensuring sustainable energy and waste provision through considering the green infrastructure needs.
- 3.5 The Council ‘Three Strands Approach: Protect, Enhance and Consolidate planned Growth (PECG)’ is a key planning and regeneration strategy that requires effective infrastructure planning and funding solutions to have real effect.

4. RISK MANAGEMENT ISSUES

- 4.1 Failure to provide a detailed and up to date evidence base including an Infrastructure Delivery Plan which provides evidence of the delivery of the necessary infrastructure to support future population growth could lead to the Core Strategy being found ‘unsound’ by the Planning Inspectorate which would seriously delay plan-making in the Borough.
- 4.2 Failure to utilise the information from the Infrastructure Delivery Plan (IDP) towards the delivery of a Community Infrastructure Levy could limit the Council’s ability to secure financial contributions towards infrastructure from development. Therefore, once detailed Community Infrastructure Levy guidance is published by the government, existing Section 106 guidance must be replaced with a new ‘charging schedule’ by July 2014 to avoid the loss of income to the local authority for Education, Libraries and Healthcare facilities.
- 4.3 Failure to deliver a Charging Schedule sooner than July 2014 could lead to a loss of potential additional income for capital investment for both the existing areas of Education, Libraries and Healthcare, but also in areas where we do not currently have Section 106 policy guidance, such as parks and open spaces and in particular for transport infrastructure including highways. Furthermore, failure to ensure a local Community Infrastructure Levy is delivered in a timely manner could mean that local priorities may not sufficiently be taken into account at the regional scale when the Mayor’s Charging Schedule is assessed for its impact on development viability across London.
- 4.4 Failure to effectively utilise the strategic information available in the IDP would undermine the opportunity to deliver necessary and planned infrastructure in a more joined-up and cost-effective manner.

5. EQUALITIES AND DIVERSITY ISSUES

- 5.1 The IDP provides a high-level risk assessment and cost analysis framework for the delivery of infrastructure necessary to improve opportunities for and quality of life of the Borough’s residents. It details the delivery of ‘critical’, ‘necessary’ and ‘preferred’ community benefits including educational and healthcare facilities; highways improvements; and open space provision for future and existing residents from all of the Borough’s diverse communities.

5.2 The Core Strategy, the parent document to the IDP will be accompanied by an Equalities Impact Assessment (EqIA) which will address the six questions for assessing equalities in the Corporate Plan and will ensure that policies developed and implemented through the LDF process as a whole contribute to improving the lives of local communities.

5.3 In order to ensure the comprehensiveness and completeness of the dataset within the IDP, close coordination with the Local Strategic Partnership and other relevant bodies has and is still taking place; including with representatives of the Metropolitan Police, London Fire Brigade, London Ambulance Trust, NHS Barnet, Virgin Media, BT, Thames Water, Veolia Water and the National Grid. The IDP also seeks to account for all recent strategies and investment plans within the Council and by national government departments such as the Environment and Highways Agencies.

6. USE OF RESOURCES IMPLICATIONS (Finance, Procurement, Performance & Value for Money, Staffing, IT, Property, Sustainability)

6.1 The cost of preparing the Infrastructure Delivery Plan is included in the Planning, Housing and Regeneration Directorate's budget. Work on improving the detail of the dataset within the IDP will continue throughout 2010-11 as part of preparation of the evidence base for the Community Infrastructure Levy.

6.2 Use of electronic means of communication has been maximised in order to reduce process and production costs.

6.3 Of the £1.2m Section 106 income received in 2009-10, £298,000, or 26% of income, related to education and libraries tariff obligations from the smaller and incremental developments i.e. schemes outside of the major regeneration projects such as Brent Cross Cricklewood and Colindale and not relating to any specific requirements or other mitigation measures. Replacement with a new Community Infrastructure Levy could mean that a larger overall sum is captured from these smaller incremental developments towards both education facilities and for current infrastructure areas that do not have a Section 106 tariff such as strategic highways, subject to ensuring that development overall remains viable.

7. LEGAL ISSUES

7.1 The Planning and Compulsory Purchase Act 2004 and the Town and Country Planning (Local Development) (England) Regulations 2004 provide guidance on the preparation and adoption of Local Development Documents, of which the Core Strategy, the parent document to this piece of evidence is the key document setting out a spatial vision and a set of high level strategic policies for the Borough.

7.2 Upon formal adoption the Core Strategy will become a statutory Development Plan Document which provides part of the Borough's planning policy framework. The IDP will need to be kept up to date in order to sufficiently evidence achievement and management of infrastructure delivery within the annual monitoring report.

8. CONSTITUTIONAL POWERS

8.1 The Council's Constitution in Part 3, Responsibility for Functions, states in paragraph 3.6 the functions delegated to the Cabinet Resources Committee.

9. BACKGROUND INFORMATION

- 9.1. The LDF Core Strategy comprises the long-term spatial vision and strategic place-shaping objectives for the Borough; the Infrastructure Delivery Plan (IDP) is a key piece of the monitoring and implementation framework used to evidence how planned and natural population growth will be facilitated.
- 9.2. The Core Strategy will be reported to Cabinet on 6 September 2010 for formal approval to move forward to the Publication Stage. This is the final stage of consultation prior to submission to the Secretary of State for an Examination in Public at which the soundness of the Core Strategy will be tested. Part of the soundness of the document will be determined by the robustness of the evidence which underpins it including evidence of deliverability of the necessary infrastructure to support future housing delivery and population growth. The Council therefore needs an effective and robust Borough-wide infrastructure plan and funding strategy.
- 9.3. An approved Infrastructure Delivery Plan also creates a valued dataset for successfully implementing a One-Barnet approach. This dataset enables the council as well as key partners to understand how we will shape the future of the Borough whilst continuing to work with stakeholders as well as current and future residents to meet their needs and expectations.

9.4 Purpose of the Infrastructure Delivery Plan

- 9.4.1 The IDP has a dual role as both a planning document and a corporate document; fully realising the importance of both, is key to achieving the greatest value from the dataset set out in the IDP.
- 9.4.2 The formal planning role is in satisfying the requirements of Planning Policy Statement (PPS) 12 to 'complement and inform the Core Strategy'. It does this through identifying the key pieces of physical, social and green infrastructure needed to achieve the objectives and policies set out in the Core Strategy over the lifetime of the document – in particular to ensure that an increase in population over the 15 year life of the Core Strategy through planned delivery of new housing and key regeneration projects can be supported through provision of the necessary supporting infrastructure.
- 9.4.3 The IDP also has a corporate role for the council and the Local Strategic Partnership, in that it will be a key document to support and inform other strategies, e.g. the forthcoming Libraries Strategy. It will also inform wider decisions relating to capital investment, and how funding should be distributed from sources such as Section 106 planning obligations.
- 9.4.4 The IDP contains information on the type, timing and potential costs of the infrastructure needed to support the housing development set out in the Core Strategy. The IDP and its subsequent updates will enable the Council and LSP partners to plan effectively for population change and to maximise the potential benefits associated with this to achieve wider economic, social and environmental objectives.
- 9.4.5 The IDP also sets out a broad concept of 'prioritisation of infrastructure' to ensure that the Council focuses on delivery of the right infrastructure at the right times that best serves the Borough and enhances Barnet as a successful London suburb. This responds to the anticipated timing for delivery of major housing developments, divided into three time periods: 2011-15, 2016-20 and 2021-25.

9.4.6 The objective of prioritisation is also to recognise that some infrastructure is required as a result of population growth and change, whereas other infrastructure is primarily needed to improve overall quality of life for residents or to achieve wider sustainability objectives. The IDP therefore identifies which infrastructure is *critical* in relation to delivering Core Strategy objectives, which infrastructure is *necessary* but not critical, and which is *preferred* if funding is available.

9.4.7 The key governance role lies in the fact that the IDP is a high-level document providing the mechanism for monitoring capital investment across our local public sector partner areas, to make plans corporately known and shared. Details are meant to be clearly exposed so that all partners know what is being delivered, where it is to happen and which agency is responsible for that delivery. However, funding does not need to be proven in order for items to be incorporated into the IDP, instead the objective is that all funding streams are visible and known and the IDP is used to identify gaps.

9.5 Process of compiling the Infrastructure Delivery Plan

9.5.1 The IDP will be a living document and therefore the Council should expect to maintain and update the content depending on the various purposes to which the data is being applied. This includes updating the level of priority and necessity in relation to the housing trajectory and annual monitoring of the Core Strategy, as well as risk management of delivery in relation to the specific infrastructure projects and items listed such as building schools or health facilities, or delivering specific highway improvements.

9.5.2 Preparation to date has focused on the dataset delivering a comprehensive evidence base for the Core Strategy sufficient to demonstrate that the Core Strategy is deliverable. This has therefore focused on consultation and coordination with a wide range of Council officers and key partners across the Local Strategic Partnership to ensure that all programmes and anticipated timeframes are captured.

9.5.3 Detailed work so far has included reviewing planned capital and infrastructure investment and cost estimation where possible. A gap analysis has been undertaken to make visible any differences between information relating to demand and plans for supply of infrastructure to ensure comprehensiveness. Lastly, the process of contingency planning is underway to begin the process of identifying reasonable alternative provision or the means for handling resulting problems in case any specific items of ‘critical’ or ‘necessary’ infrastructure are delayed or fail to be delivered.

9.6 Structure and content

9.6.1 The IDP is structured in three sections relating to physical infrastructure, social infrastructure and green infrastructure. Each section is divided into broad headings which are further subdivided into each key aspect as follows.

9.6.2 Physical Infrastructure

Movement and Connectivity	Highways, Junction and Public transport improvements, Parking, Cycling and Pedestrians
Utilities	Electricity, Gas , Water and Telecoms

9.6.3 Social Infrastructure

Education	Further and Higher Education, Secondary, Primary, Early Years and Special needs,
Health	Primary Care, Specialist Pathways, Unscheduled Care, Ambulance Service and Acute Care
Community Facilities	Libraries, Arts and Exhibition Spaces, Community Centres, Youth Provision, Religious Facilities, Other Facilities.
Sport and Recreation	Sports Centres, Sports Pitches, Swimming Pools, Play Facilities
Police and Justice	Back Office, Customer Facing, Courts
Fire and Rescue	Emergency Planning, Fire and Rescue Services

9.6.4 Green Infrastructure

Open Spaces	Natural Open Spaces, Parks, Green Chains, Hard Landscaping, Biodiversity
Energy	Decentralised Energy, Energy Efficiency
Waste	Waste Collection, Waste Transfer, Local Recycling Facilities
Flooding	Fluvial Flood Prevention, Localised Flood Prevention, Drainage Network

9.6.5 The draft IDP is attached to this report. This remains subject to change as further information becomes available and the dataset is refined. The final version will be accompanied by a brief summary document which will capture the headline issues for Barnet within the IDP. The final version of the IDP will be submitted to the Planning Inspector as part of the Core Strategy Evidence Base in the autumn of 2010.

9.7 Funding Infrastructure: The 'Community Infrastructure Levy' (CIL)

9.7.1 Currently planning and development related infrastructure funding is principally generated from Section 106 contributions, details of the income and its application are reported to this committee through the monitoring report. Current usage of Section 106 will largely be replaced through a new form of charge upon most development known as the 'Community Infrastructure Levy'. This was introduced in the Planning Act 2008 and brought into force through formal regulations published on 6 April 2010.

9.7.2 CIL primarily replaces the use of Section 106 for 'tariff obligations' and will operate as a process by which local authorities will publish a 'charging schedule' at approximately 5 year intervals as a formal document within the Local Development Framework. This charging schedule is required to be formally consulted upon and also deemed 'sound' by a Planning Inspector, meaning that the total financial impact of required infrastructure investment must ensure development stays economically viable; something that will need to be carefully assessed prior to submission.

- 9.7.3 The 'charging schedule' will essentially comprise of firstly a table of costs on a per unit or per m² basis for each type of development broken down into the cost for each kind of infrastructure. However, where it differs from Section 106 tariffs is that it secondly needs to include a detailed and costed list of all the infrastructure items required to be funded. In simplistic terms the total cost for the listed infrastructure is to be divided by all the anticipated development over the period in order to give the 'per unit' or 'per m²' levy.
- 9.7.4 A new requirement on local authorities is anticipated from this new system, being the need to publish online the infrastructure list from the charging schedule. This is then to be regularly maintained in order to evidence to developers how received funds have been applied to enable delivery of each of the items. This would sit under the LDF Core Strategy and Area Action Plans.
- 9.7.5 By 2014 this levy will become the only permitted mechanism through which contributions from new development can be legally 'pooled' for the delivery of required local and regional infrastructure. This means that the introduction of CIL will in particular affect income received through Section 106 tariffs the Council currently uses to address the impact of development on Education, Libraries and Healthcare facilities. These are structured on the basis of the average effect of each type of development in the form of a 'cost per unit constructed'. Therefore the implication for the Borough is a need to plan and cost all the facilities that we think we will need in order to address growth from both population and new development pressures; instead of planning the required facilities once a clear funding stream is secured.
- 9.7.6 Introduction of the charging schedule will offer the Council an opportunity to holistically compile the policy information required to extend the existing Section 106 investment streams to other strategic infrastructure such as parks, strategic highways, transport and community facilities. Production of sufficiently justifiable evidence under Section 106 legislation would have been difficult; CIL therefore offers a transparent and more acceptable means of legally justifying to developers the required infrastructure investment.
- 9.7.7 Progress in delivering a Barnet CIL is currently on hold whilst local authorities wait for the new Government to publish the required detailed guidance on how the process set out in the published technical regulations should operate in practice. We are informed by CLG that CIL will be progressed by the new administration in a similar way, but some minor adjustments are anticipated. Therefore whilst commencement on any detailed plans for delivering CIL remains 'on hold'; it is still sensible to begin preparing for a local CIL by compiling a detailed and accurate picture of the requirements for infrastructure investment.
- 9.7.8 Timing of the delivery of a local CIL will also be important as London will be the only region in the country where there is also the option for a regional scale CIL. The Mayor has confirmed that he will be seeking to deliver a regional CIL as soon as possible once the guidance is published. This Charging Schedule will allow him to set a charge for strategic transport infrastructure in London; this is likely to be directed to support the £300m CIL contribution required by government as part of the Crossrail funding package. A regional CIL will likely affect all development in London and therefore to ensure that the scale and impact of this Mayoral CIL is proportionate to local infrastructure needs, the Council will ideally need to progress its local CIL in parallel or ahead of the Mayor.

9.8 The Future Shape Project

- 9.8.1 The IDP will provide a valuable dataset of all building and service re-profiling measures being undertaken across public sector bodies to improve capacity and cost-effectiveness of infrastructure and public services. Close working with stakeholders and partners to align and better coordinate delivery programmes through the IDP will enable value-added service provision or efficiency savings in build costs to be realised from project budgets. This will require strong governance and leadership roles to be agreed corporately.
- 9.8.2 Opportunities for better coordination of utilities upgrade and highways improvement programmes could be facilitated through the analysis and alignment of the investment programmes detailed in the IDP. Furthermore in key growth areas by making the detailed costs of key infrastructure investment visible, there is potential to ensure utilities are laid so as to reduce long term road maintenance costs by insisting upon more effective and shared ways of laying the utilities.
- 9.8.3 Preparation of the IDP has identified the need to look at development of an integrated borough-wide strategy for delivering green infrastructure in order to make most effective use of all potential capital and revenue funding sources available, particularly in relation to open spaces.
- 9.9 Overall, the IDP has the potential to be a powerful tool to support the improved understanding of current and future assets and their long term investment and management, as well as raising significant financial contributions to the Council in support of infrastructure delivery related to consolidated growth and development.

10. LIST OF BACKGROUND PAPERS

- 10.1 Any person wishing to inspect the Infrastructure Delivery Plan should telephone 020 8359 4922 or email adam.driscoll@barnet.gov.uk.

Legal – CEH

CFO – JM

Infrastructure Delivery Plan

(Working Draft)

Appendix

Cabinet Resources Committee

2 September 2010

Key

- Each section begins with a summary of the general data quality and stage of the forward planning for required infrastructure.
- Rows highlighted in green relate to ‘completed’ projects, these are included to demonstrate historic ability to deliver infrastructure to the Planning Inspector. *(FY1 – the IDP is valid for the period 1 April 2011 - 31 March 2026 so some projects listed as ‘completed’ will only complete during the current financial year 2010-11).*
- Rows highlighted in grey relate to information or assessments of ‘expected needs’ and the risk to delivery during either a single period of the plan (a 5-year interval) or over the full 15-year period. These rows are listed before all the rows detailing the individual proposed infrastructure projects for the period.
- Rows highlighted in pastel orange relate to areas that still require researching in depth and therefore the proposed infrastructure to be delivered is unknown.
- Individual cells highlighted in yellow represent a reminder that information requires checking, completing or verification by a third party.
- Commercially sensitive estimated costs from developers have been blacked out.

Physical Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
			<p>TfL Strategic Public Transport Capacity Study, plus Brent Cross Cricklewood, Mill Hill East and Colindale AAP Transport Assessments have fed into this understanding of locally required movement infrastructure to meet growth, and this will be updated in tandem with the emerging Local Investment Plan that the Council is required to provide to TfL. Further development of this information is contingent on publication of the Mayor of London's Transport Plan in Summer 2010 and associated completion by the GLA of boroughwide modelling on the effect of growth as well as completion of North London Strategic Alliance's 'A5 Corridor Study'.</p> <p>Provisional costing for Transport Infrastructure improvements is notoriously difficult due to the unknown 'utilities factor' which leads to contingency allocations of around 70% on the cost of the work, therefore in order to further develop an understanding of the detailed cost to deliver movement infrastructure many of the items will require investment in 'feasibility studies' in order to gain a clearer picture of the overall level of movement infrastructure investment required. Barnet has responsibility to produce this information at level</p>											
Delivery	Movement	Passenger Transport	High Barnet Underground Station (step free access)	TfL	Completed	[TBC]	None	Northeast	Town Centre Chipping Barnet	N/A	2006-2010	Preferred	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Passenger Transport	Woodside Park Underground Station (step free access)	TfL	Completed	[TBC]	None	Northeast	N/A	N/A	2006-2010	Preferred	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Passenger Transport	West Finchley Underground Station (step free access)	TfL	Completed	[TBC]	None	Southeast	N/A	N/A	2006-2010	Preferred	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Passenger Transport	Finchley Central Underground Station (step free access)	TfL	Completed	[TBC]	None	Southeast	Town Centre Finchley Church End	N/A	2006-2010	Preferred	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Passenger Transport	Hendon Central Underground Station (step free access)	TfL	Completed	[TBC]	None	West	N/A	N/A	2006-2010	Preferred	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Passenger Transport	Mill Hill Broadway (platform length improvements)	Network Rail, First Capital Connect	Completed	[TBC]	None	West	N/A	N/A	2006-2010	Critical	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Passenger Transport	New MML Bridges at Aerodrome Road and lowered carriageway (double-decker buses)	St George, LBB, LDA, CLG	Completed	£21,077,108	None	West	AAP: Colindale	Beaufort Park Phase 1	2006-2010	Critical	CS09	Colindale AAP - Package 1 Highways Infrastructure
Delivery	Movement	Passenger Transport	Bus 186 Route Change	St George, LBB, London Buses	Completed	£660,000	N/A	West	AAP: Colindale	Beaufort Park 1	2006-2010	Critical	CS09	Sponsored Route Agreement SRA074 between LB Barnet & London Bus Services Ltd.
Need	Movement	Passenger Transport	Natural and planned increases to Barnet's population require additional public transport capacity.				Failure to deliver additional capacity will lead to increased road congestion and severe peak rail and tube congestion.				2011-2015			
Delivery	Movement	Passenger Transport	Northern Line Upgrade: 20% capacity increase and 18% faster journey times (additional trains; upgraded signalling; upgrading track...etc)	TfL	TfL	(£190m)	If not delivered then passenger conditions will be unacceptable and peak congestion will lead to modal shift away from Public Transport use for those commuting to Central London.	All	N/A	N/A	2011-2015	Critical	CS09	Draft Mayor's Transport Strategy - Public Draft (October 2009)
Delivery	Movement	Passenger Transport	Northern Line Upgrade: (additional trains; service pattern change)	TfL	TfL	(£100m-£1br)	If not delivered then peak capacity will quickly become unacceptable due to popn & additional housing growth.	All	N/A	N/A	2011-2015	Critical	CS09	Draft Mayor's Transport Strategy - Public Draft (October 2009)
Delivery	Movement	Passenger Transport	Thameslink Line Capacity Enhancement. (16 trains per hour + train lengthening)	Network Rail, First Capital Connect	First Capital Connect	[TBC]	Existing peak extreme congestion continued plus added pressure from growth in Colindale and Brent Cross	All	N/A	N/A	2011-2015	Critical	CS09	Draft Mayor's Transport Strategy - Public Draft (October 2009)

Physical Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Source	Data Source
Need	Movement	Passenger Transport	Great Northern Line potential through trains to South London	Network Rail, First Capital Connect	Unfunded TfL Programme	[TBC]	If not provided then reduced connectivity will increase passenger congestion at Finsbury Park & Kings Cross interchanges.	All	N/A	N/A	2011-2015	Preferred	CS09	Draft Mayor's Transport Strategy - Public Draft (October 2009)
Need	Movement	Passenger Transport	New Southgate Railway Station (improvements required in relation to new development)	Network Rail, First Capital Connect, LB Enfield, LBB	New Southgate AAP (Enfield Developer Contributions)	[Feasibility & costing work required]	Poor quality & unsafe station environment, poor access, and reduced public transport usage, interchange & safety.	Northeast	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations Staff (20 July 2010)
Need	Movement	Passenger Transport	Improved public transport accessibility - Buses	LBB, Developer Partner, London Buses	LBB, Developer Contribution	[Feasibility & costing work required]	Inability to maximise use of space on the business park without sufficient modal switch to alternative forms of transport.	Northeast	NLBP	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Passenger Transport	Unspecified Bus Route Changes (redirected through AAP area)	London Buses, Inglis Consortium	Developer obligation - (MHE Consortium)	[Feasibility & costing work required]	Insufficient penetration of public transport through AAP area, especially in early phases to support mode shift.	Northeast	AAP: Mill Hill East	Unknown	2011-2015	Critical	CS09	Mill Hill East AAP Policy MHE12
Delivery	Movement	Passenger Transport	Unspecified Bus Route Changes (redirected through AAP area)	London Buses, Inglis Consortium	Developer obligation - (MHE Consortium)	[Feasibility & costing work required]	Insufficient penetration of public transport through AAP area, especially in early phases to support mode shift.	Southeast	AAP: Mill Hill East	Unknown	2011-2015	Critical	CS09	Mill Hill East AAP Policy MHE12
Delivery	Movement	Passenger Transport	Cricklewood Railway Station (step-free access)	BXC Partners, Network Rail, TfL	Developer obligation - (BXC Phase 1)		Brent Cross inaccessible to those with access problems	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Cricklewood Railway Station (interchange)	BXC Partners, Network Rail, TfL	Developer obligation - (BXC Phase 1)		Failure to encourage mode shift to make traffic acceptable	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Brent Cross Underground Station (interchange)	BXC Partners, TfL	Developer obligation - (BXC Phase 1)		Failure to encourage mode shift to make traffic acceptable	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Templehof Bridge: new road link over North Circular (A406)	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 1)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Bus Route Changes (route subsidies)	BXC Partners, TfL	Developer obligation - (BXC Phase 1)		Insufficient penetration of public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Transport Fund	BXC Partners, TfL	Developer obligation - (BXC Phase 1)		Insufficient access to public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Bus Stop Improvements	BXC Partners, TfL	Developer obligation - (BXC Phase 1)		Failure to encourage mode shift to make traffic acceptable	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Station Square - Colindale (transport interchange)	Fairview, LBB	Direct Provision (developer obligation: Colindale Hospital)	£21,500,000	Poor quality gateway leading to the failure of the Colindale project & public realm	West	AAP: Colindale	Colindale Hospital (1-3)	2011-2015	Critical	CS09	S106 Agreement requirements for Colindale Hospital (planning application ref. H/00342/09) and Station House (planning application ref. H/00343/09)
Delivery	Movement	Passenger Transport	Colindale Underground Station (external structure)	Developers, TfL	Developer Contributions	To be delivered by developer	Poor quality station building & lack of image transformation of key Colindale gateway.	West	AAP: Colindale	Colindale Hospital (1)	2011-2015	Necessary	CS09	S106 Agreement requirements for Colindale Hospital (planning application ref. H/00342/09) and Station House (planning application ref. H/00343/09)
Delivery	Movement	Passenger Transport	Colindale Tube Station (step-free access)	TfL	Developer Contributions	Feasibility & costing work required	Poor public transport accessibility for residents & residents of new development	West	AAP: Colindale	Colindale Hospital (1)	2011-2015	Necessary	CS09	S106 Agreement requirements for Colindale Hospital (planning application ref. H/00342/09) and Station House (planning application ref. H/00343/09)

Physical Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Movement	Passenger Transport	New Bus Route (Colindale - F. Central) / Edgwarebury Lane / Hale Lane / Station Rd	Developers, LBB, London Buses	Developer Contributions, London Buses	[Feasibility & costing work required]	Insufficient penetration of public transport through AAP area to support mode shift.	West	AAP: Colindale	N/A	2011-2015	Critical	CS09	Colindale AAP - Policy 3.3 and 8.3 and S106 Agreements for Colindale hospital (planning application ref. W/01731/JS/04) + Grahame Park Estate (planning application ref. W/01731/JS/04).
Delivery	Movement	Junction Improvements	Subject to outcome of Town Centre Strategy	LBB	LBB, Developer Contribution	[Feasibility & costing work required]	Potential additional peak time congestion & reduced public transport speeds	West	Town Centre Edgware	N/A	2011-2015	Preferred	CS06 & CS09	Information from Environment and Operations Staff. (20 July 2010)
Delivery	Movement	Passenger Transport	Edgware Underground Station (interchange) - Subject to outcome of Town Centre Strategy	TfL, Developer Partner, London Buses, LBB	TfL, Developer Contribution	[Feasibility & costing work required]	Poor quality gateway & public realm creating bad impression of Edgware Town Centre	West	Town Centre Edgware	N/A	2011-2015	Preferred	CS06 & CS09	Information from Environment and Operations Staff. (20 July 2010)
Delivery	Movement	Passenger Transport	Bus Station Enlargement (to prevent queuing from main road)	TfL, Developer Partner, London Buses	TfL, Developer Contribution	[Unquantifiable at present]	Continued effects of congestion caused by buses queuing on the main road	West	Town Centre Edgware	N/A	2011-2015	Preferred	CS09	Information from Environment and Operations Staff. (20 July 2010)
Need	Movement	Passenger Transport	Planned increases to Barnet's population will require additional public transport capacity.				Failure to deliver additional capacity will lead to increased road congestion and severe peak rail and tube congestion.				2016-2020			
Delivery	Movement	Passenger Transport	Thameslink Line Capacity Enhancement. (24 trains per hour) / Great Northern Line peak 12 trains per hour on line	Network Rail, First Capital Connect	First Capital Connect	[TBC]	Future peak time congestion anticipated plus added pressure from growth in Colindale and Brent Cross	All	N/A	N/A	2016-2020	Necessary	CS09	Draft Mayor's Transport Strategy - Public Draft (October 2009)
Delivery	Movement	Passenger Transport	Alexandra Palace to Finsbury Park, = decreased congestion)	DfT, Network Rail, First Capital Connect	Unfunded TfL Programme	[TBC]	Lost opportunity to reduce extreme level peak crowding experienced by Barnet residents between Alexandra Palace + Finsbury Park.	All	N/A	N/A	2016-2020	Necessary	CS09	Draft Mayor's Transport Strategy - Public Draft (October 2009)
Delivery	Movement	Passenger Transport	Whetstone Underground Station (step free access)	TfL	Dependent on development coming forward in Whetstone	[Feasibility & costing work required]	Unfunded - feasibility and funding (linked to TfL plans) will determine. If not delivered, transport less accessible	Northeast	Town Centre Whetstone	N/A	2016-2020	Preferred	CS09	Needs confirmation from E&O or TfL
Delivery	Movement	Passenger Transport	Mill Hill East Underground Station (step-free access)	TfL	Feasibility & costing work required (In the region of £3,000,000)	Feasibility & costing work required	Poor public transport accessibility for residents & residents of new development	Southeast	AAP: Mill Hill East	Unknown	2016-2020	Necessary	CS09	Draft Mayor's Transport Strategy - Public Draft (October 2009)
Delivery	Movement	Passenger Transport	East Finchley Underground Station (step free access)	TfL	Depending on development coming forward in East Finchley	[Feasibility & costing work required]	Unfunded - feasibility and funding (linked to TfL plans) will determine. If not delivered, transport less accessible	Southeast	N/A	N/A	2016-2020	Preferred	CS09	Needs confirmation from E&O or TfL
Delivery	Movement	Passenger Transport	Mill Hill East Underground Station (bus interchange)	London Buses, TfL and Inglis Consortium	TfL, Inglis Consortium	[Feasibility & costing work required]	Unfunded - feasibility & funding (linked to development) will determine. If not delivered, transport less accessible	Southeast	AAP: Mill Hill East	Unknown	2016-2020	Necessary	CS09	Mill Hill East AAP Policy MHE12
Delivery	Movement	Passenger Transport	Burnt Oak Underground Station (step free access)	TfL	Depending on development coming forward in Burnt Oak	[Feasibility & costing work required]	Unfunded - feasibility and funding (linked to TfL plans) will determine. If not delivered, transport less accessible	West	N/A	N/A	2016-2020	Preferred	CS09	Needs confirmation from E&O or TfL
Delivery	Movement	Passenger Transport	Golders Green Underground Station (step free access)	TfL	Depending on development coming forward in Golders Green	[Feasibility & costing work required]	Unfunded - feasibility and funding (linked to TfL plans) will determine. If not delivered, transport less accessible	West	N/A	N/A	2016-2020	Preferred	CS09	Needs confirmation from E&O or TfL
Delivery	Movement	Passenger Transport	Mill Hill Broadway (step free access) - TBC	Network Rail, First Capital Connect	Unfunded and dependent on investment needs	[Feasibility & costing work required]	Thameslink inaccessible to those with access problems	West	N/A	N/A	2016-2020	Preferred	CS09	Needs confirmation from E&O or TfL

Physical Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Policy Source	Data Source
Delivery	Movement	Passenger Transport	Brent Cross Underground Station (step-free access)	BXC Partners, TfL	Developer obligation - (BXC Phase 2)		Brent Cross inaccessible to those with access problems	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	High Street North / Brent Cross Bus Station (bus interchange)	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 2)		Inability to redevelop the existing bus garage site without replacement provided	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Bus Route Changes (route subsidies)	BXC Partners, TfL	Developer obligation - (BXC Phase 2)		Insufficient penetration of public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Transport Fund	BXC Partners, TfL	Developer obligation - (BXC Phase 2)		Insufficient access to public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Bus Route Changes (route subsidies)	BXC Partners, TfL	Developer obligation - (BXC Phase 3)		Insufficient penetration of public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	3	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Transport Fund	BXC Partners, TfL	Developer obligation - (BXC Phase 3)		Insufficient access to public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	3	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	New Bus Route (Burnt Oak / Mill Hill, E-W route)	Developers, LBB, London Buses	Developer Contributions, London Buses	[Feasibility & costing work required]	Insufficient penetration of public transport through AAP area to support mode shift.	West	AAP: Colindale	N/A	2016-2020	Critical	CS09	Colindale AAP - Policy 3.3 and 8.3
Need	Movement	Passenger Transport	Planned increases to Barnet's population will require additional public transport capacity.				Failure to deliver additional capacity will lead to increased road congestion and severe peak rail and tube congestion.				2021-2025			
Need	Movement	Passenger Transport	New Barnet Railway Station (any planned improvements required in relation to new developments?)	Network Rail, First Capital Connect	Unfunded and uncosted	[Unknown]	Poor station environment & access, so reduced public transport usage & safety.	Northeast	N/A	N/A	2021-2025	Preferred	CS09	Needs confirmation from E&O or TfL
Need	Movement	Passenger Transport	Oakleigh Park Railway Station (any planned improvements?)	Network Rail, First Capital Connect	Unfunded and uncosted	[Unknown]	Poor access and therefore reduced public transport use	Northeast	N/A	N/A	2021-2025	Preferred	CS09	Needs confirmation from E&O or TfL
Delivery	Movement	Passenger Transport	Brent Cross Railway Station (enabling work)	BXC Partners, Network Rail	Developer obligation - (BXC Phase 4)		Required to enable the new MML station.	West	Brent Cross Cricklewood	4	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Bus Route Changes (route subsidies)	BXC Partners, TfL	Developer obligation - (BXC Phase 4)		Insufficient penetration of public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	4	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Transport Fund	BXC Partners, TfL	Developer obligation - (BXC Phase 4)		Insufficient access to public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	4	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Brent Cross Railway Station (station)	BXC Partners, Network Rail	Developer obligation - (BXC Phase 5)		Failure to encourage mode shift to make traffic acceptable	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Brent Cross Railway Station (interchange)	BXC Partners, Network Rail	Developer obligation - (BXC Phase 5)		Failure to encourage mode shift to make traffic acceptable	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Bus Route Changes (route subsidies)	BXC Partners, TfL	Developer obligation - (BXC Phase 5)		Insufficient penetration of public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Transport Fund	BXC Partners, TfL	Developer obligation - (BXC Phase 5)		Insufficient access to public transport through BXC area to support mode shift.	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Passenger Transport	Colindale Underground Station (booking hall + barriers)		Developer Contributions	Feasibility & costing work required	Potential overcrowding of Colindale station in later phases of development	West	AAP: Colindale	Peel Centre West	2021-2025	Necessary	CS09	Draft Mayor's Transport Strategy - Public Draft (October 2009)
Need	Movement	Goods Transport	To reduce road network congestion, road-rail freight interchange would be beneficial				Failure to deliver BXC project in its entirety would lose this opportunity for extra capacity				2021-2025			

Physical Infrastructure

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Delivery	Movement	Goods Transport	Rail Freight Facility	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 4)		If not delivered then one of six points is lost.	West	Brent Cross Cricklewood	4	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Goods Transport	New MML Train Stabling Facility	BXC Partners, Network Rail	Developer obligation - (BXC Phase 4)		Required to enable Phase 4 and new MML station.	West	Brent Cross Cricklewood	4	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Need	Movement	Junction Improvements	Projected population & travel behaviour will need capacity in key road network junctions to be addressed.				Failure to deliver additional capacity will lead to increased road congestion or a spread to increased use of minor roads				2011-2015			
Delivery	Movement	Junction Improvements	Henly's Corner: Finchley Road (A598) / North Circular (A406) / Great North Way (A1) "Half-Hamburger" work re 2012 Olympics" - Scheme Under Review	TfL	TfL	£8,300,000	Continued effects of severe congestion if not delivered - particularly in the medium term. Review required to balance consideration of short-term significant impacts from construction work against risk of long term loss of investment and necessary extra capacity	All	N/A	N/A	2011-2015	Critical	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	East Barnet Road / Victoria Rd / Station Rd Subject to Outcome of Town Centre Strategy	LBB	LBB	To be delivered by developer	Additional peak time congestion when gas works and others sites redeveloped.	Northeast	Town Centre New Barnet	N/A	2011-2015	Critical	CS06 & CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Great North Road / Wood Street Subject to outcome of Town Centre Strategy	LBB	LBB, Developer Contribution	[Feasibility and costing required]	Additional congestion and/or pedestrian safety risks outside the new Barnet College facility	Northeast	Town Centre Chipping Barnet	N/A	2011-2015	Necessary	CS06 & CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Great North Road / Oakleigh Road North / Tottenham Lane	LBB	LBB	[TBC]	Potential additional peak time congestion & reduced public transport speeds	Northeast	Town Centre Whetstone	N/A	2011-2015	Necessary	CS06 & CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Brunswick Park Road / Side Entrance	LBB, Developer Partner	Direct Provision: (developer obligation - NLBP)	To be delivered by developer	Potential peak time queuing on Brunswick Park Road	Northeast	NLBP	?	2011-2015	Preferred	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Oakleigh Park South / Main Entrance	LBB, Developer Partner	Direct Provision: (developer obligation - NLBP)	To be delivered by developer	Potential peak time queuing on Oakleigh Park Road	Northeast	NLBP	?	2011-2015	Preferred	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Ballards Lane / Neher Street Subject to outcome of Town Centre Strategy	LBB	LBB, Developer Contribution	[Feasibility and costing of options required]	Potential additional peak time congestion & reduced public transport speeds	Southeast	Town Centre Finchley Church End	N/A	2011-2015	Preferred	CS06 & CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Great North Road / Ballards Lane / Woodhouse Lane Subject to Outcome of Town Centre Strategy	LBB	LBB	[Feasibility and costing of options required]	Unsafe junction for meeting of various road users.	Southeast	Town Centre North Finchley	N/A	2011-2015	Preferred	CS06 & CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Watford Way (A41) / Aerodrome Road	TfL, LBB	Developer Contributions, TfL	[Feasibility & costing work required]	Insufficient capacity at junction between Colindale, Middx Uni and Strategic A41 route, leading to greater congestion.	West	AAP: Colindale	Grahame PK Estate Phase 1B	2011-2015	Critical	CS09	Colindale AAP - Package 1 Highways Infrastructure
Delivery	Movement	Junction Improvements	Mid Level Junction: Watford Way (A41) / North Circular (A406) Egress Junction:	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 1)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	North Circular (A406) / A41 Mid Level Intersection Brent Cross Centre	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 1)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)

Physical Infrastructure

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Delivery	Movement	Junction Improvements	Access/Egress Junction: North Circular (A406) / Brent Cross Centre	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Edgware Road (A5) / Humber Road / Geron Way (Access to waste handling facility)	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Edgware Road (A5) / Chichele Road / Cricklewood Lane (A407)	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Claremont Road North Junction (location?)	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Claremont Road South Junction (location?)	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Cricklewood Lane (A407) / Claremont Rd	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Templehof Link Road / Claremont Avenue	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Colindale Avenue / Edgware Road (A5)	TfL, LBB	Developer Contributions, TfL	[Cost Estimate programmed for 2010-11]	As a key gateway into Colindale this junction will become significantly more congested if additional capacity is not delivered	West	AAP: Colindale	Colindale Hospital	2011-2015	Critical	CS09	Colindale AAP - Package 1 Highways Infrastructure
Delivery	Movement	Junction Improvements	Aerodrome Road / Colindale Avenue / Lanacre Avenue / Grahame Park Way	Developers, LBB	Developer land swap and contributions	[Unknown]	As the key junction in Colindale it will become significantly more congested if additional capacity is not delivered	West	AAP: Colindale	Middx Uni Halls Site	2011-2015	Critical	CS09	Colindale AAP - Package 2 Highways Infrastructure
Delivery	Movement	Junction Improvements	North Lanacre Avenue / Grahame Park Way	Developers, LBB	Developer contributions, LBB	Ask Choices if cost exists	This junction is likely to become more congested if extra capacity is not delivered	West	AAP: Colindale	Grahame PK Estate Phase 3B	2011-2015	Critical	CS09	S106 Agreement requirements for Grahame Park Estate (Planning Application ref. W/01731/JS/04)
Delivery	Movement	Junction Improvements	Bunns Lane / Grahame Park Way	Developers, LBB	Developer contributions, LBB	Figure in Mouchell Docs	This junction is likely to become more congested if extra capacity is not delivered	West	AAP: Colindale	Grahame PK Estate Phase 3B	2011-2015	Critical	CS09	S106 Agreement requirements for Grahame Park Estate (Planning Application ref. W/01731/JS/04)
Delivery	Movement	Junction Improvements	Montrose Avenue / Edgware Road (A5)	TfL, LBB	Developer Contributions, TfL	Figure in Mouchell Docs	This junction is likely to become more congested if extra capacity is not delivered	West	AAP: Colindale	Unknown	2011-2015	Necessary	CS09	Colindale AAP - Package 1 Highways Infrastructure
Delivery	Movement	Junction Improvements	Edgware Road (A5) / Station Road (A5100) (re-signalisation)	LBB	Local Implementation Plan, Developer Contributions	£175,000	If not delivered then safety would be compromised and traffic flows delayed.	West	Town Centre Edgware	N/A	2011-2015	Critical	CS09	Information from Environment and Operations detailing LIP funding allocations (dated 30 April 2010)
Delivery	Movement	Junction Improvements	Canons Corner' junction capacity improvements	LBB	LBB	£165,000	Inadequate highways capacity leading to significant extra traffic congestion	West	Stonegrove and Spur Road Estate	?	2011-2015	Necessary	CS09	Stonegrove and Spur Road Planning Application (ref. W/13582/E/07)
Delivery	Movement	Junction Improvements	Spur Road Roundabout (A41) Edgware Way / Spur Road / Estate Road Network	LBB, TfL	TfL	[Included within Canon's Corner' cost]	Inadequate highways capacity leading to significant extra traffic congestion	West	Stonegrove and Spur Road Estate	?	2011-2015	Necessary	CS09	Stonegrove and Spur Road Planning Application (ref. W/13582/E/07)
Delivery	Movement	Junction Improvements	New estate road network / Stonegrove	LBB, Baratt's	LBB, Developer Contribution	To be delivered by developer	Potential queuing to enter or exit the new development onto the strategic road network	West	Stonegrove and Spur Road Estate	?	2011-2015	Preferred	CS09	Stonegrove and Spur Road Planning Application (ref. W/13582/E/07)
Delivery	Movement	Junction Improvements	New estate road network / Spur Road	LBB, Baratt's	LBB, Developer Contribution	To be delivered by developer	Only a risk if development proceeds and junctions not delivered, else not required.	West	Stonegrove and Spur Road Estate	?	2011-2015	Preferred	CS09	Stonegrove and Spur Road Planning Application (ref. W/13582/E/07)

Physical Infrastructure

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Delivery	Movement	Junction Improvements	New estate road network / Kings Drive	LBB, Baratt's	LBB, Developer Contribution	To be delivered by developer	Potential queuing to enter or exit the new development onto the strategic road network	West	Stonegrove and Spur Road Estate	?	2011-2015	Preferred	CS09	Stonegrove and Spur Road Planning Application (ref. W/13582/E/07)
Need	Movement	Junction Improvements	Projected population & travel behaviour will need capacity in key road network junctions to be addressed.				Failure to deliver additional capacity will lead to increased road congestion or a spread to increased use of minor roads				2016-2020			
Delivery	Movement	Junction Improvements	Great North Road (A1000) / Underhill	LBB, Developer Partner	LBB, Developer Contribution	£1,230,000	Additional peak time congestion when Dollis Valley and others sites redeveloped.	Northeast	Dollis Valley Estate	?	2016-2020	Necessary	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Mays Lane / Hammond close	LBB, Developer Partner	LBB, Developer Contribution (bidders will be asked to cost options for junctions)	[Unknown]	Constraint on public transport opportunities, estate access and egress	Northeast	Dollis Valley Estate	?	2016-2020	Necessary	CS09	Information from Environment and Operations (dated 28 July 2010)
Delivery	Movement	Junction Improvements	New estate road network / Mays Lane	LBB, Developer Partner	LBB, Developer Contribution (bidders will be asked to cost options for junctions)	[Unknown]	Potential additional peak time queuing on Mays Lane	Northeast	Dollis Valley Estate	?	2016-2020	Preferred	CS09	Information from Environment and Operations (dated 28 July 2010)
Delivery	Movement	Junction Improvements	New estate road network / Barnet Lane	LBB, Developer Partner	LBB, Developer Contribution (bidders will be asked to cost options for junctions)	[Unknown]	Reduced effectiveness of public transport routes	Northeast	Dollis Valley Estate	?	2016-2020	Preferred	CS09	Information from Environment and Operations (dated 28 July 2010)
Delivery	Movement	Junction Improvements	Mays Lane / Barnet Lane	LBB, Developer Partner	LBB, Developer Contribution (bidders will be asked to cost options for junctions)	[Unknown]	Potential additional peak time queuing on Mays Lane / Barnet Lane	Northeast	Dollis Valley Estate	?	2016-2020	Preferred	CS09	Information from Environment and Operations (dated 28 July 2010)
Delivery	Movement	Junction Improvements	Staples Corner and pedestrian bridge: M1 (Junction 1) / North Circular Road (A406) / Edgware Road (A5).	BXC Partners, LBB, TTL	Direct Provision: (Developer obligation - BXC Phase 2)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Watford Way (A41) / Whitefield Avenue	BXC Partners, LBB, TTL	Direct Provision: (Developer obligation - BXC Phase 2)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	2	2016-2020	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Cool Oak Lane / Edgware Road (A5)	Baratt's, LBB	Developer obligation - (W. Hendon Phase ?)	(Costings to be included in A5 widening)	if not delivered pedestrian safety compromised & congestion from Colindale & BXC would be unacceptable	West	West Hendon Estate	?	2016-2020	Necessary	CS09	West Hendon Estate Planning Application (ref. W/13937/04)
Delivery	Movement	Junction Improvements	Garrick Road / Edgware Road (A5)	Baratt's, LBB	Developer obligation - (W. Hendon Phase ?)	(Costings to be included in A5 widening)	if not delivered congestion from Colindale & BXC would be unacceptable	West	West Hendon Estate	?	2016-2020	Necessary	CS09	West Hendon Estate Planning Application (ref. W/13937/04)
Delivery	Movement	Junction Improvements	Station Road / Edgware Road (A5)	Baratt's, LBB	Developer obligation - (West Hendon)	(Costings to be included in A5 widening)	if not delivered congestion from Colindale & BXC would be unacceptable	West	West Hendon Estate	?	2016-2020	Necessary	CS09	West Hendon Estate Planning Application (ref. W/13937/04)
Delivery	Movement	Junction Improvements	New Link Road / Edgware Road (A5)	Baratt's, LBB	Developer obligation - (W. Hendon Phase ?)	(Costings to be included in A5 widening)	Only a risk if development proceeds and junctions not delivered, else not required.	West	West Hendon Estate	?	2016-2020	Preferred	CS09	West Hendon Estate Planning Application (ref. W/13937/04)
Delivery	Movement	Junction Improvements	New Link Road / Edgware Road (A5)	Baratt's, LBB	Developer obligation - (W. Hendon Phase ?)	(Costings to be included in A5 widening)	Only a risk if development proceeds and junctions not delivered, else not required.	West	West Hendon Estate	?	2016-2020	Preferred	CS09	West Hendon Estate Planning Application (ref. W/13937/04)
Delivery	Movement	Junction Improvements	Colindale Lane (A5150) / Peel Access Link	Met Police - Barnet, LBB, Developer	Developer Contributions	To be delivered by developer	Without a carefully considered junction design, this new route to Aerodrome Rd could cause congestion on Colindale Lane	West	AAP: Colindale	Peel Centre East	2016-2020	Critical	CS09	Colindale AAP - Package 3 Highways Infrastructure
Delivery	Movement	Junction Improvements	Aerodrome Road / Peel Access Link	Met Police - Barnet, LBB, Developer	Developer Contributions	To be delivered by developer	Without a carefully considered junction design, this new route to Colindale Lane could cause congestion on Aerodrome Rd	West	AAP: Colindale	Peel Centre East	2016-2020	Critical	CS09	Colindale AAP - Package 3 Highways Infrastructure

Physical Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Need	Movement	Junction Improvements	Projected population & travel behaviour will need capacity in key road network junctions to be addressed.				Failure to deliver additional capacity will lead to increased road congestion or a spread to increased use of minor roads							
Delivery	Movement	Junction Improvements	Henly's Corner: Finchley Road (A598) / North Circular (A406) / Great North Way (A1)	TfL	Unfunded - costs currently too prohibitive to deliver	<i>(£280m)</i> <i>Questionable - when & what was costed?</i>	Severe and long-term local congestion, particularly in later years if the 'half-hamburger' scheme is not implemented.	All	N/A	N/A	2021-2025	Necessary	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Golders Green Road / North Circular (A406)	TfL	[Included within Henly's Corner cost]		Additional congestion from localised growth plus added pressure from displaced traffic due to growth in BXC	All	N/A	N/A	2021-2025	Necessary	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Junction Improvements	Edgware Road (A5) / Oxgate Gardens	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 5)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	5	2021-2025	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Edgware Road (A5) / Dollis Hill Lane	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 5)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	5	2021-2025	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Junction Improvements	Edgware Road (A5) / Rail Freight Facility	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 4)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	4	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Need	Movement	Highways	Projected population & travel behaviour will need new road linkages network capacity to be addressed.				Failure to deliver capacity will prevent required new access points to road network, as well as leading to increased road congestion or a spread to increased use of minor roads				2011-2015			
Delivery	Movement	Highways	M25 J16-23 (M40-A1) Widening to Dual 4 Lane in stages: 2009-2012	Highways Agency	Highways Agency	<i>(£697m)</i>	Additional pressure on A406 from some orbital movement, also potential for additional orbital journeys switching and causing congestion on key A & B class roads to avoid M25 congestion hotspots.	All	N/A	N/A	2011-2015	Critical	CS09	http://www.highways.gov.uk/roads/projects/5747.aspx - envisaged costs on 06/03/08; parliamentary response to question from Norman Baker: http://www.highways.gov.uk/roads/21788.aspx
Delivery	Movement	Highways	M25 J23-27 (A1-M11) Implementation of Managed Motorway scheme through Hard Shoulder Running (enabling dual 4 Lanes) delivered 2012-2015	Highways Agency	Highways Agency	<i>(£419m)</i>	Additional pressure on A406 from some orbital movement, also potential for additional orbital journeys switching and causing congestion on key A & B class roads to avoid M25 congestion hotspots.	All	N/A	N/A	2011-2015	Critical	CS09	http://www.highways.gov.uk/roads/projects/5743.aspx - envisaged costs on 06/03/08, parliamentary response to question from Norman Baker: http://www.highways.gov.uk/roads/21788.aspx
Need	Movement	Highways	A10 / A411 Corridor (Current issues and works feasibility study)	LBB	Local Implementation Plan	?	Orbital travel needs assessing to identify congested and unsafe sections and suggest suitable measures	All	N/A	N/A	2011-2015	Critical	CS09	Information from Environment and Operations Staff (03 August 2010)
Need	Movement	Highways	A109 / A5109 Corridor (Current issues and works feasibility study)	LBB	Local Implementation Plan	?	Orbital travel needs assessing to identify congested and unsafe sections and suggest suitable measures	All	N/A	N/A	2011-2015	Critical	CS09	Information from Environment and Operations Staff (03 August 2010)
Need	Movement	Highways	A1003-(A598)-A504 Corridor (Current issues & feasibility study)	LBB	Local Implementation Plan	?	Orbital travel needs assessing to identify congested and unsafe sections and suggest suitable measures	All	N/A	N/A	2011-2015	Critical	CS09	Information from Environment and Operations Staff (03 August 2010)
Need	Movement	Highways	Highway improvements identified by & linked to School Travel Plans	LBB	Local Investment Plan, LBB	£300,000	Unsafe highway environments & congestion issues around some schools in the borough	All	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations Staff (dated 30 April 2010)

Physical Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Need	Movement	Highways	Highway improvements identified by & linked to specific accessibility cases and issues	LBB	Local Investment Plan, LBB	£100,000,000	Lack of appropriate accessible parking spaces near houses of specific residents and other key locations.	All	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations detailing LIP funding allocations (dated 30 April 2010)
Need	Movement	Highways	Strategic East-West Road through AAP site	LBB, Inglis Consortium	Direct Provision: (developer obligation - MHE Consortium)	£12,000,000	East-West distribution of travel will be compromised and pressure on existing congested junctions increased	Southeast	AAP: Mill Hill East	Unknown	2011-2015	Critical	CS09	Route required under Mill Hill East AAP Policy MHE10 - Costing figure listed in Barnet Finance Plan Report
Delivery	Movement	Highways	Improvements to Bittacy Hill, Frith Lane & Holders Hill Circus	LBB, Inglis Consortium	Developer obligation - (MHE Consortium)	£5,000,000	Pressure on existing congested junction increased	Southeast	AAP: Mill Hill East	Unknown	2011-2015	Critical	CS09	Route required under Mill Hill East AAP Policy MHE11 - Costing figure listed in Barnet Finance Plan Report
Need	Movement	Highways	Modified highway layout Subject to Outcome of Town Centre Strategy	LBB	LBB, Developer Contribution	Feasibility and costing of options required	Loss of opportunity to create higher quality and safer town centre environment	Southeast	Town Centre North Finchley	N/A	2011-2015	Preferred	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Highways	Division of 'Prince Charles Drive'	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Alterations to Templehof Link Road	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Tiling Rd Improvements (West of Whitefield Av)	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Creation of new road 'Claremont Avenue'	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Creation of new road 'Claremont Park Road 1'	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	North Circular (A406) Noise Reduction	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Edgware Road (A5) Corridor Improvements	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 1)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Colindale Avenue	LBB	Developer Contributions	£9,000,000	Without improvement, traffic on Colindale Av will be worse, & transformation of Colindale as a place to be is limited.	West	AAP: Colindale	Peel Centre West	2011-2015	Critical	CS09	Colindale AAP - Package 2 Highways Infrastructure - Figure from Barnet Finance Plan
Delivery	Movement	Highways	Realignment of Lanacre Avenue	LBB	Direct Provision (developer obligation - Grahame PK Estate)	To be delivered by developer	Without the creation of this new route, the Grahame Park Planning Application cannot be implemented.	West	AAP: Colindale	Grahame Park Phase 1-4	2011-2015	Critical	CS09	Colindale AAP - Policy 4.4 and Grahame Park Planning Application (ref. W/01731/JS/04)
Delivery	Movement	Parking	Colindale AAP: Electric Car Charging Points	LBB	Direct Provision (developer obligation)	To be delivered by developer	Failure to deliver Charging Points in developments upon construction would require prohibitively expensive retrofitting at a later date	West	AAP: Colindale	Various Phases	2011-2015	Necessary	CS09	Colindale AAP - Policy 3.7
Need	Movement	Highways	Projected population & travel behaviour will need new road linkages network capacity to be addressed.				Failure to deliver capacity will prevent required new access points to road network, as well as leading to increased road congestion or a spread to increased use of minor roads				2016-2020			
Delivery	Movement	Highways	High Street North of North Circular (A406)	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 2)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)

Physical Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Movement	Highways	High Street South of North Circular (A406)	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 2)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Edgware Road (A5) Corridor Improvements	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 2)		Prioritisation of public transport on A5 to enable sufficient mode shift to bus usage in peak congestion periods	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Creation of new road 'Whitefield Street'	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 2)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	2	2016-2020	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Tiling Rd Improvements (East of Whitefield Av)	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 2)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	2	2016-2020	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Creation of new road (Claremont Park Road 2)	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 2)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	2	2016-2020	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Creation of new road 'Whitefield Avenue'	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 3)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	3	2016-2020	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Edgware Road (A5) Corridor Improvements	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 3)		Prioritisation of public transport on A5 to enable sufficient mode shift to bus usage in peak congestion periods	West	Brent Cross Cricklewood	3	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	On line improvements for A5 Widening	Baratt's, LBB	Developer obligation - (West Hendon)	[TBC]	Without delivery of this key improvement then traffic flows on the A5 will be severely affected, in particular relating to growth in both Colindale and Brent Cross.	West	West Hendon Estate	?	2016-2020	Critical	CS09	West Hendon Estate Planning Application (ref. W13937/04)
Delivery	Movement	Highways	(Peel Access Link) Aerodrome Road / Colindale Lane (A5150)	Met Police - Barret, LBB, Developer	Direct Provision (developer obligation: Peel Site East)	To be delivered by developer	entry points into Colindale would be unacceptable with development at the Peel Centre	West	AAP: Colindale	Peel Centre East	2016-2020	Critical	CS09	Colindale AAP - Package 3 Highways Infrastructure
Need	Movement	Highways	Projected population & travel behaviour will need new road linkages network capacity to be addressed.				Failure to deliver capacity will prevent required new access points to road network, as well as leading to increased road congestion or a spread to increased use of minor roads				2021-2025			
Delivery	Movement	Highways	Bridge link road over Midland Main Line	BXC Partners, TfL	Direct Provision: (developer obligation - BXC Phase 5)		Inadequate highways capacity leading to significant extra traffic congestion	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Spine Road North of MML Link Bridge	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 5)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Spine Road South of MML Link Bridge	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 5)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Creation of new road 'Brent Terrace North'	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 7)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	7	2021-2025	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Highways	Creation of new road 'School Lane'	BXC Partners, LBB	Direct Provision: (developer obligation - BXC Phase 5)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	5	2021-2025	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Need	Movement	Parking	Growth in specific areas will need suitable parking facilities as well as clear management of on-street parking.				Failure to adequately provide new facilities & manage on-street parking could lead to increased road congestion / compromise pedestrian safety.				2011-2015			

Physical Infrastructure

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Need	Movement	Parking	Controlled Parking (Around stations, but only as required by new developments)	LBB	LBB / Developer Contributions	[Unknown]	Intensification of development around key interchanges must not place additional pressure on local parking conditions	All	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations Staff (20 July 2010)
Need	Movement	Parking	Controlled Parking (Around town centres, but only as required by new developments)	LBB	LBB / Developer Contributions	[Unknown]	Intensification of development around town centres with existing controlled parking schemes must not place additional pressure on local parking conditions	All	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Parking	All new developments to deliver Electric Car Charging Points	LBB	Direct Provision (developer obligation)	To be delivered by developers	Failure to deliver Charging Points in developments upon construction would require prohibitively expensive retrofitting at a later date	All	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Parking	Implementation of BXC Car Parking Strategy, e.g. BXC toll plazas & Tesco's Town Centre Car Parking Facility.	BXC Partners, TTL, LBB	Direct Provision: (developer obligation - BXC Phase 1)		Insufficient Parking Capacity relating to loss of Tesco's car park + insufficient revenue for delivering BXC infrastructure	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Parking	Controlled Parking (Colindale and Grahame Park)	LBB	Developer Contributions	£400,000	Without management around Grahame Park, the number of cars parked will be beyond the capacity of local roads	West	AAP: Colindale	Various Phases	2011-2015	Necessary	CS09	S106 Agreement requirements for Beaufort Park (planning application ref. W/00198/AD/04) and Grahame Park Estate (planning application ref. W/01731/US/04)
Delivery	Movement	Parking	Controlled Parking (Colindale Station)	LBB	Developer Contributions	£50,000	Without management around Colindale Station, the number of cars parked will be beyond the capacity of local roads	West	AAP: Colindale	Various Phases	2011-2015	Necessary	CS09	S106 Agreement requirements for Colindale Hospital (planning application ref. H/00342/09) and Station House (planning application ref. H/00343/09)
Need	Movement	Parking	Growth in specific areas will need suitable parking facilities as well as clear management of on-street parking.				Failure to adequately provide new facilities & manage on-street parking could lead to increased road congestion / compromise pedestrian safety.				2016-2020			
Delivery	Movement	Parking	Additional Southern Town Centre Car Parking Facility.	BXC Partners, TTL, LBB	Direct Provision: (developer obligation - BXC Phase 2)		Insufficient Parking Capacity for new residents + staff	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Parking	BXC: Electric Car Charging Points	LBB	Direct Provision (developer obligation)		Failure to deliver Charging Points in developments upon construction would require prohibitively expensive retrofitting at a later date	West	Brent Cross Cricklewood	Various Phases	2016-2020	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Parking	Controlled Parking (Brent Cross)	LBB	Developer Contributions		Without management around BXC, the number of cars parked will be beyond the capacity of local roads	West	Brent Cross Cricklewood	Various Phases	2016-2020	Necessary	CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	Whetstone Town Centre (Improved public realm & pedestrian facilities)	LBB	Completed	[TBC]	Less accessible and poor quality public realm in places making an unsuitable high street facility	Northeast	Town Centre Whetstone	N/A	2006-2010	Necessary	CS06 & CS09	Chipping Barnet Area Environment Committee Report (dated)
Need	Movement	Cycling / Pedestrians	Walking and cycling facilities improvements required to improve access, safety and quality of environment				Failure to provide adequate pedestrian / cycle routes could compromise safety, failure to improve the public realm could compromise usage.				2011-2015			
Delivery	Movement	Cycling / Pedestrians	3 Greenway Cycle Corridors (Improved cycling facilities)	LBB	Local Investment Plan, LBB	£970,000	Poor quality leisure cycling corridors.	All	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations detailing LIP funding allocations (dated 30 April 2010)

Physical Infrastructure

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Delivery	Movement	Cycling / Pedestrians	Off-road footpaths and alleyways (improved pedestrian facilities)	LBB	Local Investment Plan, LBB	£300,000	Poor quality unsafe pedestrian environment and decline of the neighbourhood centre	All	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations detailing LIP funding allocations (dated 30 April 2010)
Delivery	Movement	Cycling / Pedestrians	New Barnet Town Centre (Improved public realm & pedestrian facilities)	LBB	LBB	Feasibility and costing of options required	Continuation of town centre decline and failure to utilise development opportunities to trigger improvements.	Northeast	Town Centre New Barnet	N/A	2011-2015	Preferred	CS06 & CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Cycling / Pedestrians	Subject to Outcome of Town Centre Strategy	LBB	LBB	Feasibility and costing of options required	Additional congestion and/or pedestrian safety risks outside the new Barnet College facility	Northeast	Town Centre Chipping Barnet	N/A	2011-2015	Necessary	CS06 & CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Cycling / Pedestrians	Colney Hatch Lane (Improved public realm & pedestrian facilities)	LBB	Local Investment Plan, developer contributions, LBB	£385,000	Poor quality unsafe pedestrian environment and decline of the neighbourhood centre	Southeast	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations detailing LIP funding allocations (dated 30 April 2010)
Delivery	Movement	Cycling / Pedestrians	New Cycle Routes through AAP area inc. North-South linkage	LBB, Inglis Consortium	Direct Provision: (developer obligation - MHE Consortium)	To be delivered by developer	Insufficient access through AAP area to station, sufficient to support mode shift.	Southeast	AAP: Mill Hill East	Unknown	2011-2015	Necessary	CS09	Routes required under Mill Hill East AAP Policy MHE10.
Delivery	Movement	Cycling / Pedestrians	New Pedestrian Routes through AAP area inc. North-South linkage	LBB, Inglis Consortium	Direct Provision: (developer obligation - MHE Consortium)	To be delivered by developer	Insufficient access through AAP area to station, sufficient to support mode shift.	Southeast	AAP: Mill Hill East	Unknown	2011-2015	Necessary	CS09	Routes required under Mill Hill East AAP Policy MHE10.
Delivery	Movement	Cycling / Pedestrians	Finchley Church End (Improved public realm & pedestrian facilities)	LBB	LBB, Developer Contribution	Feasibility and costing of options required	Poor quality public realm leading to less successful Town Centre environment	Southeast	Town Centre Finchley Church End	N/A	2011-2015	Preferred	CS06 & CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Cycling / Pedestrians	North Finchley Town Centre (public realm & pedestrian facilities)	LBB	LBB, Developer Contribution	Feasibility and costing of options required	Loss of opportunity to create higher quality, and safer town centre environment	Southeast	Town Centre North Finchley	N/A	2011-2015	Preferred	CS06 & CS09	Information from Environment and Operations Staff (20 July 2010)
Delivery	Movement	Cycling / Pedestrians	Subject to Outcome of Town Centre Strategy	LBB	Developer obligation - (BXC Phase 1)	BXC Planning Application	Acceptable and deliverable	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	Brent Cross Pedestrian Underpass Works	TfL, LBB	Direct Provision: (developer obligation - BXC Phase 1)	To be delivered by developer	Without safe and clearly marked cycle routes through Colindale, there will not be sufficient mode shift in travel	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	Pedestrian and Cycle Network improvements across BXC.	TfL, LBB	Developer Contributions	To be delivered by developer	Without safe and clearly marked cycle routes through Colindale, there will not be sufficient mode shift in travel	West	AAP: Colindale	Various Phases	2011-2015	Necessary	CS09	Colindale AAP - Policy 3.2
Delivery	Movement	Cycling / Pedestrians	Colindale Lane (Improved public realm & pedestrian facilities)	LBB	Local Investment Plan, LBB	£189,000	Poor quality & unsafe pedestrian environment	West	N/A	N/A	2011-2015	Necessary	CS09	Information from Environment and Operations detailing LIP funding allocations (dated 30 April 2010)
Delivery	Movement	Cycling / Pedestrians	Edgware Town Centre (Improved public realm & pedestrian facilities)	TfL, Developer Partner, London Buses	Local Investment Plan, developer contributions, LBB	[TBC]	If not delivered then pedestrian safety and quality of environment is reduced.	West	Town Centre Edgware	N/A	2011-2015	Critical	CS06 & CS09	Information from Environment and Operations detailing LIP funding allocations (dated 30 April 2010)
Need	Movement	Cycling / Pedestrians	Walking and cycling facilities improvements required to improve access, safety and quality of environment				Failure to provide adequate pedestrian / cycle routes could compromise safety, failure to improve the public realm could compromise usage.				2016-2020			
Delivery	Movement	Cycling / Pedestrians	Pedestrian and Cyclist bridge over M1 J1	BXC Partners, TfL, LBB	Developer obligation - (BXC Phase 2)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	A41 Pedestrian Underpass Works	BXC Partners, TfL, LBB	Developer obligation - (BXC Phase 2)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)

Physical Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Movement	Cycling / Pedestrians	Pedestrian and Cycle Network improvements across BXC.	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 2)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	Cycle Route System into BXC area	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 2)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	2	2016-2020	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	Pedestrian and Cycle Network improvements across BXC.	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 3)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	3	2016-2020	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	Cycle Route System into BXC area	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 3)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	3	2016-2020	Necessary	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	Footbridge over Welsh Harp from West Hendon Estate	Baratt's, LBB	Direct Provision (Developer obligation - West Hendon)	£420,000	Inability to reduce severance + improve access to the site	West	Hendon Estate	?	2016-2020	Preferred	CS09	West Hendon Estate Planning Application (ref. W13937/04)
Delivery	Movement	Cycling / Pedestrians	Footbridge over Silk Stream to Sainsbury's Site from West Hendon Estate	Baratt's, LBB	Direct Provision (Developer obligation - West Hendon)	£548,000	Inability to reduce severance + improve access to the site	West	Hendon Estate	?	2016-2020	Preferred	CS09	West Hendon Estate Planning Application (ref. W13937/04)
Need	Movement	Cycling / Pedestrians	Walking and cycling facilities improvements required to improve access, safety and quality of environment				Failure to provide adequate pedestrian / cycle routes could compromise safety, failure to improve the public realm could compromise usage.				2021-2025			
Delivery	Movement	Cycling / Pedestrians	Pedestrian and Cycle Network improvements across BXC.	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 4)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	4	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	Footbridge over MML from Geron Way to Southern Town Centre	BXC Partners, TfL, LBB	Developer obligation (BXC Phase 5)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Movement	Cycling / Pedestrians	Pedestrian and Cycle Network improvements across BXC.	BXC Partners, TfL, LBB	Direct Provision: (developer obligation - BXC Phase 5)		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS02 & CS09	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
	UTILITIES	UTILITIES	Planning for growth in usage of utilities is almost universally focused at the national scale (except for local providers such as Thames Water). It is therefore very difficult to relate infrastructure planning to local planned growth except where detailed assessment (Brent Cross + MHE) has taken place. Where details are known it has been included, but in the main it is hoped that emerging information from the Mayor of London's Utilities Team will further add detail and costing to this section as well as discussions with developer partners.											
Delivery	Utilities	Electricity	Doubling small-scale electricity generation	National Grid	See Green Infrastructure section ?			All	N/A	N/A	?		CS1	
Delivery	Utilities	Electricity	33 Kv Cable to link Leicester Road (Grid) substation with Brent Cross Cricklewood Dev.	BXC Partners, National Grid	Developer Obligation [TBC]		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	?	?	Critical	CS1 & CS2	BXC Planning Application (ref.)
Delivery	Utilities	Electricity	New Grid Transformer Station and 33 Kv Switchgear at Leicester Primary Substation	BXC Partners, National Grid	Developer Obligation [TBC]		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	?	?	Critical	CS1 & CS2	BXC Planning Application (ref.)
Delivery	Utilities	Electricity	(30MVA) under approach span of MML Primary Substation	BXC Partners, National Grid	Developer Obligation [TBC]		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	?	?	Critical	CS1 & CS2	BXC Planning Application (ref.)
Delivery	Utilities	Electricity	(30MVA) on NE corner of site South of M1/A406	BXC Partners, National Grid	Developer Obligation [TBC]		Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	?	?	Critical	CS1 & CS2	BXC Planning Application (ref.)
Delivery	Utilities	Electricity	Substation Distribution Centre to increase capacity of wider area	Baratt's, National Grid	Developer Obligation			West	Hendon Estate	?	2016-2020	Necessary	CS1	West Hendon Estate Planning Application (ref. W13937/04)

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Delivery	Utilities	Electricity	Primary Service Mains Diversion	Baratt's, National Grid	Developer Obligation			West	West Hendon Estate	?	2016-2020	Necessary	CS1	West Hendon Estate Planning Application (ref. W/13937/04)
Delivery	Utilities	Electricity	Electricity Network Upgrades	Inglis Consortium, National Grid	Developer Obligation		Required in order to make the MHE Planning Application acceptable and deliverable	Southeast	AAP: Mill Hill East	Unknown	2011-2015	Critical	CS1	Requirement for upgrades detailed and costed in Mill Hill East Planning Application - Viability Appraisal
Delivery	Utilities	Gas	Relocation of Gas Governor to South of shopping centre	BXC Partners, National Grid	Developer Obligation	[TBC]	Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	?	?	Critical	CS1 & CS2	BXC Planning Application (ref.)
Delivery	Utilities	Fresh Water	New Reservoir near Abingdon to meet demand for London	Thames Water	Thames Water	(£7bn)		All	N/A	N/A	?		CS1	
Delivery	Utilities	Fresh Water	Desalination Plant at Becton to meet demand for London	Thames Water	Thames Water	(£1.4bn)		All	N/A	N/A	?		CS1	
Delivery	Utilities	Fresh Water	750m of 450mm diam truck main (near A41)	BXC Partners, Thames Water	Developer Obligation (Phase? - post PDP)	[TBC]	Required in order to make the BXC Planning Application acceptable and deliverable	West	Brent Cross Cricklewood	?	?	Critical	CS1	BXC Planning Application (ref.)
Delivery	Utilities	Fresh Water	Fresh Water Network Upgrades	Inglis consortium, Thames Water	Developer Obligation		Required in order to make the MHE Planning Application acceptable and deliverable	Southeast	N/A	N/A	2011-2015	Critical	CS1	Requirement for upgrades detailed and costed in Mill Hill East Planning Application - Viability Appraisal
Delivery	Utilities	Foul Water	Increased capacity at Mogden and Becton Treatment Works	Thames Water	Thames Water			All	N/A	N/A	?		CS1	
Delivery	Utilities	Foul Water	New Main Sewer Line	Thames Water	Thames Water	?		All	N/A	N/A	?		CS1	
Delivery	Utilities	Foul Water	Foul and Storm Water Network Upgrades	Inglis consortium, Thames Water	Developer Obligation		Required in order to make the MHE Planning Application acceptable and deliverable	Southeast	N/A	N/A	2011-2015	Critical	CS1	Requirement for upgrades detailed and costed in Mill Hill East Planning Application - Viability Appraisal
Delivery	Utilities	Telecomms	Installation of Superfast Broadband Network	BT & Virgin Media	Re-allocation of License Fee + higher user charges	?	Failure to be a primary area for the delivery of superfast broadband will affect Barnet's competitiveness for SMEs	Northeast	N/A	N/A	2011-2015		CS1	
Delivery	Utilities	Telecomms	Installation of Superfast Broadband Network	BT & Virgin Media	Re-allocation of License Fee + higher user charges	?	Failure to be a primary area for the delivery of superfast broadband will affect Barnet's competitiveness for SMEs	Southeast	N/A	N/A	2011-2015		CS1	
Delivery	Utilities	Telecomms	Installation of Superfast Broadband Network	BT & Virgin Media	Re-allocation of License Fee + higher user charges	?	Failure to be a primary area for the delivery of superfast broadband will affect Barnet's competitiveness for SMEs	West	N/A	N/A	2011-2015		CS1	
Delivery	Utilities	Telecomms	Telecoms Infrastructure Upgrades	Inglis consortium, BT	Developer Obligation	[Costs not public information]	Required in order to make the MHE Planning Application acceptable and deliverable	Southeast	N/A	N/A	2011-2015	Critical	CS1	Requirement for upgrades detailed and costed in Mill Hill East Planning Application - Viability Appraisal
Delivery	Utilities	Combined	Installation of new networks of utilities (telecoms, electricity, district heating...etc)	Cricklewood Regeneration Limited	Direct Provision: (developer obligation - BXC Phase 1)		Development is unacceptable without adequate servicing	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS1 & CS2	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Utilities	Combined	Installation of new networks of utilities (telecoms, electricity, district heating...etc)	Cricklewood Regeneration Limited	Direct Provision: (developer obligation - BXC Phase 2)		Development is unacceptable without adequate servicing	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS1 & CS2	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Utilities	Combined	Installation of new networks of utilities (telecoms, electricity, district heating...etc)	Cricklewood Regeneration Limited	Direct Provision: (developer obligation - BXC Phase 3)		Development is unacceptable without adequate servicing	West	Brent Cross Cricklewood	3	2016-2020	Critical	CS1 & CS2	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Utilities	Combined	Installation of new networks of utilities (telecoms, electricity, district heating...etc)	Cricklewood Regeneration Limited	Direct Provision: (developer obligation - BXC Phase 4)		Development is unacceptable without adequate servicing	West	Brent Cross Cricklewood	4	2021-2025	Critical	CS1 & CS2	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)

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Delivery	Utilities	Combined	Installation of new networks of utilities (telecoms, electricity, district heating...etc)	Cricklewood Regeneration Limited	Direct Provision: (developer obligation - BXC Phase 5)		Development is unacceptable without adequate servicing	West	Brent Cross Cricklewood	5	2021-2025	Critical	CS1 & CS2	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Utilities	Combined	Installation of new networks of utilities (telecoms, electricity, district heating...etc)	Cricklewood Regeneration Limited	Direct Provision: (developer obligation - BXC Phase 6)		Development is unacceptable without adequate servicing	West	Brent Cross Cricklewood	6	2021-2025	Critical	CS1 & CS2	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Utilities	Combined	Installation of new networks of utilities (telecoms, electricity, district heating...etc)	Cricklewood Regeneration Limited	Direct Provision: (developer obligation - BXC Phase 7)	TBC	Development is unacceptable without adequate servicing	West	Brent Cross Cricklewood	7	2021-2025	Critical	CS1 & CS2	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Utilities	Combined	National Code of Conduct for Street Works (reduction in peak loss of highways)			N/A		All			2011-2015	Necessary	CS1	http://www.oneroadnetwork.org/news/2010/lun/niug-launches-national-code-conduct-street-works-mayor-london/

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
	EDUCATION	EDUCATION	Forward Planning by the Council's Children's Service using GLA general population growth predictions is enabled a more detailed understanding of infrastructure demand and costs in the near future. In terms of planned growth, assessments related to key growth areas have been undertaken as required and built into the detailed delivery in terms of cost and site allocations. Mitigation measures for the cancellation of the BSF project are underway.											
Need	Education	Further / Higher	Improvements to Further and Higher Education Facilities will benefit both residents & businesses	LBB			Lack of support for the plans, development and projects means potential benefits to Barnet are not optimised	All	N/A	N/A	2011-2015	N/A	CS10	
Delivery	Education	Further / Higher	Barnet College - Wood Street Campus (Rebuild to provide equivalent teaching provision to much higher quality)	LSC, Barnet College	Completed	£50,000,000	Inability for Barnet College to move to a more sustainable and accessible location if it does not receive sufficient government funding by 2014. Contingency is to refurbish existing site & increase usage	Northeast	Town Centre High Barnet	N/A	2006-2010	Critical	CS10	Wood Street Planning Application (ref: N01076AT/07) and development website: http://www.barnet.ac.uk/external/redevelopment/index.htm
Delivery	Education	Further / Higher	Barnet College - Grahame Park Estate Campus (Rebuild on Colindale Hospital Site / refurbish existing site)	LSC, Barnet College	LSC Grant, Barnet College - Site Rationalisation Plan across Barnet	(Dependent on grant funding)	Inability for Middlesex University to modernise and reduce costs - leading to departmental reductions. Also reduced justification and funds for investment in Colindale.	West	AAP: Colindale	N/A	2011-2015	Necessary	CS10	Strategic Plan 2008/09-2010/11 http://www.barnet.ac.uk/miwcontent/0/imag/es/governance/Strat%20Plan%2008-11%20%28update%2009-12%29.pdf
Delivery	Education	Further / Higher	Middlesex University - Hendon Campus Plan - Phase 2-3 (Consolidation - closure of dispersed sites & development of excellent new facilities at the Hendon Campus)	DBIS, Middlesex University, LBB	Completed	£125,000,000	This stage of the programme is less certain and will depend on the business case for further consolidation and site rationalisation of these specific campuses	West	N/A	N/A	2006-2010	Critical	CS10	http://www.mdx.ac.uk/Assets/corp_plan_0914.pdf and http://www.mdx.ac.uk/aboutus/estate_strategic/campus/index.aspx
Delivery	Education	Further / Higher	Middlesex University - Phase 4-5 (Consolidation of Archway, Trent Park & Enfield Sites along with facilities expansion)	DBIS, Middlesex University, LBB	DBIS Grant, Middlesex University - Site Rationalisation Plan for N. London	[Unknown]		West	N/A	N/A	2011-2015	Necessary	CS10	Cabinet report: (?)
Delivery	Education	Secondary	Replacement Edgware School as 'London Academy' (no additional places incorporated)	Academy Trust, DCSF, LBB	Completed	[Unknown]		West	Stonegrove and Spur Road Estate	N/A	2006-2010	Critical	CS10	Cabinet Resources Committee Report - Dated:
Delivery	Education	Secondary	East Barnet Lower School (consolidate sites to release land, 50 additional places)	DCSF, LBB, Developer Contributions	Completed	£34,200,000	N/A	Northeast	N/A	N/A	2006-2010	Critical	CS10	East Barnet School Planning Application (ref: B/00746/08) Project costs detailed in CRC monitoring reports. Build costs listed in DPR 651 dated 26 September 2008
Delivery	Education	Secondary	East Barnet Upper School (rebuild as 'Jewish Community Secondary School' - total 1180 new places)	JCOSS Trust, DCSF, LBB	Completed	£48,000,000	N/A	Northeast	N/A	N/A	2006-2010	Critical	CS10	JCOSS Planning Application (ref:)
Delivery	Education	Secondary	Replacement Christchurch School as 'Wren Academy' (900 additional places)	Academy Trust, DCSF, LBB	Completed	£23,000,000	N/A	Southeast	N/A	N/A	2006-2010	Critical	CS10	Various Cabinet Reports in 2004-2006, detail came from conversation with Alice Bolton (Mar 2010)
Need	Education	Secondary	No additional secondary places are identified as required, due to capacity already delivered.	LBB			That the current use of spare places leads to Senior Management not seeing the longer term investment need.	All	N/A	N/A	2011-2015	N/A	CS10	Information from Children's Service Staff (Mar 2010)
Need	Education	Secondary	Additional places from the 2006-2010 period used to address growth.	LBB			Low risk that GLA figures have substantially underestimated £0 need.	All	N/A	N/A	2011-2015	N/A	CS10	Information from Children's Service Staff (Mar 2010)

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Need	Education	Secondary	Additional Secondary School Places will be needed if lack of spaces (1050x 11-16 places & 350x 17-18 places)	N/A	N/A	N/A	Demand for Primary Places in 2011-2015 translates into secondary need, but spare capacity fully used up	All	N/A	N/A	2016-2020	Critical	CS10	Information from Children's Service Staff (Aug 2010)
Delivery	Education	Secondary	OPTION A (2016-2020): Potentially a new Secondary School (1200 additional places)	DfE, LBB	DfE, LBB	£30,000,000	Insufficient spare secondary level places to accommodate Mill Hill East development, will need to be delivered through 6 school expansions (including Cophall and Christchurch)	All	N/A	N/A	2016-2020	Critical	CS10	Information from Children's Service Staff (Aug 2010)
Delivery	Education	Secondary	OPTION B (2016-2020): 1 FE expansion of Christ College Boys School (200 additional places)	DfE, LBB	DfE, LBB	[Included in costs for new secondary school above]	Insufficient spare secondary level places to accommodate Mill Hill East development, unless new secondary school delivered in Barnet	Southeast	AAP: Mill Hill East	N/A	2016-2020	Critical	CS10	Paragraph 5.6.2 of Mill Hill East Area Action Plan Part 2 - Policies and Proposals http://www.barnet.gov.uk/mill-hill-aap-jan-2009-policies-pt1.pdf
Delivery	Education	Secondary	OPTION B (2016-2020): 1FE expansion of Cophall Girls School (200 additional places)	DfE, LBB	DfE, LBB	[Included in costs for new secondary school above]	Insufficient spare secondary level places to accommodate Mill Hill East development, unless new secondary school delivered in Barnet	Southeast	AAP: Mill Hill East	N/A	2016-2020	Critical	CS10	Paragraph 5.6.2 of Mill Hill East Area Action Plan Part 2 - Policies and Proposals http://www.barnet.gov.uk/mill-hill-aap-jan-2009-policies-pt1.pdf
Delivery	Education	Secondary	OPTION B (2016-2020): 4FE expansions to Secondary Schools (800 additional places)	DfE, LBB	DfE, LBB	[Included in costs for new secondary school above]	Insufficient spare secondary level places to accommodate demand for secondary places, unless new secondary school delivered in Barnet	Southeast	N/A	N/A	2016-2020	Critical	CS10	Information from Children's Service Staff (Aug 2010)
Need	Education	Secondary	Further capacity may be required due to growth, but amount unknown	N/A	N/A	N/A	Projections indicate likelihood of increased need, risk is that figures underestimate situation if not regularly reappraised.	West	N/A	N/A	2021-2025	Necessary	CS10	Information from Children's Service Staff (Aug 2010)
Delivery	Education	Secondary	Replacement Whitefield School (expanded by 200 places)	Brent Cross Partnership, LBB	Direct Provision (Developer obligation - BXC Phase 2)	N/A	Brent Cross Development is entirely unacceptable without it, but its construction does not affect other growth.	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Education	Secondary	Further Secondary School may be required (1180 places) - to be confirmed	DfE, LBB	DfE, LBB	[Unknown]	If projections are not suitably checked regularly, then risk of not ensuring land is available for necessary new provision	West	N/A	N/A	2021-2025	Preferred	CS10	Information from Children's Service Staff (Aug 2010)
Delivery	Education	Primary	Replacement Akiva School (expanded by 210 places, 1FE)	DCSF, LBB	Completed	TBC	N/A	Southeast	N/A	N/A	2006-2010	Critical	CS10	Cabinet Resources Committee Report - Dated:
Delivery	Education	Primary	1/2 FE expansion of St Catherine's RC School (105 additional places)	DCSF, LBB	Completed	£1,750,000	N/A	Northeast	N/A	N/A	2006-2010	Critical	CS10	Cabinet Resources Committee Report - Dated:
Delivery	Education	Primary	Replacement Parkfield School (expanded by 105 places 1/2FE)	DCSF, LBB	Completed	£9,100,000	N/A	West	N/A	N/A	2006-2010	Critical	CS10	Cabinet Resources Committee Report - Dated:
Delivery	Education	Primary	Replacement Colindale School (expanded by 210 places 1FE)	DCSF, LBB	Completed	£12,800,000	N/A	West	AAP: Colindale	N/A	2006-2010	Critical	CS10	Cabinet Report - Dated: 8th June 2009
Need	Education	Primary	Identified natural and planned growth requires X additional places.	N/A	N/A	N/A	Insufficient primary places = failure to meet legal obligations	West	N/A	N/A	2011-2015	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Delivery	Education	Primary	37 additional temporary 'classes' in existing schools as 1FE each (1110 additional places)	DCSF, LBB	Planning Contributions, LBB and DCSF Grant	£8,000,000	Insufficient primary places = failure to meet legal obligations (Brent Cross Development (Phase X) unacceptable without it, but does not affect other developments)	All	N/A	N/A	2011-2015	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Delivery	Education	Primary	Replacement Clarendon School (expanded by 210 places)	LBB, Police, Development Partners	Direct Provision (Developer obligation - BXC Phase 1)	N/A		West	Brent Cross Cricklewood	1	2011-2015	Critical	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Education	Primary	Akiva School (expanded by 210 places)	DCSF, LBB	Planning Contributions, LBB and DIES Grant	£3,000,000	Insufficient primary school places in 2010-11 if not provided	Southeast	N/A	N/A	2011-2015	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Delivery	Education	Primary	New School built at Mill Hill East (increase of 420 places)	Inglis Consortium DCSF, LBB	Direct Provision (developer obligation - Mill Hill East AAP)	£10,000,000	Mill Hill East Development (phase X) unacceptable without it, but does not affect other developments	Southeast	AAP: Mill Hill East		2016-2020	Critical	CS10	Mill Hill East Area Action Plan http://www.barnet.gov.uk/mill-hill-east-aap-adopted-jan-2009
Delivery	Education	Primary	Orion School expanded into former 'Blessed Dominic' School (expanded by 210 places)	LSC, Barnet College, LBB, Developer Partners	Planning Contributions (developer obligation - Colindale AAP)	[Included under Blessed Dominic School replacement]	Insufficient primary school places in Colindale area if not provided and particularly if the Barnet College site does not deliver a new primary facility	West	AAP: Colindale		2011-2015	Critical	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Education	Primary	Blessed Dominic' School expanded into former Barnet College Grahame Park (expanded by 210 places)	LSC, Barnet College, LBB, Developer Partners	Planning Contributions (developer obligation - Colindale AAP)	£13,000,000	There is a high risk that Barnet College will not move and release this site. This will be addressed through use of the Mill Hill Sports Club site.	West	AAP: Colindale		2011-2015	Critical	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Education	Primary	1 FE expansion to Broadfields school (210 places)	DIE, LBB	LBB borrowing and DIE Grant	£3,000,000	Insufficient primary places = failure to meet legal obligations	All	N/A	N/A	2011-2015	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Delivery	Education	Primary	1 FE expansion to Jewish provision (210 places)	DIE, LBB, Governors	LBB and DIE Grant, Governors Contribution	£5,000,000	Insufficient primary places = failure to meet legal obligations	All	N/A	N/A	2011-2015	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Delivery	Education	Primary	1 FE expansion to school in East Barnet Area (210 places)	DCSF, LBB	LBB and DIE Grant	£5,000,000	Insufficient primary places = failure to meet legal obligations	All	N/A	N/A	2011-2015	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Delivery	Education	Primary	1 FE expansion to school in Finchley Area (210 places)	DCSF, LBB	LBB and DIE Grant	£5,000,000	Insufficient primary places = failure to meet legal obligations	All	N/A	N/A	2011-2015	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Need	Education	Primary	Identified natural and planned growth requires X additional places.	N/A	N/A	N/A	Insufficient primary places = failure to meet legal obligations	All	N/A	N/A	2016-2020	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Delivery	Education	Primary	3FE expansions to Primary Schools (locations to identified)	DCSF, LBB	LBB and DIE Grant	£15,000,000	Insufficient primary places = failure to meet legal obligations	All	N/A	N/A	2016-2020	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Need	Education	Primary	Additional places / sites delivered as identified.	N/A	N/A	N/A	West of the borough is the area of particular risk	All	N/A	N/A	2021-2025	Critical	CS10	Cabinet Briefing Paper "Primary School Places" - 6 September 2010
Delivery	Education	Primary	New School built on Peel Centre East Land (increase of 420 places)	LBB, Police, Development Partners	Direct Provision (developer obligation - Colindale AAP)	£10,000,000	Insufficient primary places in Colindale if the Peel Centre and other later sites are developed and this is not provided	West	AAP: Colindale		2021-2025	Critical	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Education	Special	Jewish Community 'Secondary School' - Autism Resource Centre (total 50 new places)	JCOSS Trust, DCSF, LBB, Norwood	Completed	[Costed under secondary school]	N/A	Northeast	N/A	N/A	2006-2010	?	CS10	
Need	Education	Special	Identified need for additional special school places - but no delivery programme in place.	N/A	N/A	N/A	Oak Lodge previously identified for expansion, risk of not identifying funding and project to deliver the required places.	All	N/A	N/A	2011-2015	Necessary	CS10	Information from Children's Service Staff (Aug 2010)
Delivery	Education	Special	Mapledown School (expansion planned)	Brent Cross Partnership	Direct Provision (developer obligation - BXC Phase 2)		Brent Cross Development (phase 2) unacceptable without it, but does not affect other developments	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)

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Need	Education	Special	Oak Lodge (potential for expanded intake. Early discussions had about becoming special unit in mainstream school, no clear plans in place yet)	N/A	N/A	N/A	Oak Lodge was identified for expansion under Building Schools for the Future, now cancelled there is a risk of not identifying funding and project to deliver any required places.	All	N/A	N/A	2011-2015	Preferred	CS10	Information from Children's Service Staff (Aug 2010)
Delivery	Education	Early Years	Children's Centres (Phase 3) - Sweets Way (Army Centre)	DCSF, LBB	Completed	£50,000	N/A	Northeast	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 3) - Church Passage, High Barnet	DCSF, LBB	Completed	£50,000	N/A	Northeast	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 3) - Canada Villa	DCSF, LBB	Completed	£120,000	N/A	Southeast	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 3) - North Finchley Library	DCSF, LBB	Completed	£200,000	N/A	Southeast	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 3) - Moss Hall Nursery	DCSF, LBB	Completed	£200,000	N/A	Southeast	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 3) - Garden Suburb, Site TBC	DCSF, LBB	Completed	£200,000	N/A	Southeast	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 2) - Coppetts Wood Extension	DCSF, LBB	Completed	£60,000	N/A	Southeast	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 2) - Childs Hill	DCSF, LBB	Completed	£900,000	N/A	Southeast	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 3) - Edgware Library	DCSF, LBB	Completed	£400,000	N/A	West	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 3) - West Hendon / Golders Green	DCSF, LBB	Completed	£0	N/A	West	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 3) - Mill Hill Library	DCSF, LBB	Completed	£200,000	N/A	West	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 2) - Bell Lane Extension	DCSF, LBB	Completed	£150,000	N/A	West	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
Delivery	Education	Early Years	Children's Centres (Phase 2) - Fairway / Northway redev.	DCSF, LBB	Completed	£300,000	N/A	West	N/A	N/A	2006-2010	Necessary	CS10	Cabinet Resources Committee Report - Dated: 19th Jan 2010
HEALTH	HEALTH	HEALTH	Completion of the Primary Care Strategy in March 2010 has enabled inclusion of measures being taken to address infrastructure capacity in line with population growth. Need and detailed understanding of capacity at the secondary care level is now being undertaken to ensure plans for growth align with plans for acute, unscheduled and other specialist care pathways. Currently this has only taken place from the perspective of individual growth areas, and therefore a holistic analysis accounting for boroughwide and sub-regional changes is now required.											
Need	Health	Primary Care Network	Creation of the Vale Drive HUB and improvement to the network of 3 spokes	NHS Barnet	ELEVATE Partnership	N/A	To deliver annual budgets local practices will need to collocate in the hub or form spokes based on criteria set out in the Jan 2010 Primary & Community Services Strategy.	Northeast	N/A	N/A	2011-2015		CS11	NHS Barnet - Polysystem Asset Utilisation Plan - March 2010 (Version 2)
Delivery	Health	Primary Care Network	Vale Drive Primary Care Centre (HUB)	DH, NHS Barnet	Completed	5,000,000	N/A	Northeast	N/A	N/A	2006-2010	Critical	CS11	NHS Barnet - Polysystem Asset Utilisation Plan - March 2010 (Version 2)

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Need	Health	Primary Care Network	Creation of the Finchley Memorial Hospital HUB and improvement to the network of 5 spokes	NHS Barnet	ELEVATE Partnership	N/A	To deliver annual budgets local practices will need to collocate in the hub or form spokes based on criteria set out in the Jan 2010 Primary & Community Services Strategy.	Southeast	N/A		2011-2015		CS11	NHS Barnet - Polysystem Asset Utilisation Plan - March 2010 (Version 2)
Delivery	Health	Primary Care Network	Finchley Memorial Hospital Primary Care Centre (HUB expansion and redevelopment)	DH, NHS Barnet	ELEVATE Partnership	£45,000,000	Inadequate capacity for increased primary level care and inability to operate and deliver the polyclinic system	Southeast	N/A		2011-2015	Critical	CS11	NHS Barnet - Polysystem Asset Utilisation Plan - March 2010 (Version 2)
Delivery	Health	Primary Care Health Centre	OPTION A (2011-2015): Brunswick Park Primary Care Health Centre (replacement delivered in Brunswick Park shared centre)	DH, NHS Barnet	ELEVATE Partnership	[Costed under libraries] (£500,000-£2,500,000 dependent on preference of emerging options)	Long term housing of the Health Centre in temporary accommodation due to fire. Meaning use of substandard facilities and increased revenue cost implications.	Northeast	N/A		2011-2015	Critical	CS11	Brunswick Park HUB Planning Application (ref. B/01960/10) but withdrawn as funding source removed. Various alternatives currently under consideration.
Delivery	Health	Primary Care Health Centre	OPTION B (2011-2015): Brunswick Park Primary Care Health Centre (replacement)	DH, NHS Barnet	ELEVATE Partnership		Long term housing of the Health Centre in temporary accommodation due to fire. Meaning use of substandard facilities and increased revenue cost implications.	Northeast	N/A		2011-2015	Critical	CS11	Brunswick Park HUB Planning Application (ref. B/01960/10) but withdrawn as funding source removed. Various alternatives currently under consideration.
Delivery	Health	Primary Care Health Centre	Option for GP Surgery in former Officer's Mess	DH, NHS Barnet, Developer Partners	Direct Provision (developer obligation - Mill Hill East AAP)	£900,000	Lack of local sense of GP access if solely reliant on the available capacity at Mill Hill Gas Works Site Health Centre	Southeast	AAP: Mill Hill East		2011-2015	Preferred	CS11	Delivery of a D1 facility listed as the change of use - http://www.millhill-east.co.uk/documents/planning%20application/MHEOPA2%20Planning%20Application%20Specification.pdf
Need	Health	Primary Care Network	Creation of a BXC HUB and improvement to the network of 4 spokes	NHS Barnet	ELEVATE Partnership	N/A	To deliver annual budgets local practices will need to collocate in the hub or form spokes based on criteria set out in the Jan 2010 Primary & Community Services Strategy.	West	N/A		2011-2015		CS11	NHS Barnet - Polysystem Asset Utilisation Plan - March 2010 (Version 2)
Delivery	Health	Primary Care Network	BXC Primary Care Centre (creation of new HUB in metropolitan town centre scheme)	DH, NHS Barnet, Developer Partners	Direct Provision (developer obligation - BXC Phase X)	TBC - speak to dev. partners	Inadequate primary care capacity in the BXC area less accessible polyclinic system if interim option is retained.	West	Brent Cross Cricklewood	?	2016-2020	Critical	CS2 & CS11	Brent Cross Cricklewood Planning Application: www.brentcrosscricklewood.com
Delivery	Health	Primary Care Network	OPTION A (2011-2015): BXC Primary Care Centre Interim HUB & Urgent Care provision	NHS Barnet	ELEVATE Partnership	[Unknown]	This option is required due to the timeframe delay to the delivery of BXC due to the recession and needing to get the project approved.	West	N/A		2011-2015	Critical	CS2 & CS11	NHS Barnet - Polysystem Asset Utilisation Plan - March 2010 (Version 2)
Delivery	Health	Primary Care Health Centre	OPTION A (2011-2015): Temporary Brent Cross Cricklewood Primary Care Health Centre	DH, NHS Barnet, Developer Partners	Direct Provision (developer obligation - BXC Phase 1)		This option is required due to the number of and timing of phases before delivery of BXC Primary Care Centre.	West	Brent Cross Cricklewood	1	2011-2015	Critical	CS2 & CS11	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Health	Primary Care Network	OPTION B (2011-2015): Alternative Interim HUB & Urgent Care provision (market-based contract)	NHS Barnet	ELEVATE Partnership	[Unknown]	This option is required due to the timeframe delay to the delivery of BXC due to the recession and needing to get the project approved.	West	N/A		2011-2015	Critical	CS11	NHS Barnet - Polysystem Asset Utilisation Plan - March 2010 (Version 2)
Delivery	Health	Primary Care Health Centre	West Hendon Primary Care Health Centre	DH, NHS Barnet, Developer Partners	Direct Provision (developer obligation - West Hendon Estate Phase X)	TBC - speak to dev. partners	Viability concerns as part of the development lead to delays in provision of this facility.	West	West Hendon Estate	?	2016-2020	Necessary	CS11	Information from NHS Barnet (4 Aug 2010)

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Delivery	Health	Primary Care Health Centre	Delivery of specialist paediatric health provision as part of Oak Lane Children's Centre	NHS Barnet	ELEVATE Partnership	[Costed under children's centres]	Poor quality existing local GP facilities, therefore new premises for 4 GPs to co-locate is required	Southeast	N/A	N/A	2011-2015	Necessary	CS11	Information from NHS Barnet (4 Aug 2010)
Delivery	Health	Primary Care Health Centre	Golders Green Primary Care Health Centre (1000m2)	DH, NHS Barnet, Developer Partners	ELEVATE Partnership and developer contributions	£2,500,000	To deliver annual budgets local practices will need to collocate in the hub or form spokes based on criteria set out in the Jan 2010 Primary & Community Services Strategy.	West	N/A	N/A	2011-2015	Necessary	CS11	Detailed in NHS Barnet Estate Strategy and referred to by Neil McElduff in conversation on 4 Aug 2010
Need	Health	Primary Care Network	Creation of the Edgware Community Hospital HUB and improvement to the network of 7 spokes	NHS Barnet	ELEVATE Partnership	N/A		West	N/A	N/A	2011-2015	Preferred	CS11	NHS Barnet - Polysystem Asset Utilisation Plan - March 2010 (Version 2)
Delivery	Health	Primary Care Network	Edgware Community Hospital (remodelled)	DH, NHS Barnet	Completed	40,000,000	N/A	West	N/A	N/A	2006-2010	Critical	CS11	NHS Barnet - Polysystem Asset Utilisation Plan - March 2010 (Version 2)
Delivery	Health	Primary Care Health Centre	South of the borough GP-led Health Centre (converted offices utilised in Cricklewood)	NHS Barnet, investment company	Completed	TBC	N/A	West	N/A	N/A	2011-2015	Preferred	CS11	Information from NHS Barnet (4 Aug 2010)
Delivery	Health	Primary Care Health Centre	Colindale (Grahame Park) GP-led Health Centre - (1000-2000m ²)	DH, NHS Barnet, Developer Partners	Direct Provision (developer obligation - Colindale AAP)	TBC - speak to dev. partners	Inability to cater for healthcare need related to redevelopment of Grahame Park Estate and the Colindale area as a whole	West	AAP: Colindale		2011-2015	Critical	CS11	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Health	Primary Care Health Centre	OPTION A (2011-2015): Colindale (Colindale Hospital) GP-led Health Centre (1000m ²)	DH, NHS Barnet, Developer Partners	Direct Provision (developer obligation - Colindale AAP)	£2,500,000	Risks insufficient funding to support delivery of the centre may require provision of an alternative on a different site (Newspaper Library Site)	West	AAP: Colindale		2011-2015	Critical	CS11	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Health	Primary Care Health Centre	OPTION B (2011-2015): Colindale (Newspaper Library Site) GP-led Health Centre (1000m ²)	DH, NHS Barnet, Developer Partners	Direct Provision (developer obligation - British Library Site)	[Costed under option A]	Provision of this alternative site may come at a cost to the council on other benefits, as it's not option identified within the Colindale Area Action Plan	West	AAP: Colindale		2011-2015	Critical	CS11	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Need	Health	Specialist Care Pathways	Specialist Care Pathways and other acute conditions many require additional special provision of facilities	NHS Barnet	ELEVATE Partnership	N/A	To deliver annual budgets local practices will need to collocate in the hub or form spokes based on criteria set out in the Jan 2010 Primary & Community Services Strategy.	West	N/A	N/A	2011-2015		CS11	
Delivery	Health	Specialist Care Pathways	300 local community based organisations in Barnet are working specifically with health, mental health, disabilities and carers.				Unacceptable loss of existing Flightways Welfare Centre related to redevelopment of Grahame Park Estate if not reprovided.	All					CS11	
Delivery	Health	Specialist Care Pathways	Centre for Independent Living - providing services to disabled		Direct Provision - (Developer Obligation Grahame Park) DH (PFI), NHS Barnet			All	AAP: Colindale		2016-2020	Critical	CS11	Graham Park Planning Application (ref. W01731/US/04)
Need	Health	Specialist Care Pathways	Maternity Care - to be completed	DH, NHS Barnet		£2,145,970		All				?	CS11	

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Need	Health	Specialist Care Pathways	'Maternity Care' - Children's Centre's (see education) to support anti-natal and post-natal Clinical Care Delivery - to be completed			N/A					?	?	CS11	
Need	Health	Specialist Care Pathways	'Mental Health' - part of care strategy for 'long-term' conditions. Ongoing aim to deliver community rather than bed-based forms of care			N/A					?	?	CS11	
Need	Health	Specialist Care Pathways	'End of Life Care' - to be completed			N/A					?	?	CS11	
Need	Health	Unscheduled Care	Unscheduled Care many require additional special provision or facilities	NHS Barnet	ELEVATE Partnership	N/A	To deliver annual budgets local practices will need to collocate in the hub or form spokes based on criteria set out in the Jan 2010 Primary & Community Services Strategy.	West	N/A		2011-2015		CS11	
Delivery	Health	Unscheduled Care	Commissioning changes to reduce duplication between walk-in and GP Out Of Hours services	NHS Barnet	Commissioning delivered as required	TBC		All	N/A		2011-2015	?	CS11	
Delivery	Health	Unscheduled Care	Barnet Hospital Urgent Centre to reduce Acute Admissions	DH, NHS Barnet	Planning Contributions, DH, NHS Barnet	TBC		All	N/A		2011-2015	?	CS11	
Delivery	Health	Ambulance Service	Clinical Telephone Advice Service + refusal to send vehicles to Category C calls.	London Ambulance Trust	Completed	N/A		All	N/A		2006-2010	N/A	CS11	
Need	Health	Ambulance Service	Ambulance Service many require additional provision or facilities	NHS Barnet	ELEVATE Partnership	N/A	To deliver annual budgets local practices will need to collocate in the hub or form spokes based on criteria set out in the Jan 2010 Primary & Community Services Strategy.	West	N/A		2011-2015		CS11	
Need	Health	Ambulance Service	Ambulance Stations - to be completed			N/A					?	?	CS11	
Need	Health	Ambulance Service	Ambulance Response Bases - to be completed			N/A					?	?	CS11	
Need	Health	Acute Care	Acute conditions many require additional special provision or facilities	NHS Barnet	ELEVATE Partnership	N/A	To deliver annual budgets local practices will need to collocate in the hub or form spokes based on criteria set out in the Jan 2010 Primary & Community Services Strategy.	West	N/A		2011-2015		CS11	
Delivery	Health	Acute Care	Changes to various Care Pathways introducing 'Home Management Service' & 'Exacerbation Management Service' = 50% total reduction in acute referrals.	NHS Barnet	Commissioning delivered as required	TBC		All	N/A		2011-2015	?	CS11	
Need	Health	Acute Care	'Major Trauma' specialist centre to be developed at			N/A					?	?	CS11	

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Need	Health	Acute Care	'Stroke Care' - specialist centre to be developed at Royal Free Hospital			N/A					?	?	CS11	
	POLICING & JUSTICE	POLICING & JUSTICE	The Metropolitan Police Strategy is still being developed by the MPS consultants, and therefore an understanding of how the central strategic facilities plans translate to the local level is still not fully realised. The effects of key growth areas have been managed by the plans for those areas, and therefore the considerations for infrastructure changes are largely about improving the quality, responsiveness and accessibility of the police services at reduced cost.											
Need	Policing & Justice	Front Counters	What is the need in each 5-year period in terms of customer facing policing?	Met Police	Met Police	N/A		Unknown	N/A		2011-2015	?	CS12	
Delivery	Policing & Justice	Front Counters	Separation of enforcement and community functions = requirement for new customer access points.	Met Police	Met Police	TBC		All	N/A		2011-2015	?	CS12	Where can this information be found?
Delivery	Policing & Justice	Front Counters	New Safer Neighbourhood Bases (How many? where? when? cost?)	Met Police	Met Police	TBC		All	N/A		2011-2015	?	CS12	Where can this information be found?
Need	Policing & Justice	Front Counters	What is the need in each 5-year period in terms of customer facing policing?	Met Police	Met Police	N/A		Unknown	N/A		2016-2020	?	CS12	
Delivery	Policing & Justice	Front Counters	Team Base (30m ²) at Mill Hill East Development	Met Police, Developer Partners	Direct Provision (developer obligation - MHE Phase X)	TBC	The Mill Hill East development is unacceptable with these facilities being provided.	Southeast	AAP: Mill Hill East	2	2016-2020	Necessary	CS2 & CS12	Mill Hill East Area Action Plan http://www.barnet.gov.uk/mill-hill-aap-jan-2009-policies-p12.pdf
Delivery	Policing & Justice	Front Counters	2x Police Kiosks (75m ²) for Brent Cross Cricklewood	Met Police, Developer Partners	Direct Provision (developer obligation - BXC Phase X)		The Brent Cross development is unacceptable with these facilities being provided.	West	Brent Cross Cricklewood	2	2016-2020	?	CS2 & CS12	Brent Cross Cricklewood Planning Application: www.brentcrosscricklewood.com
Delivery	Policing & Justice	Front Counters	Community Safety Office (27m ²) at Colindale Hospital Development	Met Police, Developer Partners	Direct Provision (developer obligation - Colindale Hospital)	£155,000	Without this facility the safer Neighbourhoods Team would need to operate out of the custody centre instead of close to the Tube Station	West	AAP: Colindale	N/A	2016-2020	Preferred	CS2 & CS12	Colindale Hospital Planning Application (ref. H/00342/09)
Delivery	Policing & Justice	Front Counters	Any further customer facing changes required?	Met Police, Developer Partners	Met Police	TBC	What is the risk?	?	?		2016-2020	?	CS2 & CS12	Brent Cross Cricklewood Planning Application: www.brentcrosscricklewood.com
Delivery	Policing & Justice	Back Office / Policing	Borough Custody Centre (Colindale Police Station)	Met Police	Completed	TBC	N/A	West	AAP: Colindale		2006-2010	Critical	CS12	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Need	Policing & Justice	Back Office / Policing	Any other back office facilities required?	Met Police	Met Police	N/A		Unknown	N/A		2011-2015	?	CS12	
Delivery	Policing & Justice	Back Office / Policing	New Patrol Base located at strategic location with 24/7 transport access + large parking capacity. (Is this definitely a requirement in Barnet?)	Met Police	Met Police	TBC		Unknown	N/A		?	?	CS12	

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Delivery	Policing & Justice	Back Office / Policing	Any other back office facilities required? Awaiting completion of HMCS review of London facilities and processes, which might identify reconfiguration or new courthouses	Met Police	Met Police	TBC	There is a risk that the Justice side of policing is not properly resourced to manage with increased demands or pressures.	Unknown	N/A		?	?	CS12	
Need	Policing & Justice	Court Facilities		MoJ	MoJ	N/A		All	N/A		2006-2010	Necessary	CS12	Email dated 27 April 2010 from DPP LLP who are acting as the representative of HMCS on the Barnet Core Strategy.
	FIRE & RESCUE	FIRE & RESCUE	The London Fire and Emergency Planning Authority produces three year safety strategies. The 2010-2013 plan does not appear to identify growth as specifically increasing the risk profile of Barnet and therefore the need for additional infrastructure. However officers are now working in detail with the localised expectations of growth, which are being analysed further to ensure there is no combined impact on stations such as Mill Hill and Hendon.											
Need	Fire & Rescue	Emergency Planning	Consolidation of emergency response facilities to provide specialist bases to enable full cover at reduced revenue costs	LFB		N/A	If regional and specialist consultation of resources does not take place then the cost for delivering them and introducing any new skills and equipment will be prohibitive	All	N/A		2011-2015	Necessary	CS1	Information from the London Fire Brigade (27 July 2010)
Delivery	Fire & Rescue	Emergency Planning	London Regional Control Centre (Merton Industrial Park - subject to review)	LFB, Airwave, CLG, EADS	PFI (?)	N/A	Inability to deliver sufficient major incident capacity for coordination of services, with reduced levels of funding.	All	N/A	N/A	2011-2015	Necessary	CS1	http://www.communities.gov.uk/fire/resilience/response/firecontrol/regions/london/
Delivery	Fire & Rescue	Emergency Planning	Harrow Incident Support Centre (consolidation of specialist support equip into 4 London locations)	LFB	Revenue Funding	N/A	Different crews trained to use different specialist equipment and therefore extra staffing costs of service patterns	All	N/A	N/A	2011-2015	Preferred	CS1	London Safety Plan 2010-2013 (page 25) http://www.london-fire.gov.uk/Documents/LSP4.pdf
Delivery	Fire & Rescue	Emergency Planning	Edmonton Rescue Centre (consolidation of specialist rescue equip into 5 London locations)	LFB	Revenue Funding	N/A	Different crews trained to use different specialist equipment and therefore extra staffing costs of service patterns	All	N/A	N/A	2011-2015	Preferred	CS1	London Safety Plan 2010-2013 (page 25) http://www.london-fire.gov.uk/Documents/LSP4.pdf
Need	Fire & Rescue	Fire Stations	Currently 4 fire stations within Barnet and 4 neighbouring Barnet. No additional sites required, but equipment may need to change if risk profiles change in relation to new dev.	LFB		N/A	Currently provision across the fire stations is sufficient. With most fire stations having capacity for at least 2 engines but only 1 located on site, so there is existing space should the risk profiles increase in any particular area.	All	N/A		2016-2020	Preferred	CS1	Information from the London Fire Brigade (27 July 2010)
Delivery	Fire & Rescue	Fire Stations	Replacement of Finchley Fire Station in a more suitable location on strategic road network if site becomes available	LFB	LFB capital funding and sale of current site?	N/A	Slower response times to certain Southern and South Eastern parts of the borough if not provided direct access to the North Circular Road.	South East	N/A	N/A	2016-2020	Necessary	CS1	LFB Asset Management Plan 2009 - Confirmed as still valid in email from Paul Davis dated 27 July 2010.
Delivery	Fire & Rescue	Fire Stations	Hendon Fire Station adequate capacity / planned changes? - to be confirmed	LFB	LFB capital funding	£5,000,000	If the risk of fire increases then inadequate equipment or capacity with increase overall risk of harm	West	N/A	N/A	2016-2020	Necessary	CS1	Information from the London Fire Brigade (27 July 2010)
Delivery	Fire & Rescue	Fire Stations	Mill Hill Fire Station adequate capacity / planned changes? - to be confirmed?	LFB	LFB capital funding		If the risk of fire increases then inadequate equipment or capacity with increase overall risk of harm	West	N/A	N/A	2016-2020	Necessary	CS1	Information from the London Fire Brigade (27 July 2010)

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
	COMMUNITY FACILITIES	COMMUNITY FACILITIES	An assessment of Community Facilities was undertaken in Autumn 2009, this has not produced sufficient information to enable detailed infrastructure planning. Further work is currently being undertaken to improve the depth and quality of information; the challenge is that it is difficult to measure supply and demand and therefore additional capacity requirements. However increasing use of and access to the schools estate will play a large role in addressing growth and existing demand pressures, and to date has delivered full out of hours Youth Provision across the borough. Sufficient provision has been identified in key growth areas through AAPs & Planning Applications, but a holistic plans for delivery of community facilities and under a wider definition is still needed.											
Delivery	Community Facilities	Libraries	Replacement Library South Friern	LBB	Completed	£400,000 N/A	N/A	Southeast	N/A	N/A	2006-2010	Necessary	CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Mill Hill Library & Children's Centre	LBB	Completed	[Costed under children's centres]	N/A	Southeast	N/A	N/A	2006-2010	Critical	CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Edgware Library & Children's Centre	LBB	Completed	[Costed under children's centres]	N/A	West	Town Centre Edgware	N/A	2006-2010	Critical	CS6 & CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Replacement Library & Customer Access Centre - Burnt Oak	LBB	Completed	£1,200,000 N/A	N/A	West	N/A	N/A	2006-2010	Delivered	CS10	Information from Corporate Services Staff (21 June 2010)
Delivery	Community Facilities	Libraries	Local Studies Centre from Daws Lane to Hendon Library	LBB	Completed	£20,000	Inaccessible costly and irrelevant service	West	N/A	N/A	2006-2010	Critical	CS10	Information from Libraries Service (April 2010)
Need	Community Facilities	Libraries	A libraries strategy is currently being developed, the following items are therefore subject to change.	LBB		N/A	If a strategy is not delivered by the end of 2010 then there is a risk that libraries in Barnet become less relevant and accessible to the public	All	N/A	N/A	2011-2015	Preferred	CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Improved online customer content & provision of services	LBB	Developer Contributions	Mostly Revenue £15-30k per annum	Paper books increasingly less popular choice, without increased 'e-book' service, at risk of becoming irrelevant	All	N/A	N/A	2011-2015	Necessary	CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Consideration of alternative local book-lending service points	LBB	TBC	[Unquantifiable at Present]	Less new & alternative mechanisms for accessing books. Costs range from £10,000-£500,000k depending on specific site and objectives	All	N/A	N/A	2011-2015	Preferred	CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Increasing Customer Services Provision - Chipping Barnet	LBB	Developer Contributions, LBB	Less than £500,000	Reduced public accessibility to key council services.	Northeast	Town Centre High Barnet	N/A	2011-2015	Preferred	CS6 & CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Improvements to Osidge Library - (TBC)	LBB	LBB Revenue Funding	[Unquantifiable at Present]	Poor and irrelevant libraries provision in Brunswick Park	Northeast	N/A	N/A	2011-2015	Preferred	CS10	Collapse of Brunswick Park Community Hub plan has left no strategy for delivering improved facilities in this part of the borough, but improvements are required.
Delivery	Community Facilities	Libraries	North Finchley Library & Children's Centre	LBB	See Children's Centres Programme & possible Developer Obligation (Furnitureland Site)	[Unquantifiable at Present]	Inadequate library provision in Finchley Area	Southeast	Town Centre North Finchley	N/A	2011-2015	Critical	CS6 & CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Replacement Library & Customer Centre - Finchley Church End	LBB	Sale of current Church End Library Site, Children's Centre Grant & Developer Contributions from (Mill Hill East AAP)	£3,000,000	Grant must be committed by March 2011. If not delivered then inadequate customer access + poor library facilities	Southeast	Town Centre Finchley Church End	N/A	2011-2015	Necessary	CS6 & CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Replacement Colindale Library (650m2)	Choices for Graham Park, LBB	Direct Provision (Developer Obligation (Grahame Park Estate)	£1,105,000	Inadequate library provision in Colindale Area	West	AAP: Colindale	2	2011-2015	Critical	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Community Facilities	Libraries	New Library (specification to be agreed nearer the time)	BXC Partners, LBB	Direct Provision (Developer Obligation BXC)		Inadequate library provision in Brent Cross Cricklewood Area	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS2 & CS10	Brent Cross Cricklewood Planning Application: www.brentcrosscricklewood.com
Delivery	Community Facilities	Libraries	Upgrade Library - New Barnet / East Barnet - to be confirmed?	LBB	TBC	[Unquantifiable at Present]	Poorer and irrelevant libraries provision in East of Borough	Northeast	Town Centre New Barnet	N/A	2016-2020	Preferred	CS6 & CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Upgrade Facility - Golders Green - to be confirmed?	LBB	TBC	[Unquantifiable at Present]	Poorer quality library provision for Southeast of Borough	Southeast	N/A	N/A	2016-2020	Preferred	CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Libraries	Upgrade Facility - East Finchley - to be confirmed?	LBB	TBC	[Unquantifiable at Present]	Poorer quality library provision for Southeast of Borough	Southeast	N/A	N/A	2016-2020	Preferred	CS10	Information from Libraries Service (April 2010)
Delivery	Community Facilities	Arts and Exhibition Spaces	Barnet College - New Public Gallery Space	Barnet College	Completed	[Costed under Barnet College Rebuild]	Loss of opportunity to provide a space of interaction between students of the college and the public.	Northeast	Town Centre High Barnet	N/A	2006-2010	Necessary	CS6 & CS10	Planning Application (ref. N/01076AT/07)
Delivery	Community Facilities	Arts and Exhibition Spaces	Replacement Hampstead Garden Suburb Institute	Hampstead Garden Suburb Institute Trust	Completed	TBC	N/A	Southeast	N/A	N/A	2006-2010	Necessary	CS10	Planning Application (ref.)
Delivery	Community Facilities	Arts and Exhibition Spaces	Phoenix Cinema - refurbishment + new cafe / social facilities	Phoenix Cinema Trust	Completed	£700,000	N/A	Southeast	N/A	N/A	2006-2010	Preferred	CS10	http://www.durkan.co.uk/news-durkan-to-reno-vate-britains-oldest-cinema.asp
Need	Community Facilities	Arts and Exhibition Spaces	Further work is required to ensure that the needs of the 300 local community based organisations in Barnet offer arts, sports and				If the quality and availability of facilities are not accounted for then there is a risk that people aren't able to come together to deliver local projects and new networks for a 'big Society'.	All						
Delivery	Community Facilities	Arts and Exhibition Spaces	Barnet Museum - any plans identified?	LBB				Northeast	Town Centre High Barnet				CS6 & CS10	
Delivery	Community Facilities	Arts and Exhibition Spaces	All Sains Arts Centre - any plans?					Northeast	N/A				CS10	
Delivery	Community Facilities	Arts and Exhibition Spaces	John Keble Church are used for exhib & theatre - any plans?					Southeast	N/A				CS10	
Need	Community Facilities	Arts and Exhibition Spaces	East Finchley Methodist Church Hall, Trinity Church Hall, Finchley Methodist Church Hall - any of them have plans?	Guild Players - Finchley Amateur Drama Group				Southeast	N/A				CS10	
Delivery	Community Facilities	Arts and Exhibition Spaces	Church House Farm Museum - any plans identified?	LBB				Southeast	N/A				CS6 & CS10	
Delivery	Community Facilities	Arts and Exhibition Spaces	Arts Depot - any plans? Intersified / shared use by Middx University?	LBB, Middlesex University, Barnet College				Southeast	N/A				CS6 & CS10	
Delivery	Community Facilities	Arts and Exhibition Spaces	Incognito Theatre - Friend Barnet (minor extension)	Incognito Theatre Group	Incognito Member Donations, Grants and Fundraising	£120,000	Poor quality facilities for audiences and rehearsals, as well as for youth work	Northeast	N/A	N/A	2011-2015	Preferred	CS10	http://www.incognitotheatre.com/
Delivery	Community Facilities	Arts and Exhibition Spaces	Hartley Hall rebuild to provide Exhibition, Theatre & Youth Space	Developer and Church	Direct Provision	£1,339,092	Poor quality facilities for amateur theatre, as well as for youth & community functions	West	N/A	N/A	2011-2015	Necessary	CS10	Planning Application (ref. H/04296/08) - figure as quoted in the viability appraisal as exceptional additional cost of building
Delivery	Community Facilities	Arts and Exhibition Spaces	Extension to RAF Museum / new gateway tower building	RAF Museum	RAF Museum	£85,000,000	Sense and national importance of the museum + local history could be lost amongst the new development, also lack of expansion space onsite	West	AAP: Colindale	N/A	2011-2015	Preferred	CS10	http://www.timesonline.co.uk/to/news/uk/article7125952.ece

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Community Facilities	Arts and Exhibition Spaces	New multi-screen cinema facility	BXC Partners, LBB	Direct Provision (BXC Phase 1)	£22,500,000	Only required if Brent Cross is being converted to a metropolitan town centre	West	Brent Cross Cricklewood	1	2011-2015	Preferred	CS2 & CS10	(2000 Costs quoted in building magazine http://www.building.co.uk/data/cost-model-multiplex-cinemas/779.article). Using 15,450m ² D2 class floorspace for Brent Cross East listed in revised dev. spec. & framework of Brent Cross Cricklewood Planning Application: www.brentcrosscricklewood.com
Delivery	Community Facilities	Arts and Exhibition Spaces	Public Art (temporary and permanent)	BXC Partners, LBB, Arts Council	Direct Provision (BXC Phase 1)		Lower quality and less inviting areas of public realm	West	Brent Cross Cricklewood	1	2011-2015	Preferred	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Community Facilities	Arts and Exhibition Spaces	Public Art (temporary and permanent)	BXC Partners, LBB, Arts Council	Direct Provision (BXC Phase 2)		Lower quality and less inviting areas of public realm	West	Brent Cross Cricklewood	2	2016-2020	Preferred	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Community Facilities	Arts and Exhibition Spaces	Public Art (temporary and permanent)	BXC Partners, LBB, Arts Council	Direct Provision (BXC Phase 3)		Lower quality and less inviting areas of public realm	West	Brent Cross Cricklewood	3	2016-2020	Preferred	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Community Facilities	Arts and Exhibition Spaces	Public Art (temporary and permanent)	BXC Partners, LBB, Arts Council	Direct Provision (BXC Phase 4)		Lower quality and less inviting areas of public realm	West	Brent Cross Cricklewood	4	2021-2025	Preferred	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Community Facilities	Arts and Exhibition Spaces	Public Art (temporary and permanent)	BXC Partners, LBB, Arts Council	Direct Provision (BXC Phase 5)		Lower quality and less inviting areas of public realm	West	Brent Cross Cricklewood	5	2021-2025	Preferred	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Community Facilities	Community Centre	Greentop Centre (Replacement for Log Cabin Day Centre)	Developer, LBB	Completed	£190,000	N/A	West	AAP: Colindale		2006-2010	Critical	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Need	Community Facilities	Community Centre	New and refurbished community meeting facilities are needed in a variety of forms and costs for hire to address population growth, ageing & diversification of social activities				If the quality, availability, diversity and location of facilities are wrong then there is a risk that community groups are limited in their provision, reducing the creation of a 'Big Society' with strong & active participation in local groups	All					CS10	
Delivery	Community Facilities	Community Centre	Potential for a new community / religious facility separate to the school facility (Xm ²)			TBC	If the school is the only 'onsite' facility, then during the daytime there will be a lack of access to space for elderly residents as use of the Primary School would only be 'out of hours'	Southeast	AAP: Mill Hill East				CS10	
Delivery	Community Facilities	Community Centre	New facility (Xm ²) - is a new community centre being provided?			TBC	Is any community provision being lost as part of the build programme? Or is there a risk of a lack of space if new provision is not made?	West	West Hendon Estate				CS10	
Delivery	Community Facilities	Community Centre	New Community Centre an co-location projects will be added here as they are identified.	N/A	N/A	N/A	If a channel of communication is not maintained with local groups then their needs will not be able to be joined-up in order to facilitate co-location.	All	N/A	N/A	2011-2015	Preferred	CS10	N/A
Delivery	Community Facilities	Community Centre	Community Buildings'	Developer	Direct Provision (BXC-Phase 1)		Lack of accessible childcare facilities for construction and other jobs for local residents and new employees.	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS2 & CS10	Brent Cross Cricklewood Planning Application: www.brentcrosscricklewood.com
Delivery	Community Facilities	Community Centre	Community Buildings'	Developer	Direct Provision (BXC Phase 2)		Lack of accessible childcare facilities for construction and other jobs for local residents and new employees.	West	Brent Cross Cricklewood	2	2016-2020	Necessary	CS2 & CS10	Brent Cross Cricklewood Planning Application: www.brentcrosscricklewood.com

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Community Facilities	Community Centre	New Community Centre (440m2)	Developer, Community Trust	Direct Provision (Stonegrove Estate)	£1,865,606	Development plans would be unsound if this community facility is not delivered	West	Stonegrove and Spur Road Estate	2	2016-2020	Critical	CS10	Stonegrove and Spur Road Planning Application (ref. W/13582/E/07)
Delivery	Community Facilities	Religious Facilities	Sikh Community - Nanak Darbar Temple (internal facilities improvements)	N/A	Completed	TBC	There does not appear to be need for expansion of facilities rather just improved quality.	Northeast	N/A	N/A	2006-2010	Preferred	CS10	http://www.nanakdarbar.co.uk/facilities.htm
Delivery	Community Facilities	Religious Facilities	New North London Synagogue Rebuild	New North London Synagogue Community	Completed	£6,500,000	N/A	Southeast	N/A	N/A	2006-10	Preferred	CS10	http://www.nmls-masorti.org.uk/page.php?ID=13
Delivery	Community Facilities	Religious Facilities	North Western Reform Synagogue Rebuild	London (Alyth) Synagogue Community	Completed	£4,000,000	N/A	Southeast	N/A	N/A	2006-10	Preferred	CS10	Synagogue Website
Need	Community Facilities	Religious Facilities	Barnet has a diverse number of religious groups who own and rent buildings for prayer and community activities, many of which require substantial investment.				A number of existing religious facilities will become unsuitable or unable to meet the needs of their communities unless investment is provided, also new facilities are needed for emerging communities.	All					CS10	
Delivery	Community Facilities	Religious Facilities	Hindu Cultural Centre - (Facilities Upgrade)	Hindu Cultural Society	Community Fundraising	TBC	Poorer quality and less well used community facilities	Northeast	N/A	N/A	2011-2015	Preferred	CS10	http://www.hinduculturalsociety.co.uk/index.htm
Delivery	Community Facilities	Religious Facilities	Mosque to accommodate 80-100 extra people (undelivered in 2008-09 due to lack of funds).	Islamic Centre of North London	Community Fundraising	£220,000	Inadequate capacity to meet membership needs and therefore potentially poorer quality community facilities and overall prayer experience	Southeast	N/A	N/A	2011-2015	Necessary	CS10	http://www.ianl.org.uk/index.php?option=com_content&view=article&id=96%3Amosque-extension-details&catid=15%3Amosque-information&Itemid=73
Delivery	Community Facilities	Religious Facilities	Finchley Reform Synagogue (rebuild and 50% expansion)	Finchley Reform Synagogue	Community Fundraising		Inadequate and poorer quality community facilities	Southeast	N/A	N/A	2011-2015	Preferred	CS10	www.fsonline.org
Delivery	Community Facilities	Religious Facilities	Golders Green Synagogue (returbishment and rear of building expansion)	Golders Green Synagogue	Community Fundraising	£3,500,000	Unsuitable and inappropriate existing community facilities	Southeast	N/A	N/A	2011-2015	Preferred	CS10	http://www.goldersrenewnaoocoe.co.uk/GCommunity_Redevelopment_Strategy.html
Delivery	Community Facilities	Religious Facilities	Mill Hill Synagogue (building expansion)	Mill Hill Synagogue	Community Fundraising	£3,600,000	Inadequate and inappropriate existing community facilities	West	N/A	N/A	2011-2015	Preferred	CS10	http://www.thejc.com/community/community-life/30819/mill-hill-synagogues-extension-development-plan
Delivery	Community Facilities	Religious Facilities	Holy Mission of Nanak - Cricklewood Broadway - (Extension to existing facility)	Holy Mission of Guru Nanak Community	Community Fundraising	£250,000	Inadequate and poorer quality community facilities	West	N/A	N/A	2011-2015	Preferred	CS10	http://www.holymission.org.uk/html/initiative.asp
Delivery	Community Facilities	Religious Facilities	New Church Building (400m2)	Developer, Diocese	Direct Provision (Stonegrove Estate)	£1,948,588	Development plans would be unsound if this community and nursery facility is not delivered	West	Stonegrove and Spur Road Estate	4	2021-2025	Critical	CS10	Stonegrove and Spur Road Planning Application (ref. W/13582/E/07), cost detailed in the financial model.
Delivery	Community Facilities	Youth Provision	Extended Schools Programme (8am-6pm)	LBB, DCSF	Completed	TBC	N/A	Northeast	N/A		2006-2010	Critical	CS10	
Delivery	Community Facilities	Youth Provision	Extended Schools Programme (8am-6pm)	LBB, DCSF	Completed	TBC	N/A	Southeast	N/A		2006-2010	Critical	CS10	
Delivery	Community Facilities	Youth Provision	Extended Schools Programme (8am-6pm)	LBB, DCSF	Completed	TBC	N/A	West	N/A		2006-2010	Critical	CS10	

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Need or Delivery	Primary Category	Secondary Category	Item	Issues of capacity and	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Need	Community Facilities	Youth Provision		need must be holistically addressed through the 'Big Society' including multi-agency approaches and the voluntary sector (200 organisations work with children, young people & families in Barnet)				If the accommodation and capacity requirements for organisations working with young people are not fully considered and regularly monitored then there is a risk that suitable accommodation or opportunities for revenue cost reductions will be lost.	All					CS10	
Delivery	Community Facilities	Youth Provision	Loss of existing Youth Centre facility on Barnet College Site will require replacement provision		LBB, Developer	Direct Provision (Developer obligation - Barnet College Site)	[Unknown]	If funding for replacement provision is not utilised for a multi-agency approach then the opportunity to improve services at reduced revenue funding costs will be lost.	West	AAP: Colindale		2016-2020	Necessary	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Community Facilities	Youth Provision	Aerodrome Park Youth Facilities		LBB, Developer	Developer Obligation (Colindale AAP)	[Unknown]	If a joined-up approach is not taken to the design and development of the Peel Centre then a key opportunity for improving provision in the area will be lost.	West	AAP: Colindale		2021-2025	Preferred	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Community Facilities	Youth Provision	Childcare Facilities'		Developer	Direct Provision (BXC Phase 3)		Lack of accessible childcare facilities for construction and other jobs for local residents and new employees.	West	Brent Cross Cricklewood	3		Necessary	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Community Facilities	Youth Provision	Childcare Facilities'		Developer	Direct Provision (BXC Phase 4)		Lack of accessible childcare facilities for construction and other jobs for local residents and new employees.	West	Brent Cross Cricklewood	4		Necessary	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Community Facilities	Youth Provision	Childcare Facilities'		Developer	Direct Provision (BXC Phase 5)		Lack of accessible childcare facilities for construction and other jobs for local residents and new employees.	West	Brent Cross Cricklewood	5		Necessary	CS2 & CS10	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Need	Community Facilities	Funeral Facilities		Has the capacity / throughput and quality of existing crematoria been fully assessed? - To be completed			N/A		All			?	?	CS10	
Delivery	Community Facilities	Funeral Facilities	LB Barnet Cremetoria Project - is this planned to deliver additional capacity or just reduce revenue costs?		LBB	Fees and Charges	N/A	If the process of contracting Cems & Cremes does not fully account for any potential increased capacity needs, then there is a risk to users or the Council that costs will need to increase	All	N/A	N/A	2011-2015	Necessary	CS10	
Need	Community Facilities	Funeral Facilities		Do the existing cemeteries have sufficient capacity to meet the needs of the existing and future population of Barnet?			N/A		All					CS10	
Delivery	Community Facilities	Funeral Facilities	Are their plans for changes at any of the borough's cemeteries? (New Southgate, Hendon, Mill Hill)		LBB and Contract Partners	Private Finance Investment	N/A	If plots are not sufficiently 'recycled', cremation rates drop from 70% or diversity of choice requires more woodland burial then Barnet will need to address this.	All	N/A	N/A	2011-2015	Necessary	CS10	http://www.barnet.gov.uk/cemeteries.pdf

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Community Facilities	Funeral Facilities	Expansion of Edgwarebury Lane Jewish Cemetery into neighbouring fields.	Beisize Park Synagogue Liberal Judaism, Spanish & Port, Sephardi Jewish Communities, West London Synagogue	Expansion funded by ongoing 'Burial Fees' paid via subscription to a Synagogue Community or through fees & charges at the time of death	TBC	If not delivered then a number of Jewish Communities in Barnet and London will not have sufficient burial space. If not delivered with required ecological measures then Green Belt Land is put at risk.	All	N/A	N/A	2011-2015	Necessary	CS10	Edgwarebury Cemetery Planning Application - Planning Inspectorate Appeal Decision (Ref: APP/N5090/A/10/2122850)
Delivery	Community Facilities	Other	New community centre / business meeting rooms	Developer	Completed	£1,000,000	If these are not delivered early on then these kind of facilities will not be available to support the process of transformation in Colindale at an early stage.	West	AAP: Colindale		2006-10	?	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Need	Community Facilities	Other	400 local community based organisations in Barnet offer culturally sensitive tailored activities for the hugely diverse communities in Barnet.					All					CS10	
Need	Community Facilities	Other	300 local community based organisations in Barnet provide specialised help, advice and sign posting services.					All					CS10	
Delivery	Community Facilities	Other	New 'Community Office' on Colindale Hospital Site for Wright Trust	Fairview	Direct Provision (developer obligation - Colindale Hospital)	£50,000	If the new facility is not delivered then the Wright Trust will not have a space from which to operate its community building activities	West	AAP: Colindale		2011-15	Preferred	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Community Facilities	Other	New facility on British Library Site	Developer	Direct Provision (developer obligation - British Library)	TBC	If the new facility is not delivered then will there be sufficient spaces from which community groups can operate and services run from?	West	AAP: Colindale		2016-2020	Preferred	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Community Facilities	Other	New facility on Peel Centre West Site	Developer	Direct Provision (developer obligation - Peel Centre West)	TBC	If the new facility is not delivered then will there be sufficient spaces from which community groups can operate and services run from?	West	AAP: Colindale		2021-2025	Preferred	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Community Facilities	Other	New facility in Aerodrome Way Corridor	Developer	?	TBC	If the new facility is not delivered then will there be sufficient spaces from which community groups can operate and services run from?	West	AAP: Colindale		2021-2025	Preferred	CS10	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Need	Community Facilities	Other	Are any new Public Toilets required in particular locations? - to be completed	LBB		N/A					?	?	CS10	
		SPORT & RECREATION	A holistic assessment and resulting strategy for Sport and Recreational Infrastructure is needed. The PPS 17 assessment only included analysis of required playing pitches and play facilities, it does not deliver a strategy for addressing demonstrated needs. Localised plans for delivering required sporting infrastructure have been developed for the key planned growth areas - these form the basis of the information detailed below. A more holistic and 'across the piece' assessment and resulting strategy is needed. In terms of informal recreation, a number of play facilities were delivered through the Playbuilder Scheme - but future funding has been cancelled.											
Need	Sport & Recreation	Sports Centre	Sports Facilities Usage & Access Assessment Programmed Aug 2010 (Item 1: Sports Halls)	LBB, GLL, Sport England	[Unknown Need]	N/A	In depth analysis of supply and demand issues to be presented to Barnet 03/09/10	All	N/A		2011-2026	Preferred	CS10	Leisure Facilities Assessment Consultancy Specification (March 2010)

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Sport & Recreation	Sports Centre	Potential co-location of Sports Centre with Ravenscroft School	LBB, GLL, Sport England	Dependent on results of Sports Facilities Assessment	TBC	Sports Centre facilities at QE Girls School are inadequate for catering to Northeast of the borough indoor sports needs	Northeast	N/A		2016-2020	Preferred	CS10	Potential option mentioned in Conversation with Julian Mauger (May 2010)
Delivery	Sport & Recreation	Sports Centre	Replacement Sailing Base on Welsh Harp	Developer, LBB	Direct Provision (W. Hendon Phase 2)	£1,000,000	Redevelopment of the West Hendon Estate will require the existing facility to be replaced	West	West Hendon Estate		2011-2015	Necessary	CS7	West Hendon Estate Planning Application (ref. W13937/04)
Delivery	Sport & Recreation	Sports Centre	Replacement Hendon Leisure Centre, co-located with Whitefield School	LBB, GLL, Sport England	Direct Provision (developer obligation - BXC Phase 2)		The Brent Cross development is unacceptable unless these facilities are reprovided.	West	Brent Cross Cricklewood	2	2016-2020	Critical	CS2 & CS7	Brent Cross Cricklewood Planning Application: www.brentcrosscricklewood.com
Delivery	Sport & Recreation	Sports Centre	Upgrade to Cophall Athletic Stadium + Associated Facilities	LBB, Sport England, Middlesex University	Middlesex University	[Unquantifiable at Present]	Cophall Facilities are not at optimal usage and therefore there is an opportunity to deliver investment in the quality of the facilities on offer	West	N/A		2016-2020	Preferred	CS7 & CS10	Core Strategy response letter from Middlesex University listed an interest in shared usage and related potential for upgrading the standard of facilities.
Delivery	Sport & Recreation	Sports Pitches	East Barnet School / Livingstone School MUGA installation	JCOSS Trust, Sport England, LBB	Completed	TBC		Northeast	N/A		2006-2010	Preferred	CS7	JCOSS planning application (ref.)
Delivery	Sport & Recreation	Sports Pitches	Glebelands Playing Fields Drainage	LBB	Completed	TBC	N/A	Southeast	N/A		2006-2010	Necessary	CS7	Cabinet Resources Committee Report - Dated: 28 July 2004
Delivery	Sport & Recreation	Sports Pitches	Purchase of Broadfields Sports Pitches - now publicly accessible	Broadfields School, LBB	Completed	[Costed under Broadfields School]	Reduced access to quality playing pitches in the locality	West	N/A	N/A	2006-2010	Preferred	CS7	Planning Application (ref.)
Need	Sport & Recreation	Sports Pitches	Need for 129ha of additional Playing Pitches to meet Sport England minimum standards	[Unknown]	Requires 'design-led mechanism' at local level to resolve	[Unquantifiable at Present]	In depth analysis of supply and demand issues to be presented to Barnet 03/09/10	All	N/A		2011-2026	Preferred	CS7	Information from Commercial Services Staff (April 2010)
Need	Sport & Recreation	Sports Pitches	Sports Facilities Usage & Access Assessment Programmed Aug 2010 (Item 3: Synthetic Pitch)	LBB, GLL, Sport England	[Unknown Need]	N/A	In depth analysis of supply and demand issues to be presented to Barnet 03/09/10	All	N/A		2011-2026	Preferred	CS10	Leisure Facilities Assessment Consultancy Specification (March 2010)
Delivery	Sport & Recreation	Sports Pitches	King George Playing Fields Sports Pitches Drainage + Upgrade Dame Alice Owen's	LBB, Sport England	Planning Contributions (developer obligation - Dollis Valley Estate)	[Unquantifiable at Present]	In order to re-integrate the Estate into locality, improved connections to surrounding open spaces is required.	Northeast	Dollis Valley Estate	Unknown	2016-2020	Critical	CS7	Comments made by CABE in open house meeting discussing mechanisms for ensuring redevelopment creates a successful sense of place
Delivery	Sport & Recreation	Sports Pitches	Sports Ground / Oak Hill Park / Brook Farm Open Space Pavilion Upgrade + Drainage Improvement	LBB, Sport England	Planning Contributions (developer obligation - HIGHT)	[Unquantifiable at Present]	The loss of existing open space would be unacceptable if not leading to improvements to other sports facilities.	Northeast	HIGHT Site		2011-2015	Critical	CS7	Early feedback from Greenspaces on open spaces impact regarding early proposals for the Well Grove site (31/01/2008)
Delivery	Sport & Recreation	Sports Pitches	Mill Hill East Primary School Multisport Pitch	LBB, Sport England	Direct Provision (developer obligation - Mill Hill East AAP)	[Costed under the provision of the school]	Insufficient access to high quality sports facilities for the new Primary School	Southeast	AAP: Mill Hill East		2016-2020	Critical	CS7	Mill Hill East Area Action Plan http://www.barnet.gov.uk/mill-hill-aap-jan-2009-policies-p2.pdf
Delivery	Sport & Recreation	Sports Pitches	Aerodrome Park quality pitches made accessible for public usage	LBB, Sport England	Direct Provision (developer obligation - Colindale AAP)	[Costed under infrastructure]	The existing Police Training College has sports pitches and therefore some must be reprovided within the delivery of the new Aerodrome Park	West	AAP: Colindale		2021-2025	Necessary	CS7	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Delivery	Sport & Recreation	Sports Pitches	Citterhouse Playing Fields Upgrading	LBB, GLL, Sport England	Direct Provision (developer obligation - BXC Phase 1 + 2)	[Costed under infrastructure]	The Brent Cross development is unacceptable unless these improvements are provided.	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Sport & Recreation	Sports Pitches	Citterhouse Playing Fields new pavilion with changing facilities	LBB, GLL, Sport England	Direct Provision (developer obligation - BXC Phase X)	[Costed under infrastructure]	The Brent Cross development is unacceptable unless these new facilities are provided.	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Sport & Recreation	Sports Pitches	Montrose Park Sports Pitches + Clubhouse	LBB, Sport England	Developer Obligation (Colindale Hospital + Barnet College Site)	[Unquantifiable at Present]	If usage by local groups and clubs is not increased then opportunity for passive surveillance of the park lost	West	N/A		2011-2015	Necessary	CS7	Colindale Hospital Planning Application (ref. H/00342/09)

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Sport & Recreation	Sports Pitches	Upgrade to Cophall Sports Pitches+Facilities	LBB, Sport England, Middlesex University	Middlesex University	[Unquantifiable at Present]	Cophall Facilities are not at optimal usage and therefore there is an opportunity to deliver investment in the quality of the facilities on offer	West	N/A		2016-2020	Preferred	CS7	Core Strategy response letter from Middlesex University listed an interest in furthering the partnership by supporting shared usage and related potential for upgrading the standard of facilities.
Delivery	Sport & Recreation	Swimming Pools	Upgraded Whittings Hill Primary School Swimming Pool	LBB	Completed	[Costed under Whittings Hill School]	Reduced opportunities for quality and well-used swimming facilities in locality	Northeast	N/A		2006-2010	Preferred	CS10	Planning Application (ref.)
Delivery	Sport & Recreation	Swimming Pools	Upgraded Colindale Primary School Swimming Pool	LBB	Completed	[Costed under Colindale School]	Reduced opportunities for quality and well-used swimming facilities in locality	West	N/A		2006-2010	Necessary	CS10	Planning Application (ref.)
Need	Sport & Recreation	Swimming Pools	Access Assessment Programmed Aug 2010 (Item 2. Swimming Pools)	LBB, GLL, Sport England	[Unknown Need]	N/A	In depth analysis of supply and demand issues to be presented to Barnet 03/09/10	All	N/A		2011-2026	Preferred	CS10	Leisure Facilities Assessment Consultancy Specification (March 2010)
Delivery	Sport & Recreation	Swimming Pools	Upgrade to Cophall Swimming Pool	LBB, Sport England, Middlesex University	Middlesex University	[Unquantifiable at Present]	Cophall Facilities are not at optimal usage and therefore there is an opportunity to deliver investment in the quality of the facilities on offer	West	N/A		2016-2020	Preferred	CS10	Core Strategy response letter from Middlesex University listed an interest in furthering the partnership by supporting shared usage and related potential for upgrading the standard of facilities.
Delivery	Sport & Recreation	Play Facilities	1 LEAP + 1 NEAP at Annington Development	Annington Homes	Completed	TBC - speak to dev. partners	N/A	Southeast	AAP: Mill Hill East		2006-2010	Critical	CS7	Planning Application (ref. Inglis Barracks)
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Swan Lane Open Space	DCSF, LBB, SMP	Completed	£35,000	N/A	Northeast	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Oak Hill Park	DCSF, LBB, SMP	Completed	£60,000	N/A	Northeast	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Tudor Park	DCSF, LBB, Wicksteed	Completed	£35,000	N/A	Northeast	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Bethune Park	DCSF, LBB, SMP	Completed	£60,000	N/A	Southeast	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Mill Hill Park	DCSF, LBB, SMP	Completed	£60,000	N/A	Southeast	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Cherry Tree Woods	DCSF, LBB, Wicksteed	Completed	£55,000	N/A	Southeast	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Sunny Hill Park	DCSF, LBB, Kompan	Completed	£60,000	N/A	West	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Stoneyfields Park	DCSF, LBB, Kompan	Completed	£40,000	N/A	West	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Colindale Park	DCSF, LBB, SMP	Completed	£35,000	N/A	West	AAP: Colindale		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Silkstream Park	DCSF, LBB, Wicksteed	Completed	£35,000	N/A	West	AAP: Colindale		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at York Park	DCSF, LBB, Wicksteed	Completed	£55,000	N/A	West	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009
Delivery	Sport & Recreation	Play Facilities	New Play Equipment at Brent Park	DCSF	Completed	£40,000	N/A	West	N/A		2006-2010	Necessary	CS7	Delegated Powers Report 947 dated 02 December 2009

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (italicised if estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Need	Sport & Recreation	Play Facilities	Need for 35 LEAPS & 24 NEAPS, in total 3.8ha of additional Play Space to meet NPFA standards	[Unknown]	Requires 'design-led mechanism' at local level to resolve	[Unquantifiable at Present]	Insufficient areas of play leading to enhanced risk of social exclusion issues	All	N/A		2011-2026	Necessary	CS7	PPS 17 - Open Spaces Assessment: http://www.barnet.gov.uk/open-space-assessment-dec09.pdf
Delivery	Sport & Recreation	Play Facilities	Upgrade to Kara Way Playground	LBB, BXC Partners	Direct Provision (developer obligation - BXC Phase 1)		If this LEAP is not provided then the need for local play space for early years children will not be accommodated.	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Sport & Recreation	Play Facilities	Creation of new LAP 'mini park' within site	Fairview, LBB	Direct Provision: (developer obligation - Colindale Hospital)		If this LEAP is not provided then the need for local play space for early years children will not be accommodated.	West	AAP: Colindale		2011-2015	Necessary	CS7	Colindale Hospital Planning Application (ref. H/00342/09)
Delivery	Sport & Recreation	Play Facilities	Creation of new 'Phase 5 LAP mini park'	Developers, LBB	Direct Provision: (developer obligation - Grahame Pk Estate)		If this LEAP is not provided then the need for local play space for early years children will not be accommodated.	West	AAP: Colindale		2021-2026	Necessary	CS7	Graham Park Planning Application (ref. W01731JS/04)
Delivery	Sport & Recreation	Play Facilities	Creation of new 'Phase 6 LAP mini park'	Developers, LBB	Direct Provision: (developer obligation - Grahame Pk Estate)		If this LEAP is not provided then the need for local play space for early years children will not be accommodated.	West	AAP: Colindale		2021-2026	Necessary	CS7	Graham Park Planning Application (ref. W01731JS/04)
Delivery	Sport & Recreation	Play Facilities	Improvements to Play Facilities at either Stonegrove Park or Edgewarebury Park	Community Panel, LBB and Developers	Developer Contributions	150,000	Improvements to Play Facilities are required in the local area in order to deliver suitable youth facilities in the locality	West	Stonegrove and Spur Road Estate	2	2016-2020	Critical	CS7	Stonegrove and Spur Road Planning Application (ref. W/13562/E/07)

Green Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (if/when estimated)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
	ENERGY	ENERGY	The GLA 'Heatmapping' Project identified the five areas as those sites most capable of delivering a decentralised energy centre and network. Four of the sites require an energy strategy to be developed, and Brent Cross where this was part of the planning application is now ready for detailed feasibility. Renewable Energy installation is expected to rise as the Government's Renewable Energy Strategy schemes and financial incentives come into effect over the coming years. A final key piece in the puzzle is energy efficiency, whereby Code for Sustainable Homes levels will continue to influence design of local development.											
Delivery Energy	Decentralised Energy	Decentralised Energy	Combined Heat & Power Plant Located at Barnet Fire Station	LFB	Completed	Unknown	N/A	Northeast	N/A	N/A	2006-2010	Preferred	CS13	Information from London Fire Brigade (27 July 2010)
Delivery Energy	Decentralised Energy	Decentralised Energy	Combined Heat & Power Plant Located at Finchley Fire Station	LFB	Completed	Unknown	N/A	Southeast	N/A	N/A	2006-2010	Preferred	CS13	Information from London Fire Brigade (27 July 2010)
Need Energy	Decentralised Energy	Decentralised Energy	Leadership to deliver investment for feasibility work required to deliver a more sustainable energy future.				Failure to grasp the opportunity to install decentralised energy networks at the time of construction will mean they are unlikely to ever be an affordable proposition.				2011-2015			
Delivery Energy	Decentralised Energy	Decentralised Energy	Central Government Feed-in tariff scheme to increase uptake of onsite renewables		?		This scheme will allow existing users to adapt their homes, a scheme very suitable in Barnet.	All	N/A	N/A	2011-2015	Preferred	CS13	
Delivery Energy	Decentralised Energy	Decentralised Energy	Chipping Barnet District Heating Network (energy strategy)	Developers, LDA, LBB		[Unknown]	Lack of co-ordination will lead to opportunities coming forwards being missed	Northeast	Dollis Valley Estate		2011-2015	Preferred	CS13	GLA Heat Mapping Project - June 2010
Delivery Energy	Decentralised Energy	Decentralised Energy	North Finchley District Heating Network (energy strategy)	Developers, LDA, LBB		[Unknown]	Lack of co-ordination will lead to opportunities coming forwards being missed	Northeast	Town Centre North Finchley		2011-2015	Preferred	CS13	GLA Heat Mapping Project - June 2010
Delivery Energy	Decentralised Energy	Decentralised Energy	Mill Hill East District Heating Network (feasibility and costing)	Developers, LDA, LBB	Direct Provision (developer obligation Mill Hill East)	[Costs not public information]	Without sufficient enforcement and support for strong planning controls then the opportunity will be lost	Southeast	AAP: Mill Hill East	?	2011-2015	Necessary	CS13	GLA Heat Mapping Project - June 2010
Delivery Energy	Decentralised Energy	Decentralised Energy	BXC District Heating proposed 16MWE plant (feasibility and costing)	Developers, LDA, LBB	Direct Provision: (developer obligation BXC Phase 1)	[Costed under waste facility]	Without sufficient enforcement and support for strong planning controls then the opportunity will be lost	West	Brent Cross Cricklewood	1	2011-2015	Necessary	CS2 & CS13	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery Energy	Decentralised Energy	Decentralised Energy	BXC (south) District Heating Network	BXC Partners, TTL	Direct Provision: (developer obligation All Phases)	[Cost included under physical infrastructure]	The lack of funding will lose the opportunity for comprehensive installation.	West	Brent Cross Cricklewood	Various Phases	2011-2015		CS2 & CS13	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery Energy	Decentralised Energy	Decentralised Energy	Colindale District Heating Network (feasibility and costing)	Developers, LDA, LBB	Developer obligation (Colindale Hospital, Peel Centre East & West and Beaufort Park later phases)	[Feasibility & Costing work required]	Without sufficient enforcement and support for strong planning controls then the opportunity will be lost	West	AAP: Colindale		2011-2015	Necessary	CS13	GLA Heat Mapping Project - June 2010
Need Energy	Energy Efficiency	Energy Efficiency	Energy efficiency measures must be delivered to reduce energy consumption.				Failure to support existing homeowners to reduce fuel consumption and new developments to be more efficient will increase impact.				2011-2015			
Delivery Energy	Energy Efficiency	Energy Efficiency	All new homes built to Code for Sustainable Homes minimum levels	CLG	LBB Policy Implementation	£0	Without sufficient enforcement and support for strong planning controls then the opportunity will be lost	All	N/A	N/A	2011-2015	Necessary	CS13	
Delivery Energy	Energy Efficiency	Energy Efficiency	Energy Efficiency Retrofitting Programme - to be confirmed	Barnet Homes	?			All	N/A	N/A	2011-2015	Necessary	CS13	
Delivery Energy	Energy Efficiency	Energy Efficiency	West Hendon Estate (energy strategy for delivering efficiencies)	Developers, LDA, LBB	Direct Provision: (developer obligation W. Hendon Estate)	?	Without sufficient enforcement and support for strong planning controls then the opportunity will be lost	West	West Hendon Estate	?	2011-2015	Necessary	CS13	West Hendon Estate Planning Application (ref. W/13937/04)

Green Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (if/when estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source	
Delivery Energy	Energy Efficiency	Energy Efficiency	Stonegrove Estate (energy strategies for delivering efficiencies)	Developers, LDA, LBB	Direct Provision: (developer obligation Stonegrove Estate)	?	Without sufficient enforcement and support for strong planning controls then the opportunity will be lost	West	Stonegrove and Spur Road Estate		2011-2015	Critical	CS13	Stonegrove and Spur Road Planning Application (ref. W/13582/E/07)	
Need Waste	WASTE	WASTE	The North London Waste Authority provides a detailed plan for its delivery. Details of cost and funding will emerge in due course.				Failure to adequately support delivery of suitable waste-handling sites risks the ability to meet future waste-handling needs and reduce revenue cost implications. Failure to deliver suitable local recycling centres will lead to additional waste-handling costs.								
Need Waste	Facilities	Facilities	Plan identifies need for 14.1 hectares of new waste handling facilities across N. London subregion (10 potential sites were identified), supported by new local recycling centres												
Delivery Waste	Facilities	Facilities	Vacuum Waste Network	BXC Partners, TTL	Direct Provision: (developer obligation BXC Phase 2)	TBC	Brent Cross will not deliver the sufficient sustainability standards unless this infrastructure is delivered	West	Brent Cross Cricklewood		2011-2015		CS2 & CS14	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)	
Delivery Waste	Facilities	Facilities	Waste Transfer Facility (Council Vehicle Depot)	LBB, LB Haringey, NWLA	NLWA	?	Mill Hill East cannot be delivered without the relocation of the existing depot	Northeast	AAP: Mill Hill East		2011-2015		CS14	CRC October 2010	
Delivery Waste	Facilities	Facilities	New Community Recycling Centre	LBB, NWLA	NLWA	?	Harder to deliver required level increase in recycling if required centres not installed.	Northeast	N/A	N/A	2011-2015	Necessary	CS14	NLWA Plan -	
Delivery Waste	Facilities	Facilities	Waste Handling Facility (processing & transfer)	BXC Partners, NLWA	Direct Provision: (developer obligation BXC Phase 1)		Required as key piece of sub-regional infrastructure as well as to deliver the sufficient sustainability standard for BXC	West	Brent Cross Cricklewood	1	2011-2015		CS2 & CS14	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)	
Delivery Waste	Facilities	Facilities	New Community Recycling Centre	LBB, NWLA	NLWA	?	Harder to deliver required level increase in recycling if required centres not installed.	West	N/A	N/A	2011-2015	Necessary	CS14	NLWA Plan -	
Delivery Waste	Facilities	Facilities	New Community Recycling Centre	LBB, NWLA	NLWA	?	Harder to deliver required level increase in recycling if required centres not installed.	West	N/A	N/A	2011-2015	Necessary	CS14	NLWA Plan -	
FLOODING	FLOODING	FLOODING	Environment Agency Flood Risk modelling has only identified the Silk Stream in Colindale as an area at risk of flooding, measures to address this risk have been taken. However, strategically across London there is a need to increase flood prevention through localised measures to reduce the speed of drainage in response to storm events; particularly in light of the effect of garden conversions to parking spaces, house extensions and/or new housing/flats.												
Delivery Flooding	Local Flood Prevention	Local Flood Prevention	All new schools incorporate SUDs	LBB, Developer Partners	Completed	[Included within School costs]	Loss of opportunity to install flood management facility at time of construction	All	N/A	N/A	2006-2010	Preferred	CS13	Information from Planning, Housing and Regeneration Staff (26 June 2010)	
Delivery Flooding	Fluvial Flood Prevention	Fluvial Flood Prevention	Works to Silk Stream	Environment Agency	Completed	£1,000,000	N/A	West	AAP: Colindale		2006-2010	Critical	CS13	Environment Agency Website	
Delivery Flooding	Local Flood Prevention	Local Flood Prevention	Large SWALE included at Northway/Fairway School	LBB, Developer Partners	Completed	[Included within School costs]	Loss of opportunity to install flood management facility at time of construction	West	N/A	N/A	2006-2010	Necessary	CS13	Planning Application (ref.)	
Need Flooding	Local Flood Prevention	Local Flood Prevention	New development needs to deliver solutions to reduce impact of rainfall on the waste water network.				Failure to secure Sustainable Design and Construction in new developments would pose increased loading on the waste water network.				2011-2015				
Delivery Flooding	Local Flood Prevention	Local Flood Prevention	Mill Hill East AAP SUDs (installation)	LBB, Developer Partners	Design Requirement	[TBC]	Flooding of lower-lying areas as runoff increases.	Southeast	AAP: Mill Hill East	All	2011-2015	Critical	CS13	Planning Application (ref.)	
Delivery Flooding	Local Flood Prevention	Local Flood Prevention	Green / Brown Roof SUDs (installation)	LBB, Developer Partners	Direct Provision: (developer obligation BXC Phase 2)	[TBC]		West	Brent Cross Cricklewood	All	2016-2020	Critical	CS2 & CS13	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)	

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (if/when estimated)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Flooding	Local Flood Prevention	Colindale AAP SUDs (installation)	LBB, Developer Partners	Design Requirement	[TBC]	Flooding of lower-lying areas as runoff increases.	West	AAP: Colindale	All	2011-2015	Critical	CS13	Colindale Area Action Plan http://www.barnet.gov.uk/index/council-democracy/unitary-authorities/statutory-development-plans/colindale-area-action-plan-adopted-mar10.htm
Need	Flooding	Drainage Network	Surface Water Runoff Improvements - to be confirmed	Drain London									CS13	
Need	Flooding	Drainage Network	Greywater Recycling Programme - to be confirmed	Drain London									CS13	
	OPEN SPACES	OPEN SPACES	<p>The production of the PPS 17 Assessment identified the need for additional natural and park spaces to provide sufficient open space to meet minimum standards, however it does not provide a strategy for delivery of this required open space provision. The Council's Greenspaces Team are focused on management of existing greenspaces and addressing ongoing maintenance needs in relation to the overall budget. New development is delivering capital investment for improving existing and providing new open spaces in the key growth areas, but there is no clear plan for their long term maintenance.</p> <p>There is therefore three key areas that need addressing: (a) A strategy is required to detail how the strategic assessment of needs resulting from population growth will be addressed. (b) A strategy is required to address how ongoing delivery plans are linked to areas of deficiency and (c) there needs to be a greater understanding for how capital investment and delivery of new open spaces to a higher standard in key growth areas will be sustained in the long term through an effective strategy for funding and delivery of quality estate management.</p>											
Delivery	Open Spaces	Blue Network	Silk Stream - Bury Farm Flood Risk Management and Habitat Creation	The River Restoration Centre	Completed			West	N/A	N/A	2006-2010		CS13	River Restoration Centre website - http://www.therrc.co.uk/trap_zoom.php?c=3
Delivery	Open Spaces	Blue Network	Silk Stream - Edgwarebury Park Flood Storage Area and Habitat Creation	The River Restoration Centre	Completed			West	N/A	N/A	2006-2010		CS13	River Restoration Centre website - http://www.therrc.co.uk/trap_zoom.php?c=3
Need	Open Spaces	Blue Network	River environments in Barnet are in poor condition and in the main poorly accessible to both people and wildlife.				Failure to value the blue network and plan for its improvement will impact on biodiversity, quality of life & access to open space.				2011-2025			
Delivery	Open Spaces	Blue Network	Thames River Basin designation as Water Protection Zone	Environment Agency	EU Water Framework Directive			All	N/A	N/A	2011-2015		CS13	DEFRA - Thames River Basin Management Plan (Appendix C.3)
Delivery	Open Spaces	Blue Network	Controls on Abstraction of Groundwater by Agriculture and Industry	Environment Agency	EU Water Framework Directive			All	N/A	N/A	2011-2015		CS13	DEFRA - Thames River Basin Management Plan (Appendix C.4)
Delivery	Open Spaces	Blue Network	Dollis Brook upgrade 'Poor' to 'Good' status (dissolved oxygen + phosphate issues)	Environment Agency	EU Water Framework Directive	[Too technical + expensive for 2015 plans]		All	N/A	N/A	2021-2025		CS13	DEFRA - Thames River Basin Management Plan (River R19)
Delivery	Open Spaces	Blue Network	Dollis Brook upgrade 'Moderate' to 'Good' status (hydromorphology)	Environment Agency	EU Water Framework Directive	[Too technical + expensive for 2015 plans]		All	N/A	N/A	2021-2025		CS13	DEFRA - Thames River Basin Management Plan (River R19)
Delivery	Open Spaces	Blue Network	Silk Stream & Edgware Brook upgrade 'Poor' to 'Good' status (dissolved oxygen + phosphates)	Environment Agency	EU Water Framework Directive	[Too technical + expensive for 2015 plans]		West	N/A	N/A	2021-2025		CS13	DEFRA - Thames River Basin Management Plan (River R18)
Delivery	Open Spaces	Blue Network	Silk Stream & Edgware Brook upgrade 'Moderate' to 'Good' status (hydromorphology)	Environment Agency	EU Water Framework Directive	[Too technical + expensive for 2015 plans]		West	N/A	N/A	2021-2025		CS13	DEFRA - Thames River Basin Management Plan (River R18)

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (if/when estimated)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Need	Open Spaces	Natural Open Spaces	Need for 10 natural spaces totalling 48ha to enable access to all.		Requires 'design-led mechanism' at local level to resolve		Failure to deliver requirements of PPS17 would impact on quality of life for residents.	All		N/A	2011-2025		CS13	
Need	Open Spaces	Natural Open Spaces	Enhancement of Watling Chase Community Forest (any plans?)	Herfordshire CC, NW Green Arc team (Bucks CC), LBB	? ?		Failure to improve environment and access to Watling Chase (cross-boundary) Community Forest will affect that value and quality of life benefit to residents from the Green Belt	West	N/A		2011-2025		CS7	
Delivery	Open Spaces	Natural Open Spaces	Improvements to Tottenham Fields - Are there any plans?	London Wildlife Trust				Northeast	N/A	N/A	2011-2015		CS7	
Delivery	Open Spaces	Natural Open Spaces	Creation of new 'River Brent Nature Park'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 1)			West	Brent Cross Cricklewood	1	2011-2015		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Open Spaces	Natural Open Spaces	Enhancement of existing 'Scout Camp + Woods'	LBB, Developer Partners	Direct Provision: (developer obligation MHE Phase ?)			Southeast	AAP: Mill Hill East		2016-2020		CS7	
Delivery	Open Spaces	Natural Open Spaces	Creation of new 'Cliffhouse Stream Nature Park'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood	2	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Open Spaces	Natural Open Spaces	Weish Harp Ecological Buffer Zone	Baratt's, LBB	Direct Provision: (developer obligation West Hendon Estate phase ?)	TBC	Weish Harp SSSI would be placed at risk by development if not properly protected	West	West Hendon Estate	?	2016-2020	Necessary	CS7	West Hendon Estate Planning Application (ref. W13937/04)
Delivery	Open Spaces	Natural Open Spaces	Creation of new 'Railway Lands Nature Park'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 5)			West	Brent Cross Cricklewood	5	2021-2025		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Open Spaces	Natural Open Spaces	Creation of new 'Northern Lands Nature Park'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 6)			West	Brent Cross Cricklewood	6	2021-2025		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Open Spaces	Parks	Reconstruction of 'Grahame Park Open Space' (1st phase)	Choices for Grahame Park, LBB	Completed		Poor maintenance of adopted open space leads to lack of sense of transformation for the existing community	West	AAP: Colindale		2006-2010		CS7	
Need	Open Spaces	Parks	Need for 4 District Parks to meet Mayors minimum standard	None	Requires 'design-led mechanism' at local level to resolve		Failure to deliver requirements of PPS17 would impact on quality of life for residents.	All			2011-2025		CS7	
Need	Open Spaces	Parks	Need for 29 Local Parks to meet Mayors minimum standard	None	Requires 'design-led mechanism' at local level to resolve		Failure to deliver requirements of PPS17 would impact on quality of life for residents.	All			2011-2025		CS7	
Need	Open Spaces	Parks	NW London Regional Park Creation	DfL, Mayor of London, LBB	Requires 'design-led mechanism' at local level to resolve		Failure to create new open spaces and linkages between would lead to the loss of the opportunity to profile Barnet as having a 'regional park'	All	N/A		2011-2025		CS7	
Delivery	Open Spaces	Parks	Creation of new 'Panoramic Park'	LBB, Developer Partners	Direct Provision: (developer obligation MHE Phase ?)			Southeast	AAP: Mill Hill East		2011-2015		CS7	
Delivery	Open Spaces	Parks	Creation of new 'Officers Mess Public Gardens'	LBB, Developer Partners	Direct Provision: (developer obligation MHE Phase ?)			Southeast	AAP: Mill Hill East		2011-2015		CS7	
Delivery	Open Spaces	Parks	Estate Management of parks, paths, roads & squares (maintenance)	Developer Partners	Local residents trust / local authority			Southeast	AAP: Mill Hill East		2011-2015		CS7	
Delivery	Open Spaces	Parks	Creation of new Finchley Memorial Hospital Park	LBB, NHS Barnet	Direct Provision (developer obligation Finchley Memorial Hospital)	[Costed under Finchley Memorial Hospital]	Failure to improve quality of patient experience and local lifestyles as well as breach to Covenants on the land	Southeast			2011-2015	Critical	CS7	Planning Application (ref.)
Delivery	Open Spaces	Parks	Reconstruction of 'Cliffhouse Fields as Destination Park (pt 1)	BXC Partners, LBB	Direct Provision: (developer obligation BXC Phase 1)			West	Brent Cross Cricklewood	1	2011-2015		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)

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Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (if/when applicable)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Delivery	Open Spaces	Parks	Creation of new 'Eastern Brent Riverside Park' (pt 1)	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 1)			West	Brent Cross Cricklewood	1	2011-2015		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Parks	Improvement to existing 'Claremont Park'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood	1	2011-2015		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Parks	'Cliffhouse Playing Fields Plaza Gateway'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood		2011-2015		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Parks	Estate Management of parks, paths, roads & squares (maintenance)	BXC Partners	Estate management company	[Is this item relevant?]		West	Brent Cross Cricklewood		2011-2015		CS2 & CS7	
Need	Open Spaces	Parks	Strategic Colindale Plan for holistic park and open spaces delivery	Developers, LBB	Developer obligation (Colindale Hospital)	£15,000	Improvements in colindale do not deliver a joined-up mix of provision for all needs	West	AAP: Colindale	1	2016-2020	Necessary	CS7	Colindale Hospital Planning Application (ref. H/00342/09)
Delivery	Open Spaces	Parks	Bridge access link from Colindale Hospital Site into Montrose Park	Fairview, LBB	Developer Contributions	£173,000	Lack of access to Montrose Park for walkers and cyclists	West	AAP: Colindale		2011-2015		CS7	Colindale Hospital Planning Application (ref. H/00342/09)
Delivery	Open Spaces	Parks	Improvements to Rushgrove Park	Developers, LBB	Developer Contributions	[Unknown]	Poorer quality park facility and local environment	West	AAP: Colindale		2011-2015		CS7	
Delivery	Open Spaces	Parks	Improvements to Colindale Park	Developers, LBB	Developer Contributions	£23,000	Poorer quality park facility and local environment	West	AAP: Colindale		2011-2015		CS7	
Delivery	Open Spaces	Parks	Improvements to SilkStream environment	Developers, LBB	Developer Contributions	[Unknown]	Poorer quality park facility particularly for the target groups of children and elderly	West	AAP: Colindale		2011-2015		CS7	
Delivery	Open Spaces	Parks	Improvements to Montrose Park environment	Fairview, LBB	Developer Contributions	£133,722	Poorer quality park facility and displacement of young adults into areas used by children	West	AAP: Colindale		2011-2015		CS7	Colindale Hospital Planning Application (ref. H/00342/09)
Delivery	Open Spaces	Parks	Improvements to Greenbelt to encourage increased usage	Developers, LBB	Developer Contributions			Northeast	Dollis Valley Estate		2016-2020		CS7	
Delivery	Open Spaces	Parks	Creation of new 'Central Community Park'	LBB, Developer Partners	Direct Provision: (developer obligation MHE Phase 2)			Southeast	AAP: Mill Hill East		2016-2020		CS7	
Delivery	Open Spaces	Parks	Creation of new 'Eastern Park'	LBB, Developer Partners	Direct Provision: (developer obligation MHE Phase 2)			Southeast	AAP: Mill Hill East		2016-2020		CS7	
Delivery	Open Spaces	Parks	Reconstruction of 'York Park'	Baratt's, LBB	Direct Provision: (developer obligation West Hendon Estate phase 2)	TBC	Development would lead to a poor local environment if the park is not re-landscaped	West	West Hendon Estate	?	2016-2020	Necessary	CS7	West Hendon Estate Planning Application (ref. W13937/04)
Delivery	Open Spaces	Parks	Creation of new 'Aerodrome Park'	Developers, LBB	Direct Provision: (developer obligation Peel Centre East)	[Unknown]		West	AAP: Colindale		2016-2020		CS7	
Delivery	Open Spaces	Parks	Reconstruction of 'Grahame Park Open Space' (2nd phase)	Choices for Grahame Park, LBB	Direct Provision (developer obligation Grahame PK Estate)	?	Lack of local outdoor space & sense of transformation accompanying new buildings	West	AAP: Colindale		2016-2020		CS7	Grahame Park Planning Application (ref. W01731/JS/04)
Delivery	Open Spaces	Parks	Improvements to 'Bittacy Hill Park'	LBB, Developer Partners	Direct Provision: (developer obligation MHE Phase 2)			Southeast	AAP: Mill Hill East		2016-2020		CS7	
Delivery	Open Spaces	Parks	Improvement to existing 'Sutgers Park'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood	2	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Parks	Reconstruction of 'Cliffhouse Fields as Destination Park' (pt 2)	BXC Partners, LBB	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood	2	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Parks	Creation of new 'Central Brent Riverside Park' (pt 2)	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood	2	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)

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Delivery	Open Spaces	Parks	Creation of new 'Western Brent Riverside Park' (pt 3)	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 3)			West	Brent Cross Cricklewood	3	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Parks	Creation of new 'Millennium Green Park'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 4)			West	Brent Cross Cricklewood	4	2021-2025		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Parks	Creation of new 'Brent Terrace Park'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 5)			West	Brent Cross Cricklewood	5	2021-2025		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Parks	Creation of new 'Office District Park'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 7)	TBC		West	Brent Cross Cricklewood		2021-2025		CS2 & CS7	
Delivery	Open Spaces	Parks	Creation of new 'Southern Park'	Choices for Grahame Parks, LBB	Direct Provision: (developer obligation Grahame PK Estate)		Lack of local outdoor space & sense of transforming accompanying new buildings	West	AAP: Colindale		2021-2025		CS7	Grahame Park Planning Application (ref. W01731JS/04)
Delivery	Open Spaces	Parks	Creation of new 'Northern Park'	Choices for Grahame Park, LBB	Direct Provision: (developer obligation Grahame PK Estate)		Lack of local outdoor space & sense of transforming accompanying new buildings	West	AAP: Colindale		2021-2025		CS7	Grahame Park Planning Application (ref. W01731JS/04)
Need	Open Spaces	Green Chains	Identified need for green links for people & wildlife in growth areas				Failure to deliver green links at the time of planning will lead to poorer quality environments				2011-2025			
Delivery	Open Spaces	Green Chains	Creation of 'Brent Terrace Green Corridor'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 1)			West	Brent Cross Cricklewood	1	2011-2015		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Green Chains	Creation of 'Clitterhouse Playing Fields Green Corridor' (x1 - GC4)	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 7)	TBC		West	Brent Cross Cricklewood		2011-2015		CS2 & CS7	
Delivery	Open Spaces	Green Chains	Creation of 'School Green Corridor'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 7)	TBC		West	Brent Cross Cricklewood		2011-2015		CS2 & CS7	
Delivery	Open Spaces	Green Chains	Eastern Park (pt 1)	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood	2	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Green Chains	Creation of 'Eastern Lands Green Corridor 1'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood	2	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Green Chains	Eastern Park (pt 2)	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 3)			West	Brent Cross Cricklewood	3	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Green Chains	Creation of 'Eastern Lands Green Corridor 2'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 3)			West	Brent Cross Cricklewood	3	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draht/WIP - 08/06/09)
Delivery	Open Spaces	Green Chains	Creation of 'Clitterhouse Playing Fields Green Corridor' (x2 - GC3 & 5)	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 7)	TBC		West	Brent Cross Cricklewood		2016-2020		CS2 & CS7	
Delivery	Open Spaces	Green Chains	Creation of 'North Circular Green Corridor'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 7)	TBC		West	Brent Cross Cricklewood		2016-2020		CS2 & CS7	
Delivery	Open Spaces	Green Chains	Creation of 'New Green Axis' between estate & ecological buffer zone. Freeing up of under-used plots to be passed on to others	Baratt's, LBB	Direct Provision: (developer obligation West Hendon Estate phase 7)	TBC	Wildlife movement to and from the SSSI will be affected if corridors aren't delivered	West	West Hendon Estate	?	2016-2020	Necessary	CS7	West Hendon Estate Planning Application (ref. W13937/04)
Delivery	Open Spaces	Allotments	Greenspaces Policy - (ongoing)	LBB	Greenspaces Policy - (ongoing)	£0	Increased lengths of waiting lists and overall attractiveness of public allotments	All	N/A		2006-2010	Preferred	?	Information from Greenspaces Staff (July 2010)
Need	Open Spaces	Allotments	Access to allotment facilities requires more strategic thinking				Failure to plan and manage need for allotment spaces could lead to suitable sites being identified for other uses							
Delivery	Open Spaces	Allotments	Montrose Park allotments	Fairview, LBB	Developer Contributions	£25,000	Poorer quality environment and attractiveness of allotments	West	AAP: Colindale		2011-2015	Necessary	?	Colindale Hospital Planning Application (ref. H/00342/09)

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Need	Open Spaces	Hard Landscaping	Urban environments require high quality public areas to become successful & safe through high usage				Failure to deliver new urban spaces, particularly at transport interchanges will reduce the usage of the space & overall level of success.				2011-2025			
Delivery	Open Spaces	Hard Landscaping	Creation of new 'MHE Station Public Square'	LBB, Developer Partners	Direct Provision: (developer obligation MHE Phase 2)			Southeast	AAP: Mill Hill East		2016-2020		CS7	
Delivery	Open Spaces	Hard Landscaping	Creation of new 'Market Square'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 1)			West	Brent Cross Cricklewood	1	2011-2015		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Open Spaces	Hard Landscaping	Creation of new 'Brent Cross Main Square'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 1)			West	Brent Cross Cricklewood	1	2011-2015		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Open Spaces	Hard Landscaping	Creation of new 'Cricklewood Station Square'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)	TBC		West	Brent Cross Cricklewood		2011-2015		CS2 & CS7	
Delivery	Open Spaces	Hard Landscaping	Colindale Tube Piazza	Fairview, LBB	Direct Provision: (developer obligation: Colindale Hospital)	£2,800,000	Insufficient space at this key gateway, plus poor quality public realm and interchange	West	AAP: Colindale		2011-2015		CS7	Colindale Hospital Planning Applications (ref. H/00342/09 and H/00343/09)
Delivery	Open Spaces	Hard Landscaping	Creation of new 'hospital historic building square'	Fairview, LBB	Direct Provision: (developer obligation Colindale Hospital)		Inappropriate setting for listed building if overcrowded by neighbouring dense buildings	West	AAP: Colindale		2011-2015		CS7	Colindale Hospital Planning Application (ref. H/00342/09 and H/00343/09)
Delivery	Open Spaces	Hard Landscaping	Homezone gathering spaces / square	Developers, LBB	Direct Provision: (developer obligation Dolis Valley Estate)			Northeast	Dollis Valley Estate		2016-2020		CS7	
Delivery	Open Spaces	Hard Landscaping	Creation of new informal squares	Developers, LBB	Direct Provision: (developer obligation NLBP)			Northeast	NLBP		2016-2020		CS7	
Delivery	Open Spaces	Hard Landscaping	Creation of new 'School / Whitefield Square'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood	2	2016-2020		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Open Spaces	Hard Landscaping	Creation of new 'Brent Cross LUL Square'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)	TBC		West	Brent Cross Cricklewood		2016-2020		CS2 & CS7	
Delivery	Open Spaces	Hard Landscaping	2 Bridge linkages from Silkstream to Welsh Harp Ecological Zone	Baratt's, LBB	Direct Provision: (developer obligation West Hendon Estate phase 2)	TBC	Lack of access to surrounding parks and recreation spaces would maintain a sense of isolation in the area.	West	West Hendon Estate	?	2016-2020	Necessary	CS7	West Hendon Estate Planning Application (ref. W13937/04)
Delivery	Open Spaces	Hard Landscaping	Creation of new square	Baratt's, LBB	Direct Provision: (developer obligation West Hendon)	TBC	Lack of a central focus will maintain the estate mentality not provide a community hub	West	West Hendon Estate	?	2016-2020	Necessary	CS7	West Hendon Estate Planning Application (ref. W13937/04)
Delivery	Open Spaces	Natural Open Spaces	Ecology Improvements to Edgwarebury Park	Developers, LBB	Direct Provision: (developer obligation Stonegrove Estate)	£20,000	Loss of wildlife spaces in the development area to more managed and intensified uses	West	Stonegrove and Spur Road Estate		2016-2020	Necessary	CS7	Stonegrove and Spur Road Planning Application (ref. W13582E/07)
Delivery	Open Spaces	Hard Landscaping	Community Square	Developers, LBB	Direct Provision: (developer obligation Stonegrove Estate)	[Unknown - costed within external works budget]	Lack of a local outdoor social space as well as poor setting for the new community hub	West	Stonegrove and Spur Road Estate		2016-2020	Critical	CS7	Stonegrove and Spur Road Planning Application (ref. W13582E/07)
Delivery	Open Spaces	Hard Landscaping	Creation of new 'Gas Governor Square'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 4)			West	Brent Cross Cricklewood	4	2021-2025		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
Delivery	Open Spaces	Hard Landscaping	Creation of new 'Community Square'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 2)	TBC		West	Brent Cross Cricklewood		2021-2025		CS2 & CS7	
Delivery	Open Spaces	Hard Landscaping	Creation of new 'Tower Square'	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 7)			West	Brent Cross Cricklewood	7	2021-2025		CS2 & CS7	BXC - Project Investment, Detailed Schedule (Draft/WIP - 08/06/09)
	BIO-DIVERSITY	BIO-DIVERSITY	The Biodiversity Assessment and Strategy Information needs to be integrated in strategic plans for the management and enhancement of open spaces in Barnet.											

Green Infrastructure

Need or Delivery	Primary Category	Secondary Category	Item	Delivery Partners	Delivery Mechanism	Cost (if/when estimate)	Risks / Contingency	Area (West, Northeast, Southeast)	Sub Area	Phase	Period (2006-2010, 2011-2015, 2016-2020)	Priority (Critical, Necessary, Preferred)	Core Strategy Policy Source	Data Source
Need	Biodiversity	Wildlife	There is a need to address issues raised in the Council's biodiversity strategy required as part of the Core Strategy				Loss of species to the area is a risk if sufficient steps aren't taken to improve the habitats and therefore life chances of the existing and migratory wildlife				2011-2025			
Delivery	Biodiversity	Wildlife	Creation of buffer spaces to sustain protected species	Developers, LBB	Direct Provision: (developer obligation (NLBP))			West	NLBP		2016-2020		CS7	River Restoration Centre website - http://www.therrc.co.uk/lrap_zoom.php?c=3
Delivery	Biodiversity	Wildlife	Silk Stream - Toeboard Removal around Burnt Oak / Colindale	The River Restoration Centre	Proposed but unfunded project	[TBC]	Loss of opportunity to improve riverine habitat and promote biodiversity	West	N/A	N/A	2016-2020	Preferred	CS7	River Restoration Centre website - http://www.therrc.co.uk/lrap_zoom.php?c=3
Delivery	Biodiversity	Other	Rowley Green Management Plan										CS7	
Delivery	Biodiversity	Other	Edgwarebury Park Management Plan										CS7	
Delivery	Biodiversity	Other	Weish Harp Management Plan										CS7	
BROWNFIELD LAND REUSE	BROWNFIELD LAND REUSE		This allows for the detailed cost implications of reusing former industrial lands to be accounted for within the infrastructure delivery needs. Failure to account for these costs would make some schemes unviable and lead to development focusing on greenfield land, or inappropriate reuse of existing land used for housing / community facilities.											
Delivery	Open Spaces	Green Chains	Brent Cross South East Landscape Buffer	LBB, BXC Partners	Direct Provision: (developer obligation BXC Phase 1)			West	Brent Cross Cricklewood	1	2011-2015		CS2	BXC - Project Investment, Detailed Schedule (Dratt/WIP - 08/06/09)
Delivery	Brownfield Land Reuse	Remediation	BXC South Earthworks and Remediation	Cricklewood Regeneration Limited	Direct Provision: (developer obligation BXC Phase 1)			West	Brent Cross Cricklewood	1	2011-2015		CS2	BXC - Project Investment, Detailed Schedule (Dratt/WIP - 08/06/09)
Delivery	Brownfield Land Reuse	Remediation	BXC South Earthworks and Remediation	Cricklewood Regeneration Limited	Direct Provision: (developer obligation BXC Phase 2)			West	Brent Cross Cricklewood	2	2016-2020		CS2	BXC - Project Investment, Detailed Schedule (Dratt/WIP - 08/06/09)
Delivery	Brownfield Land Reuse	Remediation	BXC South Earthworks and Remediation	Cricklewood Regeneration Limited	Direct Provision: (developer obligation BXC Phase 3)			West	Brent Cross Cricklewood	3	2016-2020		CS2	BXC - Project Investment, Detailed Schedule (Dratt/WIP - 08/06/09)
Delivery	Brownfield Land Reuse	Remediation	BXC South Earthworks and Remediation	Cricklewood Regeneration Limited	Direct Provision: (developer obligation BXC Phase 4)			West	Brent Cross Cricklewood	4	2021-2025		CS2	BXC - Project Investment, Detailed Schedule (Dratt/WIP - 08/06/09)
Delivery	Brownfield Land Reuse	Remediation	BXC South Earthworks and Remediation	Cricklewood Regeneration Limited	Direct Provision: (developer obligation BXC Phase 5)			West	Brent Cross Cricklewood	5	2021-2025		CS2	BXC - Project Investment, Detailed Schedule (Dratt/WIP - 08/06/09)
Delivery	Brownfield Land Reuse	Remediation	BXC South Earthworks and Remediation	Cricklewood Regeneration Limited	Direct Provision: (developer obligation BXC Phase 6)			West	Brent Cross Cricklewood	6	2021-2025		CS2	BXC - Project Investment, Detailed Schedule (Dratt/WIP - 08/06/09)