

LONDON BOROUGH OF HILLINGDON DRAFT INFRASTRUCTURE SCHEDULE
22 April 2010

SOCIAL AND COMMUNITY INFRASTRUCTURE								
Lead Development Agency	Scheme	Need for Scheme	Requirements of Scheme	Approximate Cost	Indicative Delivery/ Phasing	Funding Arrangements	Contingency Planning Required	Opportunities for other Organisations
Heath								
Hillingdon PCT	New centralised PCT facility in Yiewsley	Renew and improve existing PCT facilities	Identify site of approximately 2,500 sqm floor space & parking.	£6 million	Hillingdon Primary Care Trust / London Borough of Hillingdon/Private Sector	Hillingdon PCT	Alternative sites. Further discussions with LBH.	Hillingdon Hospital Trust
Hillingdon PCT	New centralised PCT facility in Hayes	To develop out of hospital services and improved access	New building of approximately 3,000 sqm	£9 million	Hillingdon Primary Care Trust / London Borough of Hillingdon/Private Sector	Hillingdon PCT	Alternative sites. Further discussions with LBH	Hillingdon Hospital Trust
Hillingdon Hospital Trust	Redevelopment of Hillingdon Hospital.	Improvements to acute healthcare provision in the borough	Outline consent obtained for demolition works at Hillingdon Hospital and the phased redevelopment of the site.	To be determined	To be determined. Planning application received to extend the timescale of the outline consent.	Hillingdon Hospital Trust Capital Programme.	To be determined	PCT.
Education, Learning and Youth Provision								
London Borough of Hillingdon – Education	Expansion of primary school estate	To accommodate recent 8% increase in birth rates and associated increase in school age population	Requirement for an additional 18 primary forms of entry across the borough.	£70 million	New facilities need to be in place by 2012	London Borough of Hillingdon / Section 106 / DCSF central gov't	Alternative siting options/ expansion of existing facilities	Partner organisations to be identified
London Borough of Hillingdon	Buildings Schools for the 21st Century (BS21), part of the wider Building Schools for the Future.	To modernise secondary school estate	Refurbishment and/or rebuilding of secondary and special schools in the borough	Approx £150m	2009-2018	London Borough of Hillingdon / Section 106 / DCSF central government	None	Opportunities for joint use of facilities
Uxbridge College	Expansion of Uxbridge College Uxbridge Campus	To accommodate 16.8% increase in student numbers at the Uxbridge campus and 6.4% increase at the Hayes site between 2007-2013	Planning application received for the development of new sports facilities, improved access arrangements, equivalent on-site parking and landscaping enhancements.	Undisclosed	Up to 2013	Self funded	The scheme has been adapted to be self funded. Further contingency unlikely.	Working in partnership with the Council
Brunel University	Completion of University Masterplan	To address the needs of existing students and provide updated facilities	Key outstanding project from the existing masterplan is the Eastern Gateway Business School, which is due for completion in 2012. A number of future projects are being considered for the next masterplanning period (2014-2021)	Expected annual spend of £13 million during the next masterplanning period	Current masterplanning period comes to an end in 2014. Production of new masterplan is currently being considered.	Self funded	Future masterplans will involve an appraisal of development options. Further discussions with LBH are required.	Partner organisations to be determined.
London Borough of Hillingdon	Improved Youth Centres	Continue to support access to youth facilities Enhance the overall youth offer Continue to develop services for young people	Development of three new youth centres at South Ruislip, Northwood and Hayes.	To be determined	To be determined	To be determined	To be determined	To be determined
Other Community Infrastructure								
Metropolitan Police	Need to review police facilities in the borough as part of the asset management process.	To provide more effective policing and to comply with Asset Management Strategy	As defined in the Asset Management Plan, additional neighbourhood bases and patrol bases to serve new development Need for additional custody and patrol base facilities.	Undisclosed	Undisclosed	Undisclosed	Undisclosed	Undisclosed
London Fire Service	Plans to redevelop two sites in the Borough	Maintain the provision of fire services in Hillingdon	Redevelopment of two stations in the borough	Undisclosed	Undisclosed	Undisclosed	Undisclosed	Undisclosed
London Borough of Hillingdon	Places of Worship	Development of appropriate locations for places of worship in response to population growth,	Appropriate locations to be identified and developed in accordance with LDF policy.	To be determined	To be determined	To be determined	To be determined	To be determined
London Borough of Hillingdon and Partner Organisations	Affordable Housing	Housing Needs in Hillingdon	Development of Affordable Housing on a number of key sites and its delivery through S106 contributions	Undisclosed	Undisclosed	Direct RSL funding, central government and S106 contributions	Alternative sites	Hillingdon Homes, RSLs and central government agencies.

NOTE: The projects, programmes and schemes in this schedule have been identified through discussion with and the investigation of key documents from infrastructure providers. Many of the projects, programmes or schemes will require further approval, either from the London Borough of Hillingdon or other statutory bodies. Inclusion of a project, programme or scheme in this schedule does not constitute an indication that such approval will be granted, either in principal or otherwise.

LONDON BOROUGH OF HILLINGDON DRAFT INFRASTRUCTURE SCHEDULE
22 April 2010

PHYSICAL INFRASTRUCTURE								
Lead Delivery Agency	Scheme	Need for Scheme	Requirements of Scheme	Approximate Cost	Indicative Delivery/ Phasing	Funding Arrangements	Contingency Planning Required	Opportunities for other organisations
Energy, Utilities and Waste								
National Grid	Upgrades to North Hyde and Iver electricity sub-stations	To accommodate anticipated demand, as identified in National Grid's Seven Year Statement.	Exact nature and specification of the work has not yet been defined.	Undisclosed	Identified to take place in the next 7 years	Undisclosed	Undisclosed	Undisclosed
Scottish and Southern Electricity	Diversion or alteration of electricity distribution infrastructure for new development. New and / or reinforced electricity infrastructure.	Facilitate new development and provide new or increased supplies	As required by the site	Cost of Primary substation = £4 million Cost of Distribution substation = £50,000	One year or less for low voltage and most 11kV work. Typically two years for 33kV work. Up to five year for 66kV and 132kV work.	Normally funded by developer	Undisclosed	Most new connections work is 'contestable' and can be completed by others.
Thames Water	Mogden STW improvements	To improve water quality	N.A – site located in London Borough of Hounslow	Undisclosed	By 2012	Thames Water	Undisclosed	Undisclosed
Thames Water	Improvements to the Colne Valley Trunk, Crane Valley Trunk and Bath Road Trunk	Additional capacity may be required to address growth in the south of borough, particularly in the Bath Road employment area.	Dependant on level of growth	Dependant on nature of works	Improvements will be undertaken as required	Funded through developer contributions and Thames Water Capital Programme	Undisclosed	Undisclosed
Three Valleys Water	Various projects	To protect drinking water supplies over the period of the Core Strategy.	A range of demand and supply measures inside and outside Hillingdon. Proposals include the development of Abingdon Reservoir and a programme of investment to minimise leakage.	£18 million to be invested in leakage prevention.	Up to 2031.	Projects administered through TVW's capital programme.	A range of measures are being considered to protect supplies.	A range of organisations including OFWAT and LBH.
West London Waste Partnership	Development of an appropriate number of waste management facilities in Hillingdon and the west London region.	To ensure the sustainable management of waste in Hillingdon over the period of the Core Strategy.	To be determined through the development of the West London Waste Plan.	To be determined	Up to 2026	To be determined	Safeguarding appropriate sites for waste management facilities.	Other West London partners.
Transport and Connectivity								
DFT/ Crossrail	Crossrail	To improve public transport access across London	New station facilities at West Drayton and Yiewsley Bridges and viaducts. Track works and electrification will also take place.	Approximate overall cost of £12 billion Cost in LBH to be determined	2015-2017	DFT/Crossrail/ Mayor of London/TfL/ s106	Need to consider growth options for Hayes/West Drayton Corridor without Crossrail.	LBH is currently being consulted on Crossrail works.
London Borough of Hillingdon	Upgrade works to Hayes Station	To improve station setting and appearance.	Relocation of station ticket office	Safeguarded S106 funding + Crossrail funding	Before 2015	Section 106 funding	Alternative station layout to accommodate Crossrail	Crossrail, Network Rail, First Great Western
London Borough of Hillingdon	Maintenance of existing highway network	To maintain the existing highway network	Programme of prioritised improvements for borough wide highway network.	Budget to be determined	2010-2011. Further maintenance programmes will come forward on an annual basis over the period of the Core Strategy.	Schemes funded by the Council	Alternative improvement schemes to be considered	To be determined
London Borough of Hillingdon	'Area Based' schemes to be implemented through the LIP programme.	LBH LIP has been developed to respond to the requirements of the Mayor's Transport Strategy. Projects reflect different local needs.	Requirements and nature of LIP schemes will vary.	£4 million to be split between approximately 40 projects	2010-2011. Further projects will come forward from subsequent LIPS over the period of the Core Strategy.	TfL	Funding for LIP projects has already been identified.	Partner organisations will be depend on the nature of individual projects.
London Borough of Hillingdon	Transportation improvements in Yiewsley/West Drayton	Need to address various transport issues in Yiewsley/ West Drayton High Street.	Comprehensive programme of improvements to address footway, cycle routes, parking issues transport congestion, bus flow and other aspects of transport provision.	£2.4 million	3 year programme	TfL	Funding is secure so no contingency required.	TfL
London Borough of Hillingdon	The Core Strategy key diagram proposes improved transport interchanges at Hayes, West Drayton, Uxbridge and West Ruislip.	To encourage public transport usage and accessibility	Exact nature of the scheme is still to be determined but is likely to include a revised bus interchange in Uxbridge.	To be determined	2011-2026	Funding sources to be identified with TfL	LBH considers this to be the most appropriate solution but alternatives to be investigated.	TfL, GLA and other local groups
London Borough of Hillingdon	Core Strategy proposes improved north/south public transport links	The improve accessibility from the north of the borough to employment areas in the south.	Indicative routes for 'Fastbus' identified on Core Strategy Key Diagram. Detailed development required.	To be determined	2011-2026	Funding sources to be identified with TfL.	Alternative strategies will be required if proposed routes do not receive funding.	TfL, GLA and other partner organisations

NOTE: The projects, programmes and schemes in this schedule have been identified through discussion with and the investigation of key documents from infrastructure providers. Many of the projects, programmes or schemes will require further approval, either from the London Borough of Hillingdon or other statutory bodies. Inclusion of a project, programme or scheme in this schedule does not constitute an indication that such approval will be granted, either in principal or otherwise.

LONDON BOROUGH OF HILLINGDON DRAFT INFRASTRUCTURE SCHEDULE
22 April 2010

Highways Agency	Managed Motorways	To address congestion on the M4	Hard shoulder running between junctions 3-12 on the M4	£6 billion for entire work programme. LBH cost not determined.	By 2015	Department of Transport/Highways Agency	Undisclosed	To be determined
Transport for London	TfL schemes to be determined through developer-led contributions	Maintenance of TfL Network	Minor works to Bath Road Car Park	£25,000	Coming financial year	To be funded through developer-led contributions	Undisclosed	Developer funding improvements would be involved in the scheme.
Transport for London	TfL Road Renewal Programme	To maintain TfL's road network	Programme of works to maintain the TLRN, including resurfacing and footway works.	Approximately £4.5 million	Three year programme of works	TfL	Undisclosed	Undisclosed
Transport for London	Signals Works	To ensure the smooth running of TLRN	Programme of signalisation works.	Undisclosed	Financial year 2009/10	Work to be funded by a number of organisations, including developers, LBH and Highways Agency	Undisclosed	Undisclosed
Transport for London/London Borough of Hillingdon	Improved London Underground links to central London	To reduce journey time to and from central London	Improved Metropolitan Line services. Proposals are still at pre-conception stage.	To be determined	2011-2026	Funding sources to be identified through discussion with TfL	None	To be determined
GLA/Transport for London	Cycle Super-Highway	To improve cycle connections in London	'Cycle Superhighways' are proposed in the Replacement London Plan (2009) and will provide direct routes into central London from outer London. The first two routes open in Summer 2010 with ten more being introduced by 2015.	To be determined	2015	TfL	Detailed routes to be considered	Local partnerships to be determined
PHYSICAL INFRASTRUCTURE: BAA								
Lead Delivery Agency	Scheme	Need for Scheme	Requirements of Scheme	Approximate Cost	Indicative Delivery/ Phasing	Funding Arrangements	Contingency Planning Required	Opportunities for other organisations
BAA	Eastern Apron redevelopment	Improved airfield operations	Improved aircraft stands	£232 million	Work undertaken between 2009-2013	BAA	To be determined	None
BAA	Eastern Campus energy and infrastructure	Improved environmental performance	Power, heating and cooling infrastructure	£68 million	June 2011	BAA	To be determined	None
BAA	MSCP East and Forecourt	Need to improve infrastructure adjacent to Terminal 2.	Works to access roads and forecourt area	£135 million	Delivery July 2014	BAA	To be determined	None
BAA	Construction of new satellite pier	Improved operational efficiency	Construction of new satellite pier	£512 million	June 2013	BAA	To be determined	None
BAA	Terminal 2A	Operational efficiency	Provision of replacement terminal building, and associated infrastructure	£1.14 billion	June 2013	BAA	To be determined	None
BAA	Terminal 4 check in	Improved check-in times	Refurbishment and extension of check-in	£92 million	August 2013	BAA	To be determined	None
BAA	Improvements to Terminal 5 baggage system	Reduce number of lost bags	Links between T5-T3-T1 baggage system	£256 million	January 2012	BAA	To be determined	None
BAA	T1-T4 tunnel refurbishment	Existing facilities require upgrade	Refurbishment of baggage connection between T1 –T4	£9 million	March 2009	BAA	To be determined	None
BAA	Cargo tunnel refurbishment	Maintain safe cargo link		£3 million	June 2010	BAA	To be determined	None
BAA	Jetty works	Minimise connection times between jetties	Refurbished cargo jetties	£5 million	March 2013	BAA	To be determined	None
BAA	Taxiway improvements	Airfield Safety	Rebuild areas of the existing airfield	£16 million	December 2009	BAA	To be determined	None
BAA	London underground station refurbishment	Increased passenger flow	Refurbishment	£17 million	July 2014	BAA	To be determined	None
BAA	New aircraft hangar	Efficient use of land in airport boundary	Diversion of internal roads, relocation of facilities	£28 million	March 2013	BAA	To be determined	None
BAA	Other capital programme works			Cost and time not scheduled	Dates not scheduled	BAA	To be determined	None

NOTE: The projects, programmes and schemes in this schedule have been identified through discussion with and the investigation of key documents from infrastructure providers. Many of the projects, programmes or schemes will require further approval, either from the London Borough of Hillingdon or other statutory bodies. Inclusion of a project, programme or scheme in this schedule does not constitute an indication that such approval will be granted, either in principal or otherwise.

LONDON BOROUGH OF HILLINGDON DRAFT INFRASTRUCTURE SCHEDULE
22 April 2010

GREEN INFRASTRUCTURE								
Lead Delivery Agency	Scheme	Need for Scheme	Requirements of Scheme	Approximate Cost	Indicative Delivery/ Phasing	Funding Arrangements	Contingency Planning Required	Opportunities for other organisations
Leisure, Recreation and Green Space								
British Waterways	Off-line residential mooring scheme above Station Road bridge in Hayes	Permanent presence on water to discourage area's anti-social behaviour issues and to help meet large demand for moorings	Waterway wall works and infrastructure	£200,000-400,000 more design needed and in progress	2010-2011	Contributions from British Waterways, LBH and Section 106 contributions	Undisclosed	LBH and TfL
British Waterways	Water passenger transport service	To improve public transport access and promote leisure/tourism use of waterway.	Details of scheme to be discussed with British Waterways.	Not yet determined	Not yet determined	Contributions from British Waterways, TfL, Section 106 contributions	Undisclosed	LBH and TfL
British Waterways	Waterway wall repairs at Ironbridge Narrows, adjacent to Stockley Park	Repair to waterway walls to ensure fit for purpose and not a risk to passing craft/ closing navigation.	Scoping of works required, feasibility of possible options for repairs, design and implementation	£200,000	2009-2010	British Waterways	Emergency works	Undisclosed
London Borough of Hillingdon	Ruislip Woods Management Plan	To manage Hillingdon's only National Nature Reserve	Outlined in the Ruislip Woods Management Plan	To be determined	Current Plan (2003-2008) has been rolled forward to this year. New plan is being produced.	London Borough of Hillingdon/Forestry Commission	None	Forestry Commission
London Borough of Hillingdon	Improving the quality of open space provision	To increase the number of high quality open spaces in the borough.	Obtain 13 additional Green Flag designations.	Unknown until the development of the revised Open Space Strategy (OSS).	To be determined by the emerging OSS	LBH and partner organisations	None	Partner organisations to be identified.
Environment Agency	Arklyne Kennels Project	To prevent overtopping of Bingley Ditch and flooding of properties between Colne/Wraysbury.	Details of the scheme to be discussed with the Environment Agency	Undisclosed	Undisclosed	Undisclosed	Undisclosed	British Waterways
London Borough of Hillingdon	Upgrade of Hillingdon Sports and Leisure Centre	Improved Leisure Facilities	Two phased developments: Phase 1: Athletics stadium, pavilion and astro-turf pitches. Phase 2: 50 metre pool, indoor sports hall, mixed use sports centre	Total cost of Phase 1 and 2 (Approximately £32 million)	Phase 1 completed May 2006 Phase 2 completed	Funded through LBH Capital programme + input from external partners London Development Agency: 0.25 million Sport England: £1.5 million Heritage and Lottery Funding: £0.9 million Football Foundation: £500,000	None, funding already in place	LBH, Sport England
London Borough of Hillingdon	Botwell Green Sports and Leisure Centre	Improved Leisure Facilities	Replacement for Hayes Pool and Sports Hall. Facilities include: 25 metre Pool Sports Hall Gym Centre Outdoor Astro-turf Pitch 2x multi-use games area Health and Fitness Replacement of Hayes Library	£18 million	Completion January 2010	LBH Capital Programme	None, funding already in place	LBH, Sport England
London Borough of Hillingdon	Libraries Refurbishment Plan	To upgrade all library facilities in Hillingdon	8 refurbishments completed. Further conversions and new builds are under consideration.	To be determined	Further refurbishment projects in 2010/11 are under consideration.	Rollout of Libraries refurbishment and new build capital programme	None, funding already in place	Partnerships to be formed with key organisations
London Borough of Hillingdon	Upgrade of sports and leisure facilities in Hillingdon	Longer term aspirations for improved leisure facilities in Hillingdon.	To be determined	To be determined	These programmes are longer term and look beyond the current Core Strategy	Some programmes already have funding in place. Others are TBC	To be determined	Partnerships formed with key organisations
London Borough of Hillingdon	Improved children's play areas	To continue to provide for the needs of Hillingdon's children.	Phased development of 22 new children's play areas.	To be determined	Areas will be delivered in two batches of 11. First phase to be delivered by spring 2010, second phase to be delivered by March 2011.	Funding agreed	None required	Partnerships already formed with key organisations through Hillingdon sport and leisure.

NOTE: The projects, programmes and schemes in this schedule have been identified through discussion with and the investigation of key documents from infrastructure providers. Many of the projects, programmes or schemes will require further approval, either from the London Borough of Hillingdon or other statutory bodies. Inclusion of a project, programme or scheme in this schedule does not constitute an indication that such approval will be granted, either in principal or otherwise.