

London Borough of Waltham Forest – Infrastructure Delivery Schedule (January 2019)

Total Cost	Maximum estimate	£1,369,677,604
	Minimum estimate	£1,336,378,604

Committed Funding	£413,726,890
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Funding Gap	Maximum estimate	£943,812,863
	Minimum estimate	£869,063,862

Ref:	Infrastructure Requirement	Description	Policy/Evidence Base	Priority Status	Requirement Type	Timing	Lead Directorate	Minimum Costs £	Maximum Costs £	Committed Funding £	Committed Funding Source	Minimum Identified Funding Gap £	Maximum Identified Funding Gap £	Potential Funding Sources	Delivery Agents/Partners
1	Walthamstow Bus Station reconfiguration	Reconfigure bus station to facilitate easier bus drop off/collection without need for current drive through loop. Improve bus journey times. Improve passenger experience. Free up site for potential mixed use development and better integration with wider Town Centre.	Economic Growth Strategy 2016-2020 Transport Strategy 2018 Emerging Local Plan to 2033	Critical	Transport	Phased works commencing 2019. Overall strategy could take 10 years to build out. At concept stage – RIBA 0	Econ Growth (Regen)	40,000,000	40,000,000	15,000,000	TfL S.106 commitment to fund £15m on commencement of the Mall redevelopment	25,000,000	25,000,000	TfL Growth Fund LIP 2018/19, CIL	TfL/LUL
2	Leyton Underground Station:	Redeveloping the station to meet the growing demand and provide step free access	Economic Growth Strategy 2016-2020 Transport Strategy 2018 Emerging Local Plan to 2033	Critical	Transport	Subject to funding availability Concept design and feasibility work ongoing	Econ Growth (Regen)	19,600,000	19,600,000			19,600,000	19,600,000	TfL Step Free Programme CIL TfL Growth Fund	TfL/LUL
3	Lea Bridge Station Entrance Enhancements	New station entrance (as a stand-alone building), new mini public plaza.	Economic Growth Strategy 2016-2020 Transport Strategy 2018 Emerging Local Plan to 2033	Necessary	Transport	Delivery in 2023	Econ Growth (Regen)	5,000,000	5,000,000			5,000,000	5,000,000	Potential Capital receipt from land disposal TfL Growth Fund LIP 2018/19, CIL	LBWF Regeneration TfL Greater Anglia, Network Rail, GLA Development Partner (to be procured)
4	Ruckholt Road – New London Overground Station Proposal	Securing the opening of a new station on the line between Lea Bridge and Stratford to unlock the Leyton growth area	Economic Growth Strategy 2016-2020 Emerging Local Plan to 2033 Transport Strategy 2018	Preferred	Transport	Concept design and feasibility work ongoing	Econ Growth (Regen)	25,000,000	25,000,000			25,000,000	25,000,000	DfT New Stations Fund TfL Growth Fund LIP 2018/19 Land receipts, CIL	TfL
5	Blackhorse Road Station Improvements:	Ambience and public realm improvement project	Economic Growth Strategy 2016-2020. Blackhorse Lane Area Action Plan, 2015, Blackhorse Lane Place Shaping Guidance, 2016	Necessary	Transport	Works completing in July 2018	Econ Growth (Regen)	900,000	900,000	900,000	E800k GLA Housing Zone funding secured along with £100k from TfL	0	0	N/A	TfL
6	Greener Bus Network	Provision of new/enhanced bus routes to support new housing and developments.	Economic Growth Strategy 2016-2020, Transport Strategy 2018, Emerging Local Plan to 2033	Necessary	Transport	Individual routes subject to business case development and funding availability	Econ Growth (Regen)	0	0			0	0	LIP 2018/19, Potential funding from S.106 agreements, indicative	TfL, LBWF Regeneration
7	Station Gateways:	Introducing Place-Making and Access for All Schemes	Economic Growth Strategy 2016-2020, Transport Strategy 2018, Emerging Local Plan to 2033	Preferred	Transport	Subject to funding availability	Econ Growth (Regen)	10,000,000	10,000,000			10,000,000	10,000,000	TfL Step Free Programme, LIP 2018/19	TfL, LBWF Regeneration
8	Hall Farm Curve	Enabling track infrastructure to facilitate direct rail link from Chingford to Stratford	Economic Growth Strategy 2016-2020, Transport Strategy 2018, Emerging Local Plan to 2033	Preferred	Transport	Subject to funding availability	Econ Growth (Regen)	25,000,000	40,000,000			25,000,000	40,000,000	TfL Growth Fund, LIP 2018/19	LBWF Highways, TfL
9	Cycle Hubs adjacent Blackhorse Road Station	Provision of secure cycle storage for up to 300 spaces	Economic Growth Strategy 2016-2020, Transport Strategy 2018, Emerging Local Plan to 2033, LBWF Cycling Vision 2020	Necessary	Transport	Subject to funding availability	Econ Growth (Regen)	150,000	150,000			150,000	150,000	LIP 2018/19	TfL, Network Rail, Waltham Forest Cycle Campaign, Local business groups
10	Road Network Walthamstow Gyratory:	The gyratory scheme will improve the visual entrance to Walthamstow from the underground and bus station. The scheme will also improve safety and environmental conditions for road users, particularly pedestrians and cyclists. It will also deliver journey time savings for buses and enable bridge protection for the northbound bridge which will be converted into a new pedestrian space. By installing a new bridge between Selborne Road and First Avenue, it will allow traffic to move from the existing weak Victorian-era structure to the new bridge – avoiding costly future maintenance work that would require temporary closure of the gyratory.	Economic Growth Strategy 2016-2020, Transport Strategy 2018, Emerging Local Plan to 2033, Walthamstow Town Centre Area Action Plan	Critical	Transport	Works to be complete - Summer 2019	Econ Growth (Regen)	5,200,000	5,200,000	3,563,390	£3.3m secured from TfL and £263,390 in S.106 contributions	1,636,000	1,636,000	LIP 2018/19	LBWF Regeneration, LBWF Highways, TfL
11	Leyton Green Junction:	Improve public realm to create more accessible space for business/community benefit	Economic Growth Strategy 2016-2020, Transport Strategy 2018, Emerging Local Plan to 2033	Necessary	Transport	Subject to funding availability	Econ Growth (Regen)	1,200,000	1,200,000			1,200,000	1,200,000	LIP 2018/19, Potential S.106 and Capital receipts, subject to enabling development	LBWF Highways, LBWF Sustainable Transport
12	Electric Vehicle Charging Infrastructure Programme:	The Council is in the process of delivering 24 EV Charging points across the borough, to be delivered in 2018/19 which has been funded by £105k from the Go Ultra Low City Scheme with match funding from the Carbon Offset Fund and S.106. The next phase of the programme is to install a further 35 EV charge point at a range of locations across the borough – these are currently unfunded. Each EV costs approximately £15k.	Economic Growth Strategy 2016-2020, Transport Strategy 2018, Emerging EV Strategy, Emerging Local Plan 2018-2033	Preferred	Transport	Subject to funding availability	Neigh & Comm	525,000	525,000			525,000	525,000	LIP 2018/19	LBWF Highways, LBWF Sustainable Transport
13	Cycle Hanger Scheme:	The Borough currently offers 220 bike hangers offering 1320 secure cycle parking spaces. The Council currently has 2468 resident requests for further hangers across 529 streets. 191 streets have submitted 5 requests or more – these streets will be prioritised for delivery. This would address approximately 50% of known demand. Each hanger costs approx £2600.	Economic Growth Strategy 2016-2020, Transport Strategy 2018, Emerging EV Strategy, Emerging Local Plan	Preferred	Transport	Subject to funding availability	Neigh & Comm	496,000	496,000			496,000	496,000	LIP 2018/19	LBWF Highways, LB Hackney Highways
14	Standard Junction Highways Improvements	Improving the junction will help create a continuous route for pedestrians and cyclists on Forest Road and help traffic and buses flow smoothly through the area. Creating improved pedestrian footways and access to public transport, safer infrastructure for cyclists, and new landscaping will enable growth in the borough, and encourage people to spend more time outdoors	Economic Growth Strategy 2016-2020, Local Implementation Plan (LIP), Blackhorse Lane Area Action Plan, Local Highways Improvement Programme	Necessary	Highway	Expected in 2019	Econ Growth (Regen)	3,000,000	3,000,000	3,000,000	LIP funding - £2.25m and £750k from TfL	0	0	LIP 2018/19	LBWF Highways

15	Enjoy Waltham Forest Programme: Coppermill Extension/Liveable Neighbourhoods	Walking - Improvements will be required to encourage walking, reduce street clutter and improve links to businesses and local attractions. Cycle network - Improvements to the cycle network, including Cycle Superhighways, Quietways (GRID and non-GRID) and the Southwark Spine.	Economic Growth Strategy 2016-2020, Local Highways Improvement programme (Enjoy Waltham Forest)	Necessary	Highway	2019/20		2,000,000	2,000,000	2,000,000	TfL Livable Neighbourhoods Fund	0	0	N/A	LBWF Highways, London Legacy Development Corporation (LLDC)
16	Ruckholt Road/Eastway	Redesign of junction with Temple Mill Lane and extension of segregation onto Eastway/Homerton High Street (partnership with LB Hackney required)	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		500,000	500,000			500,000	500,000	LIP 2018/19, TfL	LBWF Highways, London Legacy Development Corporation (LLDC)
17	Leytonstone High Road:	Introduction of segregated cycle tracks along length of road (Green Man Roundabout to Cann Hall/Crownfield Road Junction)	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		8,000,000	8,000,000			8,000,000	8,000,000	LIP 2018/19, TfL	LBWF Highways
18	Cann Hall Road/Crownfield Road Corridor:	Introduction of improved conditions for cyclists including sections of segregation, bus stop bypass and increased priority to link to route to central London via Queen Elizabeth Olympic Park (QEOPK) and Victoria Park	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		750,000	750,000			750,000	750,000	LIP 2018/19	LBWF Highways
19	Temple Mill Lane (Northern Section)	Introduction of fully segregated cycle tracks into East Village (QEOPK) and connectivity into the park	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		950,000	950,000			950,000	950,000	LIP 2018/19	LBWF Highways
20	Markhouse Avenue/South Access Road Black Path:	Improvements to route (including potential cycle street) to provide enhanced link from Walthamstow to segregated route on Orient Way-Lea Bridge Road/Orient Way-Ruckholt Road and into Central London	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		450,000	450,000			450,000	450,000	LIP 2018/19	LBWF Highways
21	Whipps Cross Road	Introduction of segregated cycle tracks to link to Lea Bridge Road Super Highway and Leytonstone High Road	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		2,100,000	2,100,000			2,100,000	2,100,000	LIP 2018/19	LBWF Highways
22	Blackhorse Lane/Sutton Road:	Corridor improvements including bus stop bypasses, segregated space for cycling and junction improvements	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		1,500,000	1,500,000			1,500,000	1,500,000	LIP 2018/19	LBWF Highways
23	Bridge over Railway sidings on Orient Way	Remove barrier on route from Leyton to Hackney (via Leyton Jubilee Park and Hackney Marshes) by introducing new cycle friendly bridge	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		0	0			0	0	LIP 2018/19	LBWF Highways
24	A406 Enhancements	Identification of safe, direct parallel route for people cycling	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		0	0			0	0	LIP 2018/19	LBWF Highways
25	Travistock Avenue, Queen Elizabeth Road, Winns Terrace, Brettenham Road:	Cycle route linking Blackhorse Lane area to Chingford Mount Road	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		400,000	400,000			400,000	400,000	LIP 2018/19	LBWF Highways
26	Lea Marshes to Epping Forest Quiet Route:	Travistock Road, Queen Elizabeth Road, Winns Avenue, Lloyd Park, Dudley Road, Chestnuts Field, Victoria Road, MacDonald Road, Bellvue Road	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		0	0			0	0	LIP 2018/19	LBWF Regeneration, LBWF Highways
27	Woodford New Road/Snaresbrook Road	Extension of Lea Bridge Road segregated route	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		2,400,000	2,400,000			2,400,000	2,400,000	LIP 2018/19	tbc
28	Larkshall Road:	Introduction of improved cycle conditions for cyclists including sections of segregation, bus stop bypasses and increased priority	Economic Growth Strategy 2016-2020, Local Highways improvement programme	Necessary	Highway	Subject to funding availability		650,000	650,000			650,000	650,000	LIP 2018/19	LBWF Cemeteries
29	Sutherland Road Public Realm	Capital works to carry out public realm improvements to Sutherland Road and surrounding roads. This involves improving the public realm, environment and highway in and around Sutherland Road. The proposed works will create an environment, previously designed for an industrial area, which is fit for purpose and meets the needs of the new residential community.	Economic Growth Strategy 2016-2020, Blackhorse Lane Area Action Plan	Necessary	open space	Subject to funding availability		1,485,000	1,485,000	1,485,000	E1.15m secured from GLA Housing Zone Funding and £335k committed from S.106	0	0	N/A	Barts Health Trust, NHS, Department for Health, LBWF
30	Forest Road to Wetlands:	Building on the vision for the Blackhorse Lane Growth Area the funding will contribute to improving links from the Blackhorse Lane Station hub development sites to the public open space situated at Walthamstow Wetlands. The Works will improve the visual and environmental connection and introduce key aspects of Walthamstow Wetlands environment onto Forest Road. The Works will also enable a shift in priority from vehicles to pedestrians and cyclists by creating new, wider cycle lanes and footpaths, making the route clearer, safer and more attractive	Economic Growth Strategy 2016-2020	Necessary	open space	Subject to funding availability		1,195,000	1,195,000	1,107,500	E395 secured from GLA Housing Zone Funding and £712,500 of S.106 potentially available	250,000	250,000	LIP 2018/19	WF CCG, LBWF, Sinnott Road Surgery
31	Ive Farm:	The new sporting facility will include two full-size 3G/4G outdoor sport pitches, a 60m sprint track and four-court beach volleyball arena, informal seating, a new pavilion (including changing rooms, multi-purpose room, reception, office and cafe), flood lighting facilities, car parking off Orient Way and public realm improvements. The development will allow existing outdoor sports facilities currently provided at the nearby Score Centre to be enhanced and relocated. The Score Centre is also earmarked for redevelopment which would include residential use, along with improved indoor sporting facilities.	Economic Growth Strategy 2016-2020, Open Spaces Strategy, North Olympic Fringe Area Action Plan	Necessary	open space	Expected completion - Autumn 2018		10,500,000	10,500,000	10,500,000	Forward funded by LBWF to be recouped from capital receipt from disposal of the Score site	0	0	N/A	N/A
32	The Score development:	Redevelopment of sports facility to provide housing, a health hub, provision of indoor sporting facilities, community space and a children's nursery	Economic Growth Strategy 2016-2020, North Olympic Fringe Area Action Plan	Necessary	open space	Expected delivery between 2021-2026		30,000,000	30,000,000	48,000,000		0	0	N/A	Lea Valley Regional Park Authority

33	Cheney Row Park:	Transforming disused open space to a vibrant new park featuring natural play space for older and younger children, events space with amphitheatre style seating and a view mound, improved entrances and nature space.	Economic Growth Strategy 2016-2020, Core Strategy 2012, Open Spaces Strategy, Blackhorse Lane Area Action Plan, Air Quality Action Plan 2018	Necessary	open space	Phase 1 to be delivered Spring 2019. Phase 2 includes proposed cycle routes, additional play features and improve legibility in the form of signage.	Econ Growth (Regen)	850,000	1,100,000	850,000	Funding for Phase 1 committed, comprising £500k from the Mayors Green Capital Fund, match funded with S.106. Phase 2 is currently.	250,000	250,000	Future Green Capital Bid (Phase 2)	LBWF, HLF, GLA
34	Abbots Park Improvement Works:	General Park infrastructure improvements including; improved and expanded accessible open space, public art, improved security, bins and benches, planting, outdoor gym equipment, raised growing beds, seating and accessibility improvements.	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Spring 2019	Neigh & Comm	134,600	134,600			134,600	134,600	Council capital, S106 or CIL	LBWF Regeneration, LBWF Business Growth & Employment
35	Bisterne Avenue Park:	Refurbishment of ball court	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Within next 3 years	Neigh & Comm	50,000	50,000			50,000	50,000	Council capital, S106 or CIL	LBWF Business Team
36	Cann Hall Park:	Replacing safer surface in junior play area	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Within next 2 years	Neigh & Comm	40,000	40,000			40,000	40,000	Council capital, S106 or CIL	LBWF Business Team
37	Cann Hall Park:	Installation of outdoor gym equipment	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Within next 5 years	Neigh & Comm	30,000	30,000			30,000	30,000	Council capital, S106 or CIL	LBWF Business Team
38	Cann Hall Park:	Replacement of wooden skate ramps with concrete skate park	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	200,000	200,000			200,000	200,000	Council capital, S106 or CIL	
39	Chase Lane Park:	Refurbishment of adventure play equipment and safer surfacing	Economic Growth Strategy 2016-2020	Necessary	open space	Subject to funding availability	Neigh & Comm	60,000	60,000			60,000	60,000	Council capital, S106 or CIL	
40	Coppermill Park:	Refurbishment of adventure play equipment and safer surfacing	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	40,000	40,000			40,000	40,000	Council capital, S106 or CIL	
41	Dames Road Play Area:	Re-surface asphalt surfacing and general refurbishments	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	50,000	50,000			50,000	50,000	Council capital, S106 or CIL	UKPN, Developers
42	Higham Hill Park:	Refurbishment of junior play area	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	80,000	80,000			80,000	80,000	Council capital, S106 or CIL	LBWF Digital
43	Jack Cornwell Park:	Replacement of adventure play equipment	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	150,000	150,000			150,000	150,000	Council capital, S106 or CIL	LBWF Digital
44	Langthorne Park:	Refurbishment of outdoor gym	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	50,000	50,000			50,000	50,000	Council capital, S106 or CIL	LBWF Digital, LBWF Property
45	Leyton Manor Park:	Refurbishment of adventure play equipment and safer surfacing	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	50,000	50,000			50,000	50,000	Council capital, S106 or CIL	LBWF Digital, LBWF Property
46	Lloyd Park:	Improvements to skate park	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	50,000	50,000			50,000	50,000	Council capital, S106 or CIL	MPS
47	Lloyd Park:	Installation of scooter park for young children	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	50,000	50,000			50,000	50,000	Council capital, S106 or CIL	London Fire Brigade
48	Lloyd Park:	Refurbishment of play area	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	100,000	100,000			100,000	100,000	Council capital, S106 or CIL	London Ambulance Service NHS Trust
49	Lloyd Park:	Refurbishment of natural play equipment	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	15,000	15,000			15,000	15,000	Council capital, S106 or CIL	TfL LBWF Regeneration
50	Memorial Park:	Refurbishment of tennis court	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	150,000	150,000			150,000	150,000	Council capital, S106 or CIL	LBWF Highways, TfL
51	Memorial Park:	Refurbishment of toilets	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	80,000	80,000			80,000	80,000	Council capital, S106 or CIL	LBWF Regeneration, LBWF Highways
52	Memorial Park:	Refurbishment of pavilion	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	150,000	150,000			150,000	150,000	Council capital, S106 or CIL	LBWF Regeneration, LBWF Parks, Maintenance, GLA
53	Memorial Park:	Re-surfacing of/patch repair of paths in park	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	100,000	100,000			100,000	100,000	Council capital, S106 or CIL	None
54	Memorial Park:	New perimeter fencing	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	70,000	70,000			70,000	70,000	Council capital, S106 or CIL	None
55	Memorial Park:	Demolition of old garages and making good	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	30,000	30,000			30,000	30,000	Council capital, S106 or CIL	None
56	Pimp Hall Park:	Improvements to ball court – install fencing, resurface, install new goals	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	60,000	60,000			60,000	60,000	Council capital, S106 or CIL	None
57	Ridgeway Park:	Refurbishment of play areas	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	200,000	200,000			200,000	200,000	Council capital, S106 or CIL	None
58	St James Park:	Installation of outdoor gym equipment	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	30,000	30,000			30,000	30,000	Council capital, S106 or CIL	None
59	Vincent Road Play Area:	Replace safer surfacing under junior play equipment	Economic Growth Strategy 2016-2020, Parks Improvement Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	80,000	80,000			80,000	80,000	Council capital, S106 or CIL	None
60	Biodiversity projects	Enhancements to local nature reserves and sites of importance to nature conservation	Economic Growth Strategy 2016-2020, Tbc	Necessary	open space	Tbc	Neigh & Comm	0	0					Tbc	None
61	Tree planting and maintenance	The borough tree planting programme seeks to deliver a minimum of 1000 new trees per annum, including in our parks, open space, public realm and street trees. Each tree costs approximately £400 to plant and maintain until it become sufficiently established.	Economic Growth Strategy 2016-2020, LBWF Tree Strategy 2013-2020, LBWF Tree Planting Programme to 2033	Preferred	open space	Subject to funding availability	Neigh & Comm	6,000,000	6,000,000			6,000,000	6,000,000	LIP 2028/19	None
62	Allotments:	The provision, improvement, replacement, operation or maintenance of new and existing allotments in the borough to support local food growing.	Economic Growth Strategy 2016-2020, Tbc	Tbc	open space	tbc	Neigh & Comm	0	0			0	0	Tbc	None

63	Cemeteries:	Providing increased burial capacity provision options in the boroughs public cemeteries, including a new crematoria facility	Economic Growth Strategy 2016-2020, Cemetery Capacity Programme	Necessary	open space	Subject to funding availability	Neigh & Comm	5,000,000	5,000,000			5,000,000	5,000,000	Capital funding, Prudential borrowing, S106 or CIL	None
64	Primary Schools:	A drop in birth rate since 2013 has meant that there is a projected surplus of approximately 4% for the next 5 years. There continues to be an increased level of demand for places in the north of the borough which is being met by a 1FE expansion in Parkside Primary from 2018/19 with a temporary bulge added in 2017/18. The 2FE REACH2 Academy at Bywaters site will continue to be monitored as a planning application has now been submitted.	Economic Growth Strategy 2016-2020, Waltham Forest Schools Capital Programme 2018	Critical/Statutory	Education	2018/19 - 2026	Families & Homes	192,463,004	192,463,004			123,613,262	123,613,263		None
65	Secondary Schools:	Demand for year 7 places increases as primary pupils progress into the secondary phase of education. This is met by an additional 4FE delivered at Heathcote and Holy Family in 2017. Demand almost equals capacity from September 2018 but this would not be deemed sustainable as it does not allow for migration or parental preference so a bulge class will be added at Buxton School in September 2018. The Council are still awaiting confirmation regarding the Lion Academy Trust Free School proposals being taken forward. A secondary school bulge strategy has been developed to meet demand for the next few years along with opportunities for permanent expansions where 7 schools have been identified that could be expanded and that have expressed an interest in being expanded.	Economic Growth Strategy 2016-2020, Waltham Forest Schools Capital Programme 2018	Critical/Statutory	Education	2018/19-2026	Families & Homes								None
66	Leyton Green Partnership Project:	New and improved facilities for the Children's Social Care Residential and Respite Facility, which is currently located at 92 Leyton Green Road.	Economic Growth Strategy 2016-2020, LBWF Capital Programme	Critical	Education	Delivery in 2019/20	Families & Homes	20,900,000	20,900,000	19,350,000	£19.35m committed in the Councils Capital Programme for 2017/18	1,500,000	1,500,000	£1.5m shortfall to be met by prudential borrowing, serviced by annual revenue savings	None
67	Suntrap Centre:	Refurbishment of education facility in Epping Forest as the boroughs principle resource for outdoor learning. Proposal to create a vibrant, multi-use outdoor education centre	Economic Growth Strategy 2016-2020, Waltham Forest Schools Capital Programme 2018	Necessary	Education	Delivery in 2019	Families & Homes	4,500,000	4,500,000	tbc	tbc	4,500,000	4,500,000	DfE Grant, Capital funding, S106 or CIL	None
68	Primary Care – Access Hubs:	Assess hubs are designed to improve patient access to primary care, with increased weekday and weekend opening hours. Assess hubs release GP time in practice, as well as improve patient experience of access. They are required to provide a certain level of activity (30 minutes per 1000 population for 2018-19) from 8am until 8pm weekdays and weekends. The level of activity requirements will be increasing to 45 minutes per 1000 population for 2019-20.	Economic Growth Strategy 2016-2020, East London Health and Care Partnership Estates Strategy 2018	Critical	P.Health Care	N/A	Families & Homes							N/A	None
69	Whipps Cross Hospital redevelopment:	Mixed use development to complement an exemplar acute care and primary care health facility. It is anticipated that following the redevelopment and improvement of the hospital there is potential to provide a significant amount of new homes as well as complementary commercial accommodation that could include leisure, retail and cultural related space with a strong emphasis on placemaking and integration with the surrounding urban fabric.	Economic Growth Strategy 2016-2020, East London Health and Care Partnership Estates Strategy 2018, Whipps Cross Strategic Outline Business Case	Critical	P.Health Care	Subject to funding availability	Econ Growth (Regen)	592,000,000	592,000,000	198,300,000	Assumed capital receipt of £156.6m from land disposal, £32.4m self funded from depreciation/cash reserves and £9.3m from other sources, inc donations	393,700,000	435,400,000	£343.7m dependant on Trust borrowing from Department of Health	None
70	Sutherland Road Surgery	Relocation of Sinnott Road Surgery to L&Q Sutherland Road facility to re-provide primary care facilities and provide additional community health services for the population in Blackhorse Lane Growth Area	Economic Growth Strategy 2016-2020, WFCFG Estates Strategy 2017	Critical	P.Health Care	Subject to agreement by PCCC (Primary Care Commissioning Committee)	Econ Growth (Property)	1,500,000	1,500,000			1,500,000	1,500,000	Capital funding, DoH Funding, S106 or CIL	None
71	St James Street Site C	Health Hub to re-provide primary care facilities and provide additional community health services for the population of Walthamstow Growth Area	Economic Growth Strategy 2016-2020, WFCFG Estates Strategy 2017	Critical	P.Health Care	Subject to funding availability	Econ Growth (Property)	7,000,000	7,000,000	2,000,000	£2m from Waltham Forest CCG	5,000,000	5,000,000	Capital funding, Capital receipt, ELHCP Estates Board S106 or CIL	None
72	The Score	Health Hub to re-provide primary care facilities and provide additional community health services for the population of Leytonstone	Economic Growth Strategy 2016-2020	Critical	P.Health Care	Subject to funding availability	Econ Growth (Regen)	12,000,000	12,000,000			12,000,000	12,000,000	Capital funding, Capital receipt, ELHCP Estates Board S106 or CIL	None
73	Borough wide Population Growth Assumptions:	The Healthy Urban Delivery Unit (HUDU) toolkit estimates the cost of new and improved health facilities as a result of population growth. It sets an estimated cost of £6,649 per new unit created. Waltham Forests Core Strategy sets out an annual housing target of 862 homes per annum. However, the Draft London Plan suggest an increased housing target of 1,794 homes per annum from 2019 onwards, representing a 110% increase in the housing delivery.	Economic Growth Strategy 2016-2020, Draft London Plan 2017	Necessary	P.Health Care	Subject to funding availability	Econ Growth (Regen)	37,200,000	37,200,000			37,200,000	37,200,000	Capital funding, Capital receipt, ELHCP Estates Board S106 or CIL	None
74	Ive Farm:	Relocation of external sports facilities from existing Score Centre, including new sports pavilion and pitch provision	Economic Growth Strategy 2016-2020	Necessary	Art	Opening Summer 2018	Econ Growth (Regen)	10,500,000	10,500,000	10,500,000	£10.5m Council forward funding in lieu of contribution from Score Centre redevelopment	0	0	N/A	None
75	The Score:	New community space and indoor sports facilities	Economic Growth Strategy 2016-2020	Necessary	Art	Practical completion, May 2026	Econ Growth (Regen)	6,500,000	6,500,000			6,500,000	6,500,000	Capital receipt, Sport England, S106 or CIL	None
76	Leyton Cricket Ground:	The site comprises 5 main built assets – The Listed Tin Hut, The Boxing Club, the Listed Pavilion, The Arts Block and the Sports Hall, surrounded by playing fields and associated infrastructure. Phase1 – refurbishment works to Tin Hut and the Pavilion. Phase 2 – refurbishment of boxing gym and sports hall, including landscaping	Unknown	Preferred	Art	Phase 1 completed in 2021.	Neigh & Comm	1,130,000	1,634,000			1,130,000	1,634,000	HLF Bid to be submitted June 2019. Phase 2 – unfunded	None
77	Low Hall Sports Ground Phase 1:	Creation of centre of excellence for Football, providing 3 additional 3G pitches, pavilion and associated infrastructure. Phase 2- to include improved entrance to support increased usage as well as pavilion and changing room enhancements	Economic Growth Strategy 2016-2020, Building an Active Borough Physical Activity and Sport Strategy for Waltham Forest 2016-20	Necessary	Art	Subject to funding availability.	Neigh & Comm	6,000,000	6,500,000			2,400,000	2,900,000	Capital receipt, S106 or CIL, Sport England	None
78	Former EMD Cinema:	Restore Grade II* Listed Building and reopen the auditorium to public use as a 1,000 seater performance venue with restaurant and bars	Economic Growth Strategy 2016-2020	Preferred	Art	Subject to funding availability	Econ Growth (Property)	22,000,000	22,000,000			22,000,000	22,000,000	Heritage Lottery Fund (HLF), Capital receipt, S106 or CIL	None
79	Lea Valley Ice Centre:	Redevelopment to provide twin ice pad ice centre	Economic Growth Strategy 2016-2020	Preferred	Art		Econ Growth (Regen)	35,000,000	35,000,000			35,000,000	35,000,000	Potential enabling development on the adjacent Waterworks site	Tbc

80	Pump House Museum:	Refurbishment and extension of museum, including community facilities	Economic Growth Strategy 2016-2020, LBWF Culture & Heritage Strategy	Preferred	Art	Subject to funding availability	Corp Devel	3,000,000	4,000,000			3,000,000	4,000,000	Heritage Lottery Fund (HLF), Capital receipt, S106 or CIL	LBWF Parks, LBWF Highways
81	Vestry House Museum:	Develop Vestry House Museum into a viable, fully accessible museum/mixed use site, ensuring collections and learning opportunities are maximised working with LBWF Cultural, Business, tourism and audience development strategies	Economic Growth Strategy 2016-2020	Preferred	Art	Subject to funding availability	Corp Devel	1,105,000	4,105,000	105,000	E105k secured from Arts Councils Resilience Fund	1,000,000	4,000,000	Heritage Lottery Fund (HLF), Capital receipt, S106 or CIL	LBWF Education
82	Wood Street Library:	Proposed relocation of existing library to Marlowe Road incorporating new community facilities including a Café and IT space	Economic Growth Strategy 2016-2020, LBWF Libraries Programme	Necessary	Art	Subject to funding availability	Neigh & Comm	2,900,000	2,900,000			2,900,000	2,900,000	Capital Programme	LBWF Education, LBWF Property, Local Schools & Academy's
83	Lea Bridge Library Local:	Creation of performance and community space including spaces for local SMEs. Creation of outdoor play facilities for children across ages 0-12.	Economic Growth Strategy 2016-2020, LBWF Libraries Programme	Necessary	Art	Subject to funding availability	Neigh & Comm	1,000,000	1,000,000	441,000	E441 secured from GLA Good Growth Fund	659,000	659,000	Capital Programme	LBWF Regeneration, WFCCG
84	Walthamstow Central Library:	Phase 1 - Refurbishment and modernisation of existing library including opening up existing spaces to the public. Phase 2 - Creation of mezzanine floor, remodelling to allow better integration with High St and Town Square. Provision of community and co-working space	Economic Growth Strategy 2016-2020, LBWF Libraries Programme	Necessary	Art	Subject to funding availability	Neigh & Comm	1,800,000	5,800,000			1,800,000	5,800,000	Capital Programme, Capital receipt	LBWF Regeneration Team, Soho Theatre (potential end use operator)
85	Other Library Improvements:	Maintenance and improvements to existing library facilities boroughwide	Economic Growth Strategy 2016-2020, LBWF Libraries Programme	Necessary	Art	TBC	Neigh & Comm	1,000,000	1,000,000			1,000,000	1,000,000	TBC	LBWF
86	Upskilling Centre	Refurbishment of Harrow Green Library to deliver office and employment support and advice centre, as a base for the LBWF Adult Learning and Skills Service providing employment support programme addressing unemployment and skills challenges in the borough	Economic Growth Strategy 2016-2020	Preferred	Socio-Economic	Complete Summer 2018	Econ Growth (Regen)	1,400,000	1,400,000	1,400,000		0	0		LBWF Libraries
87	Big Creative Academy:	extension of existing 16-19 year old offer on former Willowfields School site. Phase 2 - including opportunities for higher education partnership with co-location on the site	Economic Growth Strategy 2016-2020	Preferred	Socio-Economic	Subject to funding (within the next 5 years)	Econ Growth (Regen)	20,000,000	20,000,000	11,000,000	E11m of EFA funding secured	9,000,000	9,000,000		LBWF Libraries
88	Town centre and high street improvements	Targeted investment to improve local town centre and high street environments to promote sustainable economic infrastructure in and around areas of development	High Street Strategy, Economic Growth Strategy 2016-2020, Town Centre Strategy & delivery Plans 2016-2020, Walthamstow Town Centre Area Action Plan, St James St./South Grove SPD	Necessary	Socio-Economic	Subject to funding availability	Econ Growth (Regen)	10,000,000	10,000,000	3,000,000	E3m secured from Town Centre Investment Fund 2016-2020	7,000,000	7,000,000		LBWF Libraries
89	Walthamstow Town Square:	Public realm, play and open space enhancements	Economic Growth Strategy 2016-2020, Walthamstow Town Centre Area Action Plan	Preferred	Socio-Economic	Delivered by 2023	Econ Growth (Regen)	4,500,000	4,500,000	5,000,000		0	0		LBWF Libraries
90	Chestnut House and Enterprise Hub:	Restoration project with multi-use community and business facility	Economic Growth Strategy 2016-2020	Preferred	Socio-Economic	Subject to funding availability	Econ Growth (Regen)	6,000,000	6,000,000		Potential for up to 50% match funding from GLA Good Growth Fund	6,000,000	6,000,000	Good Growth Fund	LBWF Libraries
91	Good Shepherd Building & Pastures:	redevelopment to provide workspace for start-up's and SMA businesses	Economic Growth Strategy 2016-2020	Preferred	Socio-Economic	Subject to funding availability	Econ Growth (Regen)	0	0			0	0	Good Growth Fund, Potential Capital Receipt	LBWF
92	Acacia Business Centre:	Intensify employment uses with complementary growth sector ambitions	Economic Growth Strategy 2016-2020	Preferred	Socio-Economic	Subject to funding availability	Econ Growth (Regen)	0	0			0	0		LBWF Regeneration
93	The Sidling's:	Intensify employment uses and sector mix in industrial areas	Economic Growth Strategy 2016-2020	Preferred	Socio-Economic	Subject to funding availability	Econ Growth (Regen)	0	0			0	0		LBWF Regeneration, Capital & Regional
94	Banbury Park:	delivering a combination of café, community space, affordable workspace and commercial workspace.	Economic Growth Strategy 2016-2020, Blackhorse Lane Area Action Plan	Preferred	Socio-Economic	Subject to funding availability	Econ Growth (Regen)	1,000,000	1,000,000	225,000	E225k of S.106 funding secured for ground and first floor provision	675,000	675,000		LBWF Business Team, LBWF Property
95	Low Hall Depot:	redevelopment of Council Waste, Recycling and Neighbourhoods Services Depot	Economic Growth Strategy 2016-2020, Emerging Local Plan to 2033	Necessary	Sus & Waste	Subject to viable business case	Econ Growth (Property)	26,000,000	26,000,000			26,000,000	26,000,000	Potential Capital receipt - unconfirmed	LBWF Business & Skills
96	Chestnut Showground Critical Drainage Area (CDA)	The sewer network in Waltham Forest is largely a combined sewer system. Large sections of the network are close to capacity increasing the risk of sewer flooding to new and existing developments. The Council will use planning conditions where appropriate to ensure that new development does not commence until impact studies on the existing water supply and sewerage infrastructure have been approved by the Councils Drainage Team in conjunction with Thames Water. Where there is a capacity problem and no improvements are programmed, developers should agree with the utility company what improvements are required and how these are to be funded. Storm Water Storage: It is possible that long term cumulative impacts of growth could impact the occurrence of significant flooding. The Council has identified three Critical Drainage Areas (Fillebrook, South Chingford and Chestnuts Showgrounds). A mitigation scheme has been designed for Chestnut Showground (£500k) which is currently unfunded. The Council are currently appraising various mitigation interventions at the other two CDA's, which are currently un-costed.	Economic Growth Strategy 2016-2020, Waltham Forest Strategic Flood Risk Assessment (SFRA) 2009, Waltham Forest Surface Water Management Plan, 2013, Waltham Forest Local Flood Risk Management Strategy, 2015, Waltham Forest Surface Water Investigations and Mitigation Proposals – Chestnut Showgrounds, 2017	Critical	Sec & Utilities	Subject to funding availability	Econ Growth (Property)	500,000	500,000			500,000	500,000	Developer contributions, external grant funding opportunities, Thames Water, The Environment Agency, Thames21 e.g Thames Water Twenty 4 Twenty.	London Borough of Waltham Forest Neighbourhoods, Waste Operator
97	Fillebrook Critical Drainage Area (CDA)	Fillebrook: Temporary flood alleviation basin (only wet during rainfall events) within Whipps Cross Hospital, combined with new and existing flood walls. Flood storage within eastern field of Leyton Sixth Form College. Linear bioretention garden along public footway adjacent to St Mary CofE Primary School. Brook Road also has potential for modular storage tanks to be provided under footway/school land.	Economic Growth Strategy 2016-2020, Waltham Forest Strategic Flood Risk Assessment (SFRA) 2009, Waltham Forest Surface Water Management Plan, 2013, Waltham Forest Local Flood Risk Management Strategy, 2015, Waltham Forest Surface Water Investigations and Mitigation Proposals	Critical	Sec & Utilities	Subject to funding availability	Econ Growth (Property)	Tbc	Tbc					Developer contributions, external grant funding opportunities, Thames Water, The Environment Agency, Thames21 e.g Thames Water Twenty 4 Twenty.	LBWF CCTV

98	South Chingford Critical Drainage Area (CDA)	South Chingford: Potential rainwater pipe disconnection schemes at Mandeville Court, Maple Avenue and Rolls Court. Potential flood storage schemes at Memorial Park, Larkwood Playing Fields and Rolls Sports ground. The next stage towards updating and improving the existing planned delivery of projects will involve completing a review of the Strategic Flood Risk Assessment (SFRA) for the borough. As well as define what areas of the borough would not be acceptable for development, the SFRA will also identify the neighbourhoods and areas that are at risk of flooding and to ensure suitable mitigation measures are incorporated aside from simply avoiding all potential development in those areas.	Economic Growth Strategy 2016-2020, Waltham Forest Strategic Flood Risk Assessment (SFRA) 2009, Waltham Forest Surface Water Management Plan, 2013, Waltham Forest Local Flood Risk Management Strategy, 2015, Waltham Forest Surface Water Investigations and Mitigation Proposals	Critical	Sec & Utilities	Subject to funding availability	Econ Growth (Property)	Tbc	Tbc					Developer contributions, external grant funding opportunities, Thames Water, The Environment Agency, Thames21 e.g Thames Water Twenty 4 Twenty.	LBWF Regeneration, LBWF Highways, TFL
99	Gas:	Cadent, formerly National Grid Gas Distribution Ltd., manage the development, operation and maintenance of the North London High Pressure (HP) and below 7bar Gas Distribution Networks. These networks extend from the Gas Inlet valve of the Pressure Regulating Installations (PRI's) at the National Transmission System (NTS) interface to the outlet of the customers Emergency Control Valve.	Economic Growth Strategy 2016-2020, Cadent Long Term Development Plan (2017), Demand Forecast Update Winter 2017/18, London Supply Strategy to 2029	Critical	Sec & Utilities	By 2029	Econ Growth (Regen)	76,000,000	76,000,000	76,000,000		Tbc	Tbc	Funded by 2029	LBWF Sports & Leisure, LBWF Regeneration
100	Electricity: .	UK Power Networks (UKPN) is London's main Distribution Network Operator and is responsible for distributing electricity from National Grid's 400kV and 275kV networks. UK Power Networks undertake an annual review of capacity constraints and the necessary upgrades associated with general load growth are built into their capital programme. The Council will continue to monitor phasing and implementation of development and continue to share plans with infrastructure providers, including UKPN	Economic Growth Strategy 2016-2020, UKPN Business Plan 2015, UKPN Long Term Development Statement (November 2017) for London	Critical	Sec & Utilities	N/A	Econ Growth (Regen)	0	0			Tbc	Tbc		LBWF Regeneration, LBWF Sports & Leisure, LBWF Property
101	Superfast broadband cabling infrastructure:	This is required to support businesses and home connectivity, particularly in identified growth and opportunity areas, as well as the borough primary employment areas (both Borough Employment Land (BEL) and Strategic Industrial Land (SIL). Estimated need of 90km of ducting and fibre	Emerging Digital strategy 2018, Economic Growth Strategy 2016-2020	Preferred	Digital	Aspirational	Corp Devel	8,000,000	12,000,000			8,000,000	12,000,000		LBWF Education, LBWF Property
102	Wifi in Public places:	Capital Costs: Hardware, design, deployment and commissioning between £2,000 and £2,500 per access point. Operational Costs: including software licence for portal registration - £15,000 - £35,000. If backhaul has to be provided, this could increase both Capex and Opex costs. The Council is seeking to deliver another 40-50 Access Points across the borough.	Emerging Digital strategy 2018, Economic Growth Strategy 2016-2020	Preferred	Digital	Aspirational	Econ Growth (Regen)	80,000	125,000			80,000	125,000		LBWF, Taylor Wimpey, WFCCG and local surgeries
103	Rooftop/Street Asset Enablement:	Phase 1: deploying an IOT Wireless Platform utilising Council owned assets. Phase 2 – enabling borough street lighting with NEMA sockets	Economic Growth Strategy 2016-2020, Emerging Digital strategy 2018	Preferred	Digital	Aspirational		2,500,000	4,500,000			2,500,000	4,500,000		Wilmott Dixon/SCAPE Framework, LBWF
104	Gigabit Borough:	Gigabit Fibre connection to all public buildings and connections	Emerging Digital Strategy 2018, Economic Growth Strategy 2016-2020	Preferred	Digital	Aspirational	Corp Devel	6,000,000	9,000,000			6,000,000	9,000,000		LBWF, Taylor Wimpy
105	CCTV:	Improving and expanding the Council's CCTV network, including in key growth areas.	Core Strategy 2012, Economic Growth Strategy 2016-2020	Necessary	Digital	Expected requirement to 2026	Neigh & Comm	2,000,000	2,000,000			2,000,000	2,000,000		LBWF Culture
106	Police:	Forward planning for policing infrastructure is linked to the Metropolitan Police Service's (MPS) Asset Management Plan for Waltham Forest. This indicates that the MPS is working hard to deliver a more effective and locally focussed service, and to do this it needs a property estate that can adapt to meet new challenges and grow to support a 21st Century police service. The MPS do not have any specific infrastructure requirements at this time but will continue to review forecasted growth in the borough and assess future policing needs.	Economic Growth Strategy 2016-2020, MPS Business Plan 2017/18	Necessary	Emergency Services	N/A		0	0			0	0		LBWF Sports and Leisure, Premier League for Sport, Sport England, GLA
107	Fire:	There are a total of 102 Fire Stations across London plus a river station based in Lambeth. Waltham Forest is home to four operational Fire Stations. London Fire Brigade has a fleet of 157 pumping appliances (Fire Engines), there are also 147 special fire appliances and other associated vehicles. Fire Stations and Fire Engines work across local authority boundaries therefore it is hard to assess fire station provision on a borough by borough basis. Currently the London Fire & Emergency Planning Authority is involved in a programme of upgrading (rebuilding and refurbishing) existing sites to better reflect the changing risk profile within London.	Economic Growth Strategy 2016-2020, London Safety Plan 2017	Necessary	Emergency Services	N/A		0	0			0	0		Higham Hill Medical Centre, Harrow Road Practice, Allum Practice, Handsworth Practice, WFCCG, NHS
108	Ambulance:	Managing demand and need for Ambulance provision is heavily correlated with operational procedures and practice than population growth. The demand for Ambulance provision is forecast using historical incident data within the health service area they attend. Consultation with the London Ambulance Trust has confirmed that the forward strategy focusses on changes to the way emergencies are responded to rather than opportunities relating to property. No specific infrastructure needs have been identified at this time, however working with the trust we will continue to	Economic Growth Strategy 2016-2020, London Ambulance Service NHS Trust – Our Strategic Intent 2018/19-2022/23	Necessary	Emergency Services	N/A		0	0			0	0		76000000
								1,336,378,604	1,369,677,604	413,726,890		869,063,862	943,812,863		