


Cabinet

On 19 July 2011

Report Title. **Sustainable Transport Works Plan 2011/12**

Report of : **Lyn Garner, Director of Place and Sustainability**

Signed :



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Wards(s) affected: **All**

Report for: **Key**

1. Purpose of the report

- 1.1. To seek Cabinet approval for the Sustainable Transport Works Plan for 2011/12 and to provide details of the Council's progress on delivering transport investment in 2010/11.

2. Introduction by Cabinet Member

- 2.1. We are investing more than £6m on sustainable transport in 2011/12. We are putting significant investment into repairing our roads following another harsh winter as well as supporting neighbourhoods and investing in Wood Green and Green Lanes. We are spreading our investment around the Borough to maximise the benefits to local residents and businesses.

3. State link(s) with Council Plan Priorities and actions and other Strategies

3.1. The strategy supports Council's priorities

- ❖ A cleaner, greener Haringey
- ❖ A safer haringey
- ❖ A healthy, caring haringey

4. Recommendations

4.1. That Cabinet agrees the Sustainable Transport Works Plan for 2011/12

5. Reason for recommendation(s)

5.1. The Plan represents an investment by the Council of £6m in the borough's highways and transport infrastructure.

6. Other options considered

6.1. None

7. Summary

7.1. The Sustainable Transport Works Plan sets out the yearly investment programme in the borough's highway and transport infrastructure, as well as its initiatives to encourage greater use of sustainable transport. In 2011/12 the total proposed investment financed through the LIP by TfL is £2.839m. Other TfL funding amounts to £0.081m. In addition the Council is providing £3.013 million for investment in the borough's highways and other funding such as S106/S278 funding at about £0.476m is expected bringing the total to £6.4645 million. Full details of all the proposed works, including a ward by ward breakdown, are attached as Appendix 2.

7.2. This Sustainable Transport Works Plan is based on the type of investment, rather than the source of funding to provide a more cohesive view of how the investment will contribute towards improving highways conditions and transport infrastructure. It also includes some Greenest Borough Strategy actions, for example the provision of car club bays or electric vehicle charging points.

7.3. The Mayor requires the Council to prepare a new Local Implementation Plan [Transport Strategy] following publication of the Mayor's Transport Strategy in May 2010. We consulted stakeholders in two stages: on the issues and challenges facing the Borough between May and July 2010 and on the draft LIP between September and November 2010. Following these consultations the draft LIP was reviewed and submitted to TfL in December 2010. TfL are broadly agreeable to the draft with relatively minor changes required to be undertaken by the Borough. We anticipate re-submitting a revised draft in June 2011 for Mayoral approval. We also submitted our Annual Spending Submission in October 2010 setting out our programme in detail for 2011/12. Appendix 6 includes a summary of the draft LIP.

7.4. For 2011/12 and onwards our LIP funding will be allocated as a single "block grant" transport fund on the basis of a formula. This funding would cover the former corridors, neighbourhoods and smarter travel measures. Allocation for the maintenance of principal

roads and bridges are on the basis of measurable need and uses a different formula. Major Schemes funding is for projects in excess of £1m with a three step process for development and implementation with funding allocated through a competitive bidding process. Together with the move to a single fund TfL are also giving more certainty to funding in future years. TfL provided LIP allocations for 2012/13 and 2013/14. However, we can expect along with all other boroughs an additional allocation for 2012/13 and 2013/14 following a decision by the Mayor in February 2011 to increase LIP funding to boroughs over the initial allocation as notified in December 2010. We have included provisional allocations for types of programmes for 2012/13 and 2013/14 where available in the details of schemes described in Appendix A.

8. Chief Financial Officer Comments

8.1 The currently approved sustainable transport investment programme for 2011/12 is about £6m funded as follows:

Funding Source	£m
TfL Grant [LIP and other funding]	2.9755
Council Investment	3.013
Section 106/278	0.476
Total	6.4645

However, it should be noted that S106/278 funding is subject to variation and is dependent on progress of development schemes.

8.2 The Sustainable Transport Works Plan includes the 2011/12 capital budget allocation to be funded from council investment.

9. Head of Legal Services Comments

9.1 The Head of Legal Services comments that the Highways Act 1980 imposes on a highway authority the duty to maintain highways maintainable at public expense. The standard of maintenance is the standard necessary to accommodate the ordinary traffic which passes, or may reasonably be expected to pass along the highway.

9.2 Otherwise, there are no implications arising directly from the recommendations in the report at this stage. However, legal implications may arise as the Plan is implemented, in terms of, amongst other things, procurement, property and compliance with the requirements of relevant legislation.

10. Equalities & Community Cohesion Comments

10.1. Part of our works programme supports better access to the public transport and highway networks and footway enhancements which particularly benefit people with mobility handicaps and disabled people.

10.2. Our programme seeks to reduce road user casualties through the integrated transport funding including road safety projects and smarter travel programme. Reduced crime could be expected from improvements to street lighting.

11. Consultation

- 11.1. A revised process for consulting on our highways schemes was agreed by Cabinet in March 2008. Under this process three levels of consultation are undertaken:
- Notification of works [all works]
 - Statutory notification [all schemes that require statutory notification]
 - Full consultation [any high profile scheme – agreed as part of this highways works programme and any other scheme that is deemed to require it by the agreement of the Cabinet Member]
- 11.2. Appendix 3 of the works plan details the type of consultation planned for the various schemes.

12. Service Financial Comments

- 12.1. The overall sustainable transport investment programme for 2011/12 is £6,464,500. A significant proportion of the funding is from external sources, primarily TfL through the LIP process. LIP funding amounts to £2,839,000. In addition TfL are providing £81,500 for non-LIP transport schemes. An estimated £476,000 investment would be achieved via S106 and S278 agreements through the planning process.
- 12.2. Council capital investment totals £3,013,000. This is split as follows:
- Footways £395,000
 - Non-principal roads £905,000
 - Street lighting £800,000
 - Road safety and structures - £200,000
 - Parking Plan £600,000

13. Use of appendices / Tables and photographs

- 13.1. Appendix: Sustainable Transport Works Plan 2011/12

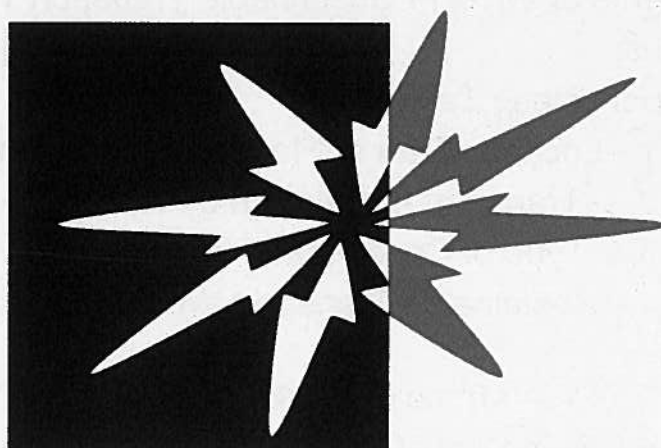
14. Local Government (Access to Information) Act 1985

- 14.1. Highways Asset Management Plan
Draft Local Implementation Plan December 2010
LIP funding allocation letter from TfL, 16 December 2010
Cabinet report draft LIP and Annual Funding submission for 2011/12, 14 September 2010

APPENDIX A

LONDON BOROUGH OF HARINGEY

SUSTAINABLE TRANSPORT WORKS PLAN 2011-12



Haringey Council

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Introduction

- 1.1 This document sets out Haringey's Sustainable Transport Works Plan for 2011/12, giving the list of highway and transport schemes that will be carried out on the Borough's roads in 2011/12 as well as those proposed for 2012/13 where known. It also sets out our projects to increase the proportion of journeys made on foot, by bicycle or public transport.
- 1.2 This plan is an integral part of a Sustainable Transport system for the Council. The maintenance of the Council's highways infrastructure is key to ensuring that public transport, pedestrians, cyclists and powered two wheelers are able to use the roads as well as cars and freight.

Background

- 2.1 The annual Sustainable Transport Works Plan shows what has been achieved in 2010/11 [Appendix 4] and outlines the programme of work and investment for the Sustainable Transport Works Plan for 2011/12. It also includes the proposals for detailed scheme consultation on a scheme by scheme basis.
- 2.2 Each year the Council funds improvements to the borough's transport infrastructure from a number of sources. These improvements are in line with the objectives of the Mayor as expressed in the Mayor's Transport Strategy.

Policy and Performance

3.1. With the formation of the new Government in May 2010 a wide range of national targets were abolished. However, TfL still requires us to set core targets and Local targets and associated performance indicators within the LIP. Core targets for the mandatory indicators [mode share, bus service reliability, asset condition, road user casualties and CO2 emissions] are set out below as well as non-mandatory local targets:

Core Target	Base year	2010/11	2011/12	2012/13	2013/14	Target year
Walking mode share	31.3% [2007/9]	31.3%	31.5%	31.8%	32%	35% [2031]
Cycling mode share	1.7% [2007/9]	1.8%	2%	2.5%	3%	5% [2026]
Bus service reliability [Excess Wait Time]	1.2 [2009/10]	1.2	1.2	1.2	1.2	1.2 [2031]
Asset condition [proportion of principal road network with UK PMS score >70]	7% [2009/10]	7%	7%	7%	7%	6% [2031]
Road user casualties: KSI	100 [2004-8]	95 [2011]	90 [2012]	85 [2013]	80 [2014]	40 [2031]
Road user casualties: total casualties	844 [2004-8]	830 [2011]	790 [2012]	740 [2013]	675 [2014]	338 [2031]
CO2 emissions [kilotonnes]	164 [2008]	153 [2011]	147 [2012]	142 [2013]	137 [2014]	90 [2025]

Local indicator	Base year	2010/11	2011/12	2012/13	2013/14	Target year
Non-car mode share	69% [2006-9]	69%	69%	70%	71%	75% [2031]
Bus route run times route 29 southbound [mins] Green Lanes	4.0 AM peak 4.6 PM peak [2010]	3.9 4.6	3.9 4.6	3.8 4.5	3.8 4.4	3.8 [2014] 4.4 [2014]
Bus route run times route 29 northbound [mins] Green Lanes	4.6 AM peak 6.2 PM peak [2010]	4.6 6.2	4.6 6.2	4.5 6.1	4.4 5.9	4.4 [2014] 5.9 [2014]
Bus route run times route 141 southbound [mins] Wood Green High Road	5.2 AM peak 5.9 PM peak [2010]	5.2 5.9	5.2 5.9	5.2 5.9	4.9 5.6	4.9 [2014] 5.6 [2014]
Bus route run times route 141 northbound [mins] Wood Green High Road	5.2 AM peak 7.4 PM peak [2010]	5.2 7.4	5.2 7.4	5.2 7.4	4.9 7.0	4.9 [2014] 7.0 [2014]
Pedestrian casualties	196 [2004/8]	190 [2011]	180 [2012]	170 [2013]	157 [2014]	78 [2031]
Child casualties	96 [2004/8]	93 [2011]	89 [2012]	84 [2013]	77 [2014]	38 [2031]
Accessible bus stops	201 [2009/10]	204	205	208	214	427 [2031]

Winter Maintenance Policy

- 3.5 The recent cold weather conditions experienced nationwide in 2010/11 have had a serious impact on the condition of the borough's road network's fabric and numerous potholes have appeared on road surfaces following the thaw of the ice. Although the results of the annual road condition indicators will be used to plan road resurfacing and footway re-paving schemes within the network, roads that have deteriorated badly as a result of the weather have been prioritised for treatment during 2011/12.

The DfT have allocated additional funding to all highway authorities in recognition of the serious impact on road surfaces of the snow and ice. In Haringey, this amount is £214,000 and this has been allocated between the Area Committees to decide which roads will receive additional repairs and is not included as part of this work programme.

Design Policy

- 3.6 The footway works will be based on the Council's Streetscape Design Manual. Therefore footway improvements will in general convert paved footways to '*black-top*' bitumen macadam except where this in town centres or Conservation areas, as this leads to less trips and easier protection against vehicular damage. In particular any footways where vehicles are allowed to park with two wheels on the footway will be constructed with a hidden concrete strengthening below a '*black-top*' bitumen surfacing wherever possible.

Consultation

- 4.1 The various schemes developed through this works plan will now be the subject of further consultation. The level of consultation depends on the impact of the scheme on the local community. In line with good practice the Council will always feedback following consultation.
- 4.2 Cabinet agreed to a consultation strategy for schemes in March 2008. Under the system there are different levels of consultation based on the following 3 levels of notification and consultation:
- Notification of works (All works)
 - Statutory notification (All schemes that require statutory notification)
 - Full consultation (Any high profile schemes – agreed as part of this Sustainable Transport works programme and any other schemes that later seem to require it by the agreement of the Lead Member)
- 4.3 The Council has a commitment to engage all stakeholders when developing proposals to address traffic and transport issues. Schemes developed for the Works Plan will be the subject of consultation as summarised above.
- 4.4 The proposed consultation process is shown for each scheme type in the table in Appendix 3.

Details of Schemes

- 5.1 The capital allocation for 2011/12 has been financed by the following three funding streams:
- TfL's Local Implementation Plan Funding (LIP), including funding for car clubs and Biking Boroughs - £2,920,500
 - The Council's capital investment of - £3,103,000
 - Schemes funded from other funding sources - £476,000
- 5.2 This report will set out, in turn, the details of the proposed projects. These are by type of works, rather than by funding source. The report does not detail revenue works as these are of a routine maintenance nature and are more responsive in nature. A breakdown of investment by ward is included as Appendix 5.

Main Roads and Neighbourhoods

- 5.3 With the changes to the LIP allocation methodology we will be allocating funding to major roads to develop holistic proposals to address transport, safety and urban realm issues. The selection of the corridors is based on analysis of relevant data such as road safety, linkages to identified regeneration areas, cycle route network, town centres and the level of previous transport investment.

Table 1: Main Roads and Neighbourhoods

Road Name	Ward	Estimated Cost 2011/12 (£k)	Indicative allocation 2012/13 (£k)	Indicative allocation 2013/14 (£k)
Green Lanes between Turnpike Lane and Borough boundary	Harringay/St Ann's/Seven Sisters	150	616	500
Wood Green High Road, N22 between Lordship Lane and Borough boundary with LB Enfield	Woodside/Bounds Green	100		
Tottenham gyratory complementary measures	Tottenham Green			60
Seven Sisters neighbourhood	Seven Sisters			100
SUB-TOTAL		250	616	660

Local Roads

- 5.4 Around £1.3m is available for resurfacing Borough roads and footways in 2011/12. A plan showing the carriageway and footway investment programme is included as Appendix 1. The total for investment in Borough roads and footways, bridges and highways structures is set out below.

Table 2: Planned investment in Borough Roads

Description	2011/12 (£k)
<i>Council funded</i>	
Footway relaying	395
Classified and Unclassified roads resurfacing	905
Sub total	1,300
<i>TfL LIP funded</i>	
Principal Road reconstruction	380
Bridges	162
Sub total	542
Total	1,842

Principal, Classified and Unclassified Roads Resurfacing

- 5.5 Principal Road reconstruction: Funding for this is provided by TfL. There is a LIP target relating to the standard of the principal road network [see para 3.4 above].

Table 3: Principal Roads – Funded projects - 2011/12

Road Name	Ward	Estimated Cost (£k)
A103 Tottenham Lane from Rokesly Avenue to Elmfield Avenue	Hornsey	137
A504 Muswell Hill Broadway between Colney Hatch Lane and Fortis Green	Muswell Hill	243
SUB-TOTAL		380

- 5.6 Classified and Unclassified Roads: The Council investment of £1,300,000 for 2011/12 will be used to resurface roads that have deteriorated as a result of the recent cold weather. Future needs will need to be reviewed as part of the Sustainable Transport Asset Management Plan. Tables 4, 5 and 6 provide information on our provisional programme for 2011/12.

Table 4: Classified Non-principal roads – Network Treatment Priority List 2011/12

Road Name	Ward	Estimated Cost (£k)
Alexandra Park Road, N10/N22	Alexandra	160
Perth Road, N22	White Hart Lane	75
SUB-TOTAL		235

**Table 5: Unclassified roads
Network Treatment Priority List 2011/12**

Road Name	Ward	Estimated Cost (£k)
Bishopswood Road, N6	Highgate	61
Bloomfield Road, N6	Highgate	38
Holmesdale Road, N6	Highgate	12
Elder Avenue, N8	Crouch End	60
Connaught Gardens, N10	Muswell Hill	23
Stanhope Gardens, N4	St Ann's	66
Gedeney Road, N17	White Hart Lane	27
Park View Road, N17	Tottenham Hale	35
Hartham Road, N17	Bruce Grove	20
Holmesdale Terrace, N15	Seven Sisters	9
St Loys Road, N17	Bruce Grove	19
Woodside Road, N22	Woodside	102
Gladstone Avenue	Noel Park	126
Stanmore Road, N15	West Green	72
SUB-TOTAL		670

Another harsh winter has left many roads in the Borough in a poor state of repair with numerous potholes and the breaking up of roads surfaces.

- 5.7 Footways : Footway works were a key priority for the public who responded to the On the Road to Improvement Consultation undertaken by the Council in 2007. Our condition surveys show that there are a greater percentage of footways (27%) needing maintenance than the borough roads. This investment also contributes to improving the walking environment. It is therefore proposed to allocate £395,000 of the Council investment to deal with those footways in need of urgent repairs.

Table 7: Footway Network – Priority List for 2011/12

Road Name	Ward	Estimated Cost (£k)
Wightman Road, N8	Harringay	7
Onslow Gardens, N10	Muswell Hill	24
Hurst Green, N6	Crouch End	41
Dukes Avenue, N10	Fortis Green	55
Rokesly Avenue, N8	Hornsey	24
White Hart Lane, N22	Woodside	32
Park Avenue, N22	Woodside	36
Gladstone Avenue, N22	Noel Park	28
Tower Gardens Road, N17	White Hart Lane	40
Awlfield Avenue, N17	White Hart Lane	43
Flexmere Road, N17	White Hart Lane	16
Newsam Avenue, N15	St Ann's	22
Antill Road, N15	Tottenham Hale	27
Total to date		395

- 5.8 Highway Bridges and Structures: For 2011/12 £162,000 of LIP funding has been allocated towards highway bridges and structures. The funding will be used for bridge assessment and design work only. In addition, there is capital funding for structures, drainage and road safety priorities. In 2011/12 our drainage works are mainly of a reactive nature with only one scheme being included in the 11/12 programme, for which additional funding is being sought.

Table 8: Bridges Investment for 2011/12

Bridge Name	Ward	Estimated cost (£k)
Wightman Road – strengthening design only	Harringay	100
Finsbury Park over New River	Harringay	15

- assessment		
Ferry Lane over Pymmes Brook - assessment	Tottenham Hale	15
Station Road over New River - assessment	Woodside	12
Woodside Avenue over Railway - assessment	Fortis Green	20
Allocated Budget - £162k		
Springfield Ave Steps	Muswell Hill	45
The Bank, Highgate Hill	Highgate	60
North Hill, retaining wall	Highgate	8
Allocated budget £113k		

Street lighting

- 5.9 The Council is nine years into a major lighting column replacement programme. This makes a major contribution to the improved night time environment, makes residents feel safer and helps reduce crime and the fear of crime. Street lighting is also implemented to improve road safety. To date 48% of our streetlights have been renewed and 25% were already in a good condition. This leaves 27% still to be replaced or 4,400 columns.

Table 9: Street Lighting proposed renewal areas 2011/12

AREA	WARD	VALUE (£k)
North Hill/Great North Road, N6	Highgate	48
Tynemouth Road, N17	Tottenham Green	140
St Ann's ward	St Ann's	135
Bruce Grove ward	Bruce Grove	165
Alexandra ward	Alexandra	145
Stuart Crescent, N22	Woodside	22
Bishopswood Road, N6	Highgate	23
Downhills Park Road, N17 [part]	West Green	22
Hampstead Lane, N6 [part]	Highgate	100
		800

Parking Programme

- 5.10 Much of our funding for 2011/12 is already committed to delivering rolling schemes including compliance work, provision of waiting and loading restrictions and disabled bays. As a carryover from 2010/11 we will be undertaking implementation work arising from a review of the Finsbury Park CPZ as well as legal costs associated with Belmont CPZ. Currently, £60,000 of the funding is unallocated. The Council has allocated £600,000 for its Parking Programme. In addition, we will implement car club bays and on street electric charging points. Our proposals will be linked in with other transport programmes where feasible.

Table 10: Parking Programme 2011/12

SCHEME NAME / LOCATION	TfL Allocation 2011/12 (£k)	Corporate Resources Allocation 2011/12 (£k)
Controlled Parking Zones		
Finsbury Park – Stroud Green ward		180
Additional parking schemes		
Car club bays – locations to be determined	20	20
On street electric charging points – locations to be determined	20	20
Waiting and loading restrictions – locations to be determined		80
Compliance of existing restrictions		100
Belmont CPZ legal costs		40
Pay and display – locations to be determined		80
Disabled bays – locations to be determined		60
Additional CPZ works – locations to be determined		60
Total	40	600

Road Safety

- 5.11 The combined funding for road safety in 2011/12 comes to £300,000 from TfL [£200,000] and the Council [£100,000]. This covers a range of initiatives including

specific local safety schemes and reactive safety measures. The identified schemes are targeted at reducing the level of killed and seriously injured casualties.

- 5.12 In addition, our planned work on Green Lanes would seek to address the very high level of road user casualties on this corridor. Similarly in developing our proposals for the major scheme centred on Wood Green High Road one of our key objectives is to reduce casualties among vulnerable road users in this busy shopping street.

Table 11: Road Accident Reduction Improvement List for 2011/12

SCHEME NAME / LOCATION	WARD	Allocation 2011/12 (£k)
Lordship Lane [High Road, N22 to Downhills Way]	Woodside/Noel Park	138
West Green Road [Belmont Road to Avenue Road]	St Ann's	102
Stroud Green Road junction with Upper Tollington Park	Stroud Green	36
Local safety scheme – to be identified		24
TOTAL AMOUNT OF FUNDING		300

Cycling schemes

- 5.13 We are anticipating substantial investment in cycling over the next three years. Haringey is one of 13 outer London boroughs awarded the status of Biking Borough. Using TfL funding consultants assisted the Council in developing its Biking Borough strategy in 2010. TfL has set aside £4m for the period 2011-2014 specifically for assist the implementation of Biking Borough strategies. TfL has allocated £320,500 to the Borough for 2011/12 to 2013/14. This funding will be used to promote Bikeability cycle training in schools, cycle route infrastructure improvements, cycle parking, workplace travel planning interventions, cycle safety and security initiatives, bike recycling scheme, cycle rangers project, cycling for health scheme and cycle community project. In addition we are setting aside £450,000 of LIP funding over the same time period. The focus of our investment will be to establish Wood Green as the cycling hub for the Borough. For the hub we are planning to complete local cycle routes within about 2km of Wood Green, signage, provide additional cycle parking, engage with workplaces in the town centre to promote more cycling through cycle parking, showers and lockers etc, promote cycle safety and security interventions,

cycle training for adults and pupils and establish a marketing and promotional campaign. Away from the hub our plans include working with partners in the NHS to promote cycling, setting up volunteer rangers and running Dr Bike sessions in parks. Overall we anticipate investing £670,000 over the next three years.

5.14 As well as funding for our Biking Borough strategy we will also be promoting cycling through a substantial cycle training programme and continuing our investment in cycle parking in the Borough.

5.15 Further investment will be made in Greenways cycle and pedestrian routes to complement the Biking Borough spend with work targeted at link 04 between Wood Vale and Alexandra Palace and on link 03 between Lordship Recreation Ground and the Lea Valley.

Table 12: Cycling schemes

Scheme Name / Location.	Allocation (£k)	Provisional Allocation (£k)	Provisional Allocation (£k)
	2011/12	2012/13	2013/14
Biking Borough – LIP funding	156	147	147
Biking Borough – TfL funding	61.5	205	54
Greenways – link 03	100		
Greenways – link 04	200	100	
Cycle Training Programme	100	100	110
Cycle Parking borough wide	23	21	21
Total Amount of Funding Committed £k	640.5	573	332

Walking schemes

5.18 There is no LIP or other TfL funding dedicated for walking projects in 2011/12 although the Greenways cycle and pedestrian routes above provide support for more walking. We are planning to complete or commence a number of schemes funded through S106/S278 as shown in the table overleaf.

Table 13 Walking schemes

Scheme Name / Location	Ward	Allocation (£k)
		2011/12
426- 428 Archway Road, N6 – footway improvements	Highgate	15
658-660 High Road, N17 – footway and street lighting improvements	Tottenham Hale	49
Former Hornsey Central Hospital, Park Road, N8 – footway, cycle route, entry treatment and pedestrian crossing improvements	Muswell Hill/Crouch End	154
Hale Village, Ferry Lane, N17 – footway and junction improvements, street lighting	Tottenham Hale	100
Former day nursery Plevna Crescent, N15 – footway improvements	Seven Sisters	20
Rangemoor Road/Herbert Road, N17 – raised table	Tottenham Green	33
2-4 Broadlands Road, N6 – footway improvements	Highgate	30
Cross Lane, N8 – footpath improvements	Hornsey	75
Total Amount of Funding Committed £k		476

Improving bus facilities and services

5.19 There is no specific funding for bus priority measures. However, we will support bus priority and bus stop accessibility on Wood Green High Road in the town centre [see Table 14 below] and Green Lanes [see Table 1 above]. In addition TfL have recently agreed to fund the trial of relocating a bus stop in Muswell Hill.

Scheme Name / Location	Ward	Allocation (£k)
		2011/12
Relocation of bus stop at Muswell Hill and possible 20mph limit	Muswell Hill	55

Town Centres and Transport Hubs

5.20 These projects aim to meet a wide range of objectives through a single project, for example, to improve accessibility to major transport hubs such as Wood Green, or support the vitality and viability of town centres as well as bringing about public realm improvements or reducing accidents.

5.21 TfL has allocated development funding of £100,000 for a major scheme for Wood Green following submission of our proposals in October 2010. The major scheme proposal will complement the recently completed station access programme including the diagonal crossing outside Wood Green tube station. TfL funded a pilot project, undertaken by consultants, looking at three outer London town centres including Wood Green with the aim of delivering urban realm proposals; develop a framework for delivering the Mayor's Better Streets urban realm interventions and identifying a programme of proposals. This work informed our proposals for Wood Green town centre. Our initial plans for the town centre include:

- reducing street clutter
- renewing footway paving
- investigating the potential for diagonal crossing outside Turnpike Lane tube station
- improved public realm eg tree planting, seating and lighting
- replacing the existing bus shelters
- infilling bus laybys
- revise entry treatment at Gladstone Avenue/Buller Road junction
- redesign of Turnpike Lane bus and tube station environment

The estimated investment through the major scheme would be about £3.8m with completion planned for 2014.

Table 14: Town Centre and Transport Hub schemes

Scheme Name / Location.	Allocation (£k)
	2011/12
Wood Green Town Centre – major scheme	100
Total Amount of Funding available £k	100

Smarter Travel

5.22 Smarter Travel is the term used to describe the range of activities which encourage reduced car use through behaviour change. In this area, the Council has been most active on School Travel Plans, Road Safety Education and its own Staff Travel Plan. However, it includes general awareness, education and promotion such as Green Fair bike week and walking events.

5.23 We have been working on a joint project with LB Enfield and TfL to develop cross-borough smarter travel measures as actions to reduce car use can be most effective

at a sub-regional level as much car travel crosses borough boundaries. In developing our programme we have taken advantage of specialist expertise and databases used by TfL. The use of market segmentation data [MOSAIC] has been used to assess the effectiveness of types of interventions. The programme in Table 15 reflects this work with specific objectives:

- Increase levels of cycling
- Health and active travel
- Reduce the number of child accidents
- Improve air quality and reduce CO2 emissions
- Reduce traffic and congestion

5.24 Our focus on smarter travel will be on promotional and marketing activities, working with schools on travel plans, developing workplace travel plans and promoting road safety in schools.

Table 15: Smarter Travel projects

Scheme Name / Location.	Allocation (£k)
	2011/12
Sub regional workplace travel planning	25
Smarter Travel website	5
Marketing campaign	70
Setting up Neighbourhood champions	5
Launch event for smarter travel initiatives	20
Greenways complementary measures [Link 04]	25
Supporting measures for Cycle Hubs	50
Town centre and retail areas travel planning	50
Publicity and marketing measures for schools	50
Road safety interventions in schools	50
Festival roadshows	40
Walk and cycle reward incentives	40
Safe Drive/Stay Alive road safety project	20
Smarter travel staff resource	83
Total for Smarter Travel	533

Accessibility and Environment

- 5.25 We will be supporting the Haringey Community Transport scheme to meet the needs of people unable to use conventional public transport as well as providing a service for local community groups. Some funding would be through the Local Transport Funding.
- 5.26 We are working with Sustrans on an initiative called DIY Streets for inexpensive home zone type treatment for residential areas. A scheme has been developed for the area around Carlingford Road and Langham Road, N15 with initial designs prepared. We will carry out consultation and implement this scheme in 2011/12 as well as initiating consultation of a further DIY streets project in the Hornsey area with implementation between 2012 and 2014.

Table 16: Accessibility and Environment projects

Scheme Name/Location	Ward	2011/12 Allocation (£k)	2012/13 indicative allocation (£k)	2013/14 indicative allocation (£k)
Community Transport	Borough-wide	40		
DIY Streets – Langham Road area	West Green	400		
DIY Streets – Hornsey area	Muswell Hill/Hornsey	75	225	100
Total		515	225	100

Local Transport Fund

- 5.27 In line with every other London borough TfL have allocated £100,000 to the Council to develop local transport projects for 2011/12. We will use some of the funding to extend Haringey's Community Transport scheme, small scale road safety projects and bus accessibility works.

Achievements of 2010/11 Sustainable Transport Work Plan

- 6.1 The details of the projects with the associated spend in 2010/11 is set out in Tables 5.1 to 5.5 in Appendix 5. Total spend on the Highways Work Plan for 2010/11 is shown in Table 17.

Table 17: Overall investment for 2010/11

Funding Stream	2010/11 Original Allocation (£k)	2010/11 Revised Allocation (£k)	2010/11 Projected Spend (£k)
LIP and other TfL funding	4,328	4,654	4,420
Council Investment	3,426	4,170	4,159
Other Funding	328	460	319
Total	8,082	9,284	8,898

Conclusions

- 7.1 This document sets out a detailed programme for the Sustainable Transport service for the coming year linking investment to Council priorities on the basis of need and performance. Substantial Council investment on street lighting, footway maintenance and parking schemes complements TfL funding through the LIP.

Use of Appendices / Tables

- 8.1 Appendix 1 - Location Plan of Planned Sustainable Transport Schemes**
- 8.2 Appendix 2 – Transport investment by Ward**
- 8.3 Appendix 3 – Type of Consultation for schemes**
- 8.4 Appendix 4 – Sustainable Transport Work Plan 2010/11 achievements**
- 8.5 Appendix 5 - Programme of Works delivered in 2010/11**
 - Table 5.1 – Summary of LIP Programme 2010/11
 - Table 5.2 – Summary of Highways Investment Programme 2010/11
 - Table 5.3 – Additional sources of funded schemes delivered in 2010/11
 - Table 5.4 – Classified and unclassified roads resurfaced in 2010/11
 - Table 5.5 – Footway maintenance schemes completed in 2010/11

- 8.6 Appendix 6 – Summary of Draft Local Implementation Plan**

8.2

Appendix 2: Transport Investment by Ward

WARD	TRANSPORT AREA	PROJECT
Alexandra	Street lighting	Alexandra ward
	Carriageway resurfacing	Alexandra Park Road
Bounds Green	Main Roads and Neighbourhoods	Wood Green High Road
Bruce Grove	Carriageway resurfacing	Hartham Road, St Loys Road
	Street lighting	Bruce Grove ward
Crouch End	Carriageway resurfacing	Elder Avenue
	Footway resurfacing	Hurst Green
	Walking	Park Road
Fortis Green	Footway resurfacing	Dukes Avenue
	Bridges and structures	Woodside Avenue over railway
Harringay	Footway resurfacing	Wightman Road
	Bridges and structures	Wightman Road, Finsbury Road
	Main Roads and Neighbourhoods	Green Lanes
Highgate	Carriageway resurfacing	Bishopswood Road, Bloomfield Road, Holmesdale Road
	Street lighting	North Hill/Great North Road, Bishopswood Road, Hampstead Lane
	Walking	Archway Road, Broadlands Road
	Structures	Highgate Hill
Hornsey	Carriageway resurfacing	Tottenham Lane
	Footway resurfacing	Rokesly Avenue
	Walking	Cross Lane
	Environment	DIY streets study
Muswell Hill	Carriageway resurfacing	Muswell Hill Broadway, Connaught Gardens
	Footway resurfacing	Onslow Gardens
	Walking	Park Road
	Environment	DIY streets study
	Structures	Springfield Avenue

WARD	TRANSPORT AREA	PROJECT
	Bus stops	Muswell Hill roundabout
Noel Park	Carriageway resurfacing	Gladstone Avenue
	Footway resurfacing	Gladstone Avenue
	Road safety	Lordship Lane
	Town centre	Wood Green town centre study
St Ann's	Carriageway resurfacing	Stanhope Gardens
	Footway resurfacing	Newsam Avenue
	Main Roads and Neighbourhoods	Green Lanes
	Street lighting	St Ann's ward
	Road safety	West Green Road
Seven Sisters	Main Roads and Neighbourhoods	Green Lanes
	Carriageway resurfacing	Holmesdale Terrace
	Walking	Plevna Crescent
Stroud Green	CPZ	Finsbury Park area
	Carriageway resurfacing	Mount View Road
	Road safety	Stroud Green Road jn with Upper Tollington Park
Tottenham Green	Walking	Rangemoor Road/Herbert Road
	Street lighting	Tynemouth Road
Tottenham Hale	Footway resurfacing	Antill Road
	Carriageway resurfacing	Park View Road
	Walking	High Road, Ferry Lane
	Bridges and structures	Ferry Lane over Pymmes Brook
West Green	Environment	Langham Road area
	Carriageway resurfacing	Stanmore Road
	Street lighting	Downhills Park Road
White Hart Lane	Carriageway resurfacing	Perth Road, Gedeney Road
	Footway resurfacing	Tower Gardens Road, Awlfield Avenue, Flexmere Road
Woodside	Main Roads and Neighbourhoods	Wood Green High Road
	Carriageway resurfacing	Woodside Road

WARD	TRANSPORT AREA	PROJECT
	Footway resurfacing	White Hart Lane, Park Avenue
	Street lighting	Stuart Crescent
	Bridges and structures	Station Road over New River
	Road safety	Lordship Lane
BOROUGH WIDE PROJECTS		
Road safety initiatives		Schemes to be identified
Smarter travel projects		Workplace travel planning, marketing initiatives, complementary travel planning measures, road safety interventions at schools, roadshows
Cycling		Cycle training programme, cycle parking programme
Parking		On-street recharging facilities for electric vehicles
Local Transport Fund		Proposals to be developed
Car club bays		Locations to be agreed
Waiting and loading restrictions		Locations to be agreed
Compliance with existing restrictions		Locations to be agreed
Pay and display		Locations to be agreed
Disabled bays		Locations to be agreed
Accessibility		Community transport project

8.3

Appendix 3: Type of Consultation for schemes

Scheme Name / Location.	Allocation (£k)	Consultation Type		
	2011/12	Notification	Statutory Notification	Full Consultation
Principal Road Renewal				
A103 Tottenham Lane from Rokesly Avenue to Elmfield Avenue	137	✓	✓	
A504 Muswell Hill Broadway between Colney Hatch Lane and Fortis Green	243	✓	✓	
Bridges				
Wightman Road – strengthening design only	100	N/A	N/A	N/A
Finsbury Park over New River - assessment	15	N/A	N/A	N/A
Ferry Lane over Pymmes Brook - assessment	15	N/A	N/A	N/A
Station Road over New River - assessment	12	N/A	N/A	N/A
Woodside Avenue over railway - assessment	20	N/A	N/A	N/A
Corridors/Main Roads				
Green Lanes between Turnpike Lane and Borough boundary	150	✓	✓	✓
Wood Green High Road between Lordship Lane and boundary with LB Enfield	100	✓	✓	
Local Safety Schemes				
Lordship Lane [High Road, N22 – Downhills Way]	138	✓	✓	
West Green Road [Belmont Road – Avenue Road]	102	✓	✓	
Stroud Green Road junction with Upper Tollington Park	36	✓	✓	
Local safety scheme – to be identified	24	✓	✓	
Smarter Travel				
Sub regional workplace travel planning	25	N/A	N/A	N/A
Smarter Travel website	5	N/A	N/A	N/A
Marketing campaign	70	N/A	N/A	N/A
Setting up Neighbourhood champions	5	N/A	N/A	N/A
Launch event for smarter travel initiatives	20	N/A	N/A	N/A
Greenways complementary measures [Link 04]	25	N/A	N/A	N/A
Supporting measures for Cycle Hubs	50	N/A	N/A	N/A
Town centre and retail areas travel planning	50	N/A	N/A	N/A
Publicity and marketing measures for schools	50	N/A	N/A	N/A
Road safety interventions in schools	50	N/A	N/A	N/A

Festival roadshows	40	N/A	N/A	N/A
Walk and cycle reward incentives	40	N/A	N/A	N/A
Safe Drive/Stay Alive road safety project	20	N/A	N/A	N/A
Smarter travel staff resource	83	N/A	N/A	N/A
Cycling				
Biking Borough – LIP/TfL funding	227.5	✓	✓	
Greenways – links 03/04	300	✓	✓	
Cycle Training Programme	100	N/A	N/A	N/A
Cycle Parking borough wide	23	N/A	N/A	N/A
Walking				
426- 428 Archway Road, N6 – footway improvements	15	✓	✓	
658-660 High Road, N17 – footway and street lighting improvements	49	✓	✓	
Former Hornsey Central Hospital, Park Road, N8 – footway, cycle route, entry treatment and pedestrian crossing improvements	154	✓	✓	
Hale Village, Ferry Lane, N17 – footway and junction improvements, street lighting	100	✓	✓	
Former day nursery Plevna Crescent, N15 – footway improvements	20	✓	✓	
Rangemoor Road/Herbert Road, N17 – raised table	33	✓	✓	
2-4 Broadlands Road, N6 – footway improvements	30	✓	✓	
Cross Lane, N8 – footpath improvements	75	✓	✓	

Town Centres/Transport Hubs				
Wood Green – scheme design	100	✓	✓	✓
Accessibility and Environment				
Shopmobility project	40	N/A	N/A	N/A
DIY Streets – Langham Road area	400	✓	✓	
DIY Streets – Hornsey area	75			✓
Local Transport Fund	100	N/A	N/A	N/A
Council Capital Investment				
Street lighting new columns	800	✓	✓	
Classified and Unclassified roads resurfacing	905	✓	✓	

Footway relaying	395	✓	✓	
Parking Plan				
Controlled Parking Zones (CPZ)				
Finsbury Park review	180	✓	✓	✓
Additional parking schemes				
Waiting and loading restrictions – locations to be determined	80	✓	✓	
Compliance of existing restrictions	100	✓	✓	
Belmont CPZ legal costs	40	N/A	N/A	N/A
Pay and display - schemes to be identified	80	✓	✓	✓
Disabled bays – locations to be determined	60	✓	✓	
Additional CPZ works – locations to be determined	60	✓	✓	✓
Car club bays – locations to be determined	20	✓	✓	✓
On-street electric charging points – locations to be determined	20	✓	✓	✓

8.4 Appendix 4 – Sustainable Transport Work Plan achievements 2010/11

- 8.1 **Local Safety Schemes** – projects delivered comprised a 20mph school zone outside Woodside School on White Hart Lane; vehicle activated warning signs on Tottenham Lane; Buckingham Road bridge pedestrian and cycle safety improvements; footway widening on Park Road and road marking improvement on Priory Road and North Hill.
- 8.2 **School Travel Planning** – signage and signage was placed outside Lancasterian primary, Risley Avenue primary, South Harringay primary, Highgate Wood secondary, Highgate school, Devonshire Hill primary, Campsbourne primary, Seven Sisters primary, Rokesly primary and Our Lady of Muswell primary. In addition a wide range of soft measures have been put in at a number of schools.
- 8.3 **20mph Zones** – completed schemes in Tottenham Hale, Hornsey Park Road area and Wightman Road.
- 8.4 **Walking** – pedestrian accessibility enhancements in various locations through development proposals; diagonal pedestrian crossing outside Wood Green underground station plus dropped kerbs at various locations.
- 8.5 **Principal Road Maintenance** – schemes completed on Park Road, High Road, N22 and High Road, N17.
- 8.6 **Cycling** – 66 cycle stands have been installed; cycle training has been delivered at schools and for individuals living or working in Haringey; work on Greenways Link 04 undertaken including signage, improvements to Wood Vale to Park Road path and enhancements to link between Park Avenue North and North View Road and improvements to a toucan crossing on White Hart Lane with entry tables and new shared use area. Cycle lanes on Wood Green High Road and cycle route and cycle parking on Hornsey Park Road
- 8.7 **Travel awareness** – we organised a number of events throughout the year including participating in Green Fair, supporting Tottenham Carnival and Lordship Rec event and held Dr Bike sessions in parks throughout the summer.
- 8.8 **Bridges** – strengthening work completed on Buckingham Road bridge and assessments completed of 5 bridges.
- 8.9 **Corridors/Main Roads** – bus stop accessibility and pedestrian accessibility improvements on High Road, N22 and pedestrian enhancements on High Road, N17.
- 8.10 **North Circular Road** – traffic calming schemes completed in Palace Gates area comprising a 20mph zone with 7.5 tonne weight limit; 20mph zone completed in Bidwell Gardens area.
- 8.11 **Car Clubs** – provision of additional 20 car club bays throughout the borough.
- 8.12 **Council Investment – Highways Planned Maintenance** – delivered 43 carriageway resurfacing schemes to improve deteriorated sections of the network. This equated to 11km of non-principal classified and unclassified roads. In addition 7 footway locations were re-laid.

- 8.13 **Council Investment – Street Lighting renewals** – delivered £0.8m renewal programme for replacement of street lighting. This equated to approximately 530 columns.
- 8.14 **CPZ's** – new schemes implemented in Crouch End area, Woodside and Belmont Road area and extensions to existing CPZs in Fortis Green and Bounds Green.
- 8.15 **Environment** – completion of outline designs for DIY Streets project in Langham Road area.

8.5 APPENDIX 5 – Programme of Works delivered in 2010/11

TABLE 5.1 – SUMMARY OF LIP PROGRAMME AND OTHER TFL FUNDING 2010/11

LIP PROGRAMME	Original 2010/11 Allocation (£k)	2010/11 Outturn (£k)
Principal Road Maintenance	380	379
Bridge Assessment & Strengthening	883	726
Local Safety Schemes	100	100
20mph zones	350	348
ETP (Education, Training and Publicity)	59	59
Electric charging points	64	63
Cycling inc Greenways	147	138
Main roads/corridors	1057	1021
Station access	350	335
Smarter travel initiatives	80	73
School travel plans	217	215
Environment	85	85
Travel Awareness	10	10
Local area accessibility	42	42
Local transport funding	100	90
Workplace travel planning	10	9
Sub Total	3,934	3,693
A406	670	675
Car Clubs	50	52
TOTAL	4,654	4,420

TABLE 5.2 – SUMMARY OF HIGHWAYS INVESTMENT PROGRAMME 2010/11

PROGRAMME	2010/11 Budget (£k)	2010/11 Outturn (£k)
Road and Footway Resurfacing	2600	2593
Parking Plan	670	671
Road Safety	100	95
Street Lighting	800	800
TOTAL	4,170	4,159

TABLE 5.3: ADDITIONAL SOURCES OF FUNDING IN 2010/11

SCHEME	2010/11 Budget (£k)	2010/11 Outturn (£k)
103-149 Cornwall Road	5	5
725-733 Lordship Lane, N22	43	48
2A Brabant Road, N22	60	61
242/274 Hermitage Road, N4	25	25
Hesta annex , White Hart Lane	50	50
113-115 Roden Court, N6	50	43
Lynx depot site, Coppetts Road, N10	44	7
Coleridge Road, N8	20	20
120 -128 Mayes Road, N22	15	15
Waverley Road, N17	25	22
1 Mount Pleasant Villas, N4	20	18
158 Tottenham Lane, N8	10	0
College Road, N17	4	0
Total Section 106	371	314
Tottenham Hotspurs	53	0
2-4 Broadlands Road, N6	30	0
Waverley Road, N17	6	5
Total Section 278	89	5
Total Section 106/278	460	319

TABLE 5.4 CLASSIFIED AND UNCLASSIFIED ROADS RESURFACED IN 2010/11

SCHEME NAME / LOCATION	
Classified Roads	Ward
Perth Road, N22	Woodside
Muswell Hill Road, N10	Muswell Hill
Colney Hatch Lane, N10	Fortis Green
St Ann's Road, N10	St Ann's
Hampstead Lane, N6	Highgate
Ferme Park Road, N4	Stroud Green
Unclassified Road	Ward
Lealand Road, N15	Seven Sisters
Crowland Road, N15	Seven Sisters
Wargrave Avenue, N15	Seven Sisters
Ferndale Road, N15	Seven Sisters
Gloucester Road, N17	Bruce Grove
Higham Road, N17	Bruce Grove
Harold Road, N15	Tottenham Green
Windsor Road, N17	Tottenham Hale
Birkbeck Road, N17	Northumberland Park
Allison Road, N8	Harringay
Hewitt Road, N8	Harringay
Warham Road, N4	Harringay
Drylands Road, N8	Crouch End
Crouch Hall Road, N8	Crouch End
Tivoli Road, N8	Crouch End
Mount View Road, N4	Stroud Green
Holmesdale Road, N6	Highgate
Cholmeley Park, N6	Highgate
Wellfield Avenue, N10	Fortis Green
Gladstone Avenue, N22	Noel Park
Dowsett Road, N17	Tottenham Hale
Muswell Road, N10	Alexandra
Kings Avenue, N10	Fortis Green

Bruce Castle Road, N17	Northumberland Park
Summerhill Road, N15	Tottenham Green
Talbot Road, N6	Highgate
Tetherdown, N10	Fortis Green
Onslow Gardens, N10	Muswell Hill
Oak Avenue, N17	White Hart Lane
Chester Road, N17	Bruce Grove
Steele Road, N17	Bruce Grove
Westerfield Road, N15	Tottenham Green
Candler Street, N15	Seven Sisters
Hampden Road, N8	Harringay
Victoria Road, N22	Alexandra
Bidwell Gardens, N10	Alexandra
Gladesmore Road, N15	Seven Sisters

TABLE 5.5 – FOOTWAY MAINTENANCE SCHEMES COMPLETED 2010/11

Roads	Ward
Shepherds Hill, N6	Crouch End
Wood Vale, N10	Muswell Hill
Onslow Gardens, N10	Muswell Hill
Wargrave Avenue, N15	Seven Sisters
Grove Road, N15	St Ann's
The Avenue, N17	Bruce Grove
Flexmere Road, N17	White Hart Lane

8.6 Appendix 6: Summary of Draft Local Implementation Plan

EXECUTIVE SUMMARY

Haringey Council are legally required to prepare a Local Implementation Plan (LIP) containing proposals for the delivery of the Mayors Transport Strategy (MTS) in Haringey. The LIP is a borough wide transport strategy detailing the council's transport objectives and delivery proposals for 2011-2014 which reflect the transport needs and aspirations of people in Haringey and contributes towards the implementation of key priorities within the MTS over the 20 year period 2011-2031.

Haringey's transport challenges

The transport challenges and opportunities facing Haringey over the next 20 years have been identified and prepared within the context of the goals and challenges of the MTS, the sub regional transport plan for North London, and through consultation with Haringey residents and key stakeholders. From this the following LIP objectives have been developed:

- Reduce Haringey's deprivation and health inequalities by improving access for all to essential services, including health, education, employment, social and leisure facilities across the borough.
- Ensure Haringey's transport network can accommodate increases in travel demand by tackling congestion, increasing sustainable transport capacity, encouraging modal shift and reducing the need to travel.
- Facilitate an increase in walking and cycling to improve the health and wellbeing of Haringey's residents.
- Reduce the number of people killed and seriously injured on Haringey's transport network and reduce the number of casualties among vulnerable road users.
- Increase transport access and connectivity to and from Haringey's key employment and regeneration areas, including Wood Green town centre, and the growth areas of Haringey Heartlands and Tottenham Hale.
- Improve air quality within the borough through initiatives to reduce and mitigate the effects of pollutant emissions from road and diesel operated rail transport.
- Reduce Haringey's CO₂ emissions from transport through smarter travel measures to reduce car use and encourage the use of low carbon transport alternatives, to ensure the transport sector makes the necessary contribution to achieving a 40% carbon reduction by 2020 and a 60% reduction by 2025.
- Reduce crime, the fear of crime and anti-social behaviour on all modes of transport and in the public realm in Haringey.
- Improve the condition and legibility of principal roads, cycle paths and footways within the borough, having regard to the public realm, and increase satisfaction with the condition of the network.

- Ensure that transport protects and enhances Haringey's natural and historic environment including biodiversity, geodiversity, landscape, townscape, cultural heritage, water resources and land.
- Minimise the effects of unpredictable events arising from climate change on the transport network.

LIP delivery plan priorities

The objectives have been used to develop our transport programmes and projects. The LIP delivery plan prioritises the types of transport schemes to be delivered through the neighbourhoods and corridors, smarter travel, maintenance and major schemes funded programmes during the 3 years period between 2011/12 to 2013/14 and beyond. The table below summarises the proposals 2011 -2014.

Our Delivery Plan is summarised in the table below.

Project/ Programme	2011/12 £k	2012/13 £k	2013/14 £k	Total £k
Green Lanes, Haringay and St Ann's Neighbourhood	150	616	500	1,266
Tottenham gyratory complementary measures	0	0	60	60
Wood Green High Road north of station to borough boundary	100	0	0	100
Seven Sisters Neighbourhood	0	0	100	100
Local safety schemes	200	200	200	600
DIY streets – Langham Road area, N8	400	0	0	400
DIY streets – Hornsey area	75	225	100	400

DIY streets – Noel Park estate	0	0	90	90
Greenways pedestrian/cycle routes	300	100	0	400
Local cycle routes	0	100	0	100
Biking Borough measures	156	147	147	450
Cycle training	100	100	110	310
Electric charging points	20	20	20	60
Cycle parking	23	21	21	65
Behavioural change measures	65	145	179	389
School travel planning	308	328	308	944
Road safety ETP	85	70	70	225
Workplace travel planning	25	25	25	75
Travel awareness	50	30	50	130
Accessibility measures	40	40	40	120
Local transport projects	100	100	100	300
Sub total	2,197	2,267	2,120	6,584
Principal road maintenance (to be confirmed)	472	472	472	1,416

Bridges (to be confirmed)	460	1,769	395	2,624
Sub total	932	2,241	867	4,040
Wood Green Town Centre – major scheme (subject to approval)	100	1,800	1,956	3,856
Total	3,229	6,308	4,943	14,480

Performance Monitoring Plan

As part of the LIP the Council is required by the Mayor to prepare a Performance Monitoring Plan including targets for five mandatory indicators [mode share, bus service reliability, asset condition, road traffic casualties and CO₂ emissions]. We are also proposing a number of non-mandatory indicators with associated targets to reflect our focus on key transport issues.

We are also required to provide clear support for Mayoral projects for cycle superhighways, cycle parking, electric charging points, “Better Streets” principles, cleaner local authority fleets and increasing the number of street trees.

Equality Impact Assessment

In preparation of the LIP delivery plan an Equality Impact Assessment (EQIA) is included to ensure the proposals put forward within the document do not result in discrimination or unfair treatment against equality groups.

Strategic Environmental Assessment

A Strategic Environmental Assessment (SEA) of the LIP has been undertaken to ensure the schemes and programmes put forward consider all relevant environmental considerations. The SEA has been produced in consultation with The Environment Agency, Natural England and English Heritage.

