

**Report for:** Cabinet Member Signing 6th May

**Item number:** 3

**Title:** Sustainable Transport Works Plan (STWP) 2016/17

**Report authorised by:** Tracie Evans , Chief Operating Officer

**Lead Officer:** Ann Cunningham, Head of Traffic Management  
02084891355  
[Ann.cunningham@haringey.gov.uk](mailto:Ann.cunningham@haringey.gov.uk)

Peter Boddy, Interim Group Manager, Sustainable Transport  
02084891765  
[Peter.boddy@haringey.gov.uk](mailto:Peter.boddy@haringey.gov.uk)

**Ward(s) affected:** All

**Report for Key/  
Non Key Decision:** Key Decision

## **1 Describe the issue under consideration**

1.1 This report outlines the Sustainable Transport Works Plan for 2016/17, setting out the Council's approach to managing the highways infrastructure, and delivering Corporate Plan priorities and programmes. Investment is targeted at measures that:

- improve road safety, including tackling stretches of roads and junctions with accident problems,
- encouraging walking and cycling and the use of sustainable alternatives to private car use, and
- reducing congestion and delay, overcoming pinch points that impact on public transport services

1.4 The report also sets out the various funding streams for 2016/17, a Ward by Ward breakdown of the works attached as Appendix 1; key highlights of last year's programme attached as Appendix 2; and tables setting out the allocation of funds under each theme area attached as Appendix 3.

1.5 The funding streams indicated are based on the 2015/2016 indicative budget allocation for 2016/17 and are subject to Cabinet approval of the Council's Capital Strategy in June 2016.

## **2 Cabinet Member Introduction**

- 2.1 The transport infrastructure plays an important role in our everyday life, whether it is driving, cycling or walking on Haringey's highway network or using public transport services.
- 2.2 Our aim is to ensure that Haringey has a high quality, resilient highway network and a reliable public transport system that everyone can access. This year in line with our Corporate Plan priorities, we are investing £11.2m into a range of highways improvement schemes, making our streets safer, identifying and improving stretches of road and or junctions with high accident levels, improving the overall quality of our road network and encouraging walking and cycling.
- 2.3 We will continue to tackle congestion and delay, overcoming pinch points on bus routes, improving bus service reliability. Where appropriate we will declutter and remove guard rails and renew street furniture. We will promote alternatives to private car use, including car clubs and car sharing and will manage the increasing demand for road space by managing parking capacity in a balanced way.
- 2.4 The key highlights of next year's programme includes the commencement of the White Hart Lane project, which will lead to the delivery of a £5m public realm scheme linking the station to the new stadium; the implementation of the Farringdon to Bowes Park cycle (quiet way) route; and investing over £3m in improvements to our roads and footways.
- 2.5 We will continue to engage with residents, traders and other interested parties when developing transport schemes and programmes, allowing them to co-design solutions to traffic issues in their areas as far as possible.

### **3 Recommendations**

#### **3.1 That the Cabinet Member**

- Approves the Sustainable Transport Works Plan for 2016/17 as set out in the attached Appendix 1 – Ward by Ward breakdown.
- Authorises the Head of Traffic Management to consider any objections and representations to statutory consultation on schemes and to report back to the Cabinet Member if there are significant or substantial objections or concerns raised.
- Delegates decisions relating to detailed scheme design to the Head of Traffic Management.

### **4. Alternative options considered**

- 4.1 The Council has a statutory obligation to maintain the public highway network. This year's work plan has been determined through objective highway condition surveys, visual highways inspections, feedback from consultation with Ward Councillors and key stakeholders.

4.2 The programme also includes transport schemes previously agreed by Cabinet (September 2013) and funded as part of the borough's 3 year Local Implementation Delivery (LIP) Plan (2014-17) together with the annual funding submission to Transport for London (TfL).

## **5. Background information**

5.1 The total funding for 2016/17 is £11.2m. The works programme is divided into sections to demonstrate how it delivers corporate priorities.

5.2 The programme mainly supports the delivery of Corporate Plan Priority 3 – 'A clean and safe, well-maintained borough where people are proud to live and work' objectives, but also contributes to the delivery of a number of other priorities.

5.3 This will involve £8,076m being invested in improving road safety, £2,101m investment in Cycling, Walking and Public Transport improvements and the remaining £1,032m being invested in a range of other projects, including parking and drainage schemes.

5.4 The relevant Corporate Priority 3 objectives, with the main projects and programmes that will deliver the objectives' outcomes are set out below.

**Objective 1**-To strengthen partnerships and together work with our communities to improve the environment in which people feel safe and proud to live in, particularly through reducing anti social behaviour and environmental crime.

5.5 The Green Lanes and Tottenham Transport Reviews will involve extensive community engagement identifying and developing a series of measures to achieve a number of outcomes, including improving the urban realm, assessing the impacts of any future developments, rationalising traffic volumes and routes in order to achieve a more equitable distribution of traffic, identifying public transport pinch points and parking pressures. The areas under consideration are attached as maps in Appendix 4.

5.5 These studies will be completed over the coming year and will result in the development of a series of proposals to be delivered via various funding opportunities including subsequent STWP's.

**Objective 2** - To make our streets, parks and estates clean, well maintained and safe.

### **Borough Roads**

5.6 The Council will invest £3.444m in 2016/17 to improve the condition of its roads, making them safe and more pedestrian and cyclist friendly. The split between resurfacing of roads and replacement of footways is £1.938m and £1.306m respectively. A further £200k has been allocated for more enhanced general maintenance, including the removal of pedestrian guard rail, general de-cluttering and replacement of road signs etc.

### **TfL Structures/Bridges**

- 5.7 The £842k will be prioritised in strengthening bridges over Station Road and Wightman Road. Further in year allocations will be received for these two projects as they progress. Structural assessments will also be undertaken on 3 other bridges on Pemberton Road, Ferry Lane and Leaside Road.
- 5.8 Listed building consent was received during 2015/16 for anti suicide measures on Hornsey Lane Bridge. It is expected that implementation of these measures will take place early in 2016/17.
- 5.9 A total of £140k has been allocated to improve and make safe retaining walls on Highgate Hill and North Hill.

#### Street Lighting

- 5.10 There are approximately 18,000 lighting columns along the public highway under the responsibility of Haringey Council. In 2002 the Council adopted a white light policy and have since delivered a rolling programme of lighting column replacement to meet EU standards. Our three main objectives through this programme are to improve our lighting stock, to reduce the risk of crime through improved lighting conditions and to reduce CO2 emissions.
- 5.11 The life expectancy for columns is about 30 years and at present approximately 4300 columns are in need of replacement. The columns considered most at risk from failure are our cast iron and concrete columns. Many of our concrete column and aluminium columns have previously had steel sleeves fitted to extend their life expectancy.
- 5.12 The programmed number of columns/ lanterns to be replaced in 2016/17 is 132.
- 5.13 A fund of £130k has been allocated to continue the LED replacement and Christmas lighting programmes. The total number of LED lantern upgrades is 33.

#### Tottenham/ Northumberland Park Regeneration

- 5.14 A total of £1,070k GLA funding will be invested in walking and cycling improvements in North Tottenham / Northumberland Park. This will include installing new pedestrian crossing facilities, as well as improving the conditions of the footways and carriageway in Worcester Avenue.

#### Community Streets

- 5.15 A sum of £300k has been allocated to the successful Community Streets schemes. Since 2014/15 the scheme has been rolled out to Tottenham Hale, Tottenham Green and Hornsey Park neighbourhood areas. In 2016/17 this work will continue with local engagement, development and implementation of community co-designed highways schemes.

#### Local Road Safety Schemes

- 5.16 LIP funding for accident reduction and road safety in 2016/17 is £550k. This will be used to deliver remedial measures at identified casualty hot spots and speed reduction locations.
- 5.17 A study was undertaken during 2014/15 to investigate the boroughs Personal Injury Accidents (PIA) over the past three years and to identify clusters and trends. The study has been used to help inform the programme for 2016/17 along with the identification of other high casualty clusters.
- 5.18 A budget of £40k will be used for reactive road safety measures as identified during the year for low cost interventions such as signage and road markings.

**Objective 3:** To move to more sustainable modes of transport by making Haringey one of the most cycling and pedestrian friendly boroughs in London

#### Cycling Schemes

- 5.19 We are working with TfL on implementing Cycle Superhighway 1, due for completion during April 2016. This will run from Tottenham to Central London. We have also been working with TfL and Sustrans in the development of the Haringey section of the Farringdon to Bowes Park cycle quiet way. Subject to the confirmation of an additional estimated £1m funding will be available to deliver the project during 2016/17.
- 5.20 We will be promoting cycling through a substantial cycle training programme. Subject to funding we will also be continuing awareness training for lorry and van drivers, cycle grants to schools and the development of a cycle hub at Tottenham Hale station area.
- 5.21 The Borough Cycling Programme offered boroughs the opportunity to bid for additional 'top up' funding from 2014/15 to 2016/17. We were successful in this bid and received £144k during 2016/17 for measures including cycle training, cycle parking and cycle grants.
- 5.22 Additional cycle parking will be provided by the various cycle programmes. £15k will be used to install cycle stands at various locations. A further £100k will be used to expand the highly popular bike hangar programme by adding new sites where demand has been identified.

#### Walking Schemes

- 5.23 The programme of installing pedestrian "Green man" facilities at signal junctions will continue with the introduction of facilities at the Fortis Green / Tetherdown junction.
- 5.24 Consultants undertook a borough wide guard rail audit during 2015/16. The outcomes of this will be used to produce a rolling programme of guard rail removal which will commence in 2016/17.

- 5.25 Funding has also been set aside for improving pedestrian facilities at locations with high pedestrian casualty figures and to address issues raised within school travel plans.

#### Improving bus facilities and services

- 5.26 We have been working with TfL year on year towards making all bus stops in the borough DDA compliant. Currently, 91% of our stops are compliant, within the top quartile of London boroughs. We have in recent years received an allocation in excess of £100k per year towards this from TfL as an additional allocation to LIP funding and it is expected that a similar amount will be received within 2016/17 although it is as yet to be confirmed.
- 5.27 Improving reliability is essential to increasing bus usage and passenger satisfaction. We will be continuing to work with TfL to identify bus pinch points and local service issues. These measures will deliver benefits to passengers allowing buses to move more freely. We await confirmation from TfL on funding to deliver some initial improvements along the W4 route. We will seek further opportunities for funding via the enabling budget and TfL's Bus Reliability Programme.

#### Active Travel

- 5.28 Active Travel is delivering a range of activities which encourages reduced car use through behaviour change. The programme focuses on three key themes;

#### Cycling, Active Travel and Health

Projects includes, cycle training, supporting measures, such as cycling grants for schools to encourage cycling from a young age, and grants to community organisations to encourage people who currently rely on car use, to walk and cycle more. The successful Personal Travel Planning (PTP) project will continue, encouraging residents away from the car dependent, sedentary lifestyles, to healthier and more active modes of sustainable transport.

Reducing road casualties, (emphasis on reducing the number of children killed and seriously injured.)

Projects will include a range of road safety messages through schools aimed at both pupils and parents, and motorcycle safety campaigns.

#### Improving Air Quality and Reducing CO<sub>2</sub> Emissions

Projects include raising awareness through road shows and particularly amongst young people through schools, about the dangers of air pollution and how it can be reduced by travelling more sustainably.

#### Other Projects

## Parking Plan

- 5.29 The main objective of the parking plan is to address community parking pressure across the borough through the introduction of controlled parking zones (CPZs) and the review of waiting and loading activity. The council is investing £300k in the programme which will include reviewing existing CPZ areas in Wood Green and Crouch End, working with the wider community and ward Councillors to agree measures. Review of waiting restrictions on main arteries including Crouch End Broadway, West Green Road and Dowsett road will also be undertaken to address traffic pinch points, especially for buses. Additional external funding of £397k is also available to address parking pressures arising from new developments.

## Drainage

- 5.30 In 2016/17 we have identified £200k for drainage; the drainage budget will be used to alleviate flood risk and flood hazards in the borough. The outcome will be a reduction in the number of locations in the borough where there are repeat incidents of flooding after heavy or persistent rainfall. Improvements for the future resilience of the network are vital to maintain public satisfaction and to ensure that the borough remains a vibrant, diverse and attractive place for people to live and work.

## Local Transport Funds

- 5.31 In line with every other London borough TfL has allocated £100,000 to the Council to develop local transport projects for 2016/17. This will be used to support the Haringey Community Transport scheme, meeting the needs of people unable to use conventional public transport as well as providing a service for local community groups. Elements of the allocation will also be used to promote sustainable modes of transport and completion of the Green Lanes study. Other projects include further electrical vehicle charging and supporting a car club infrastructure.

## Major Projects – White Hart lane

- 5.32 The Council successfully completed the step one bid to TfL for £5m funding to develop and deliver a public realm project linking White Hart Lane station and the new THFC stadium. The initial requested allocation of £122k is to commence design and development of the project. Funding to deliver the project will be sought from subsequent financial years.

## 6 Comments of the Chief Financial Officer and Financial Implications

- 6.1 The Sustainable Transport Works Programme is funded from three main sources as follows
- Transport for London: This funding is targeted to meet the policies and objectives set out in our Local Implementation Plan (LIP) with the priorities influenced by the Mayor's Transport Strategy. TfL also provide opportunity for boroughs to bid for additional funding outside the LIP. This is usually targeted at

specific issues such as cycling, bus accessibility improvements and staff training, with bids submitted during the year as and when funding becomes available.

- **Council Investment:** This funding is largely utilised for maintaining borough roads, footways, and street lighting stock. Funding for structures and parking plan are also allocated based on need and priority.
- **Other:** This funding is principally third party developer funding or grant funding. It is provided through agreement with the third party and can only be used for the purpose specified in the agreement.

6.2 The currently approved sustainable transport investment programme for 2016/17 is funded as follows:

<b>Funding</b>	<b>Programme</b>	<b>£m</b>
<b>External Investment</b>		
	TfL Grant and Other confirmed TfL Funding	3,777
	TfL Bus Measures	TBC
	TfL Cycle Quietways	TBC
	Section 106/278 Developer Agreement	1,742
	Tottenham Regeneration (NPD Ph 2)	1,640
	<b>Subtotal external investment</b>	<b>7,159</b>
<b>Council Capital</b>	Planned carriageway maintenance works budget(including flood management)	3,200
	Street Lighting and Column replacement	400
	Structures and Road safety	150
	Parking Plan and CCTV	300
	<b>Subtotal Council Investment</b>	<b>4,050*</b>
<b>Total</b>		<b>11,209</b>

\*Subject to the approval of the 2016/17 Council Capital Allocation

6.3 It should be noted that S106/278 developer funding is subject to variation and is dependent on the progress of associated developments.

## 7 Assistant Director of Corporate Governance Comments and legal implications

7.1 The Council as a highways authority has a statutory obligation to maintain the public highways it is responsible for. This report sets out the works plan for the year 2016/17 and the consultation process and does not raise any legal implications.

## 8 Procurement Comments

Not Applicable.



## 9 Equalities and Community Cohesion Comments

9.1 The Council has a public sector equality duty under the Equalities Act (2010) to have due regard to:

- Tackle discrimination and victimisation of persons that share the characteristics protected under S4 of the Act. These include the characteristics of age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief, sex (formerly gender) and sexual orientation;
- advance equality of opportunity between people who share those protected characteristics and people who do not;
- foster good relations between people who share those characteristics and people who do not.

9.2 An Equalities Impact Assessment formed part of the statutory consultation process in 2010 which informed the development of the [Local Implementation Plan 2011-31 \(LIP\)](#). The LIP sets out the objectives, delivery plans and monitoring arrangements for all transport scheme proposals, including those contained in the Sustainable Transport Works Plan 2016/17.

9.3 The EQIA assessment found that the LIP programme is not likely to have a disproportionate adverse impact on any of the protected characteristics. One of the LIP's core objectives is to reduce deprivation and health inequalities through increasing accessibility to essential services such as employment, health, leisure and education facilities for those groups who need them most. Measures to increase cycling and walking through improved safety and awareness, aim to improve the health and wellbeing for particular groups who are known to currently face inequalities.

9.4 A key recommendation from the LIP EqIA was the need for more detailed monitoring data to be collected for all groups regarding modal share and travel habits. This was incorporated into the performance monitoring plan for the LIP, and will be part of the schemes set out in the Sustainable Transport Work Programme 2016/17. This will inform the development and delivery of the schemes.

9.5 The improved communication and engagement measures set out in the Sustainable Transport Work Programme 2016/17 will increase awareness of works and minimise disruption caused at implementation stages. This will allow residents adequate time to make alternative arrangements, and any necessary adjustments will be made on a scheme by scheme basis ensuring access affected groups including, disabled and elderly residents.

9.6 For each new major scheme which the Council undertakes through the LIP and Sustainable Transport Work Programmes, a full EqIA should be undertaken to inform the design and delivery of the scheme.

## 10 Policy Implications

- 10.1 The programmes and schemes in the STWP 2016/17 support the delivery of a number of Corporate Plan priorities, programmes and cross cutting themes, as well as other key policies as set out within this report.

#### Local Plan - Strategic Policy 7

- 10.2 Our adopted Local Plan sets out the key strategic planning policies. Strategic Policy 7 (SP7) focuses on the promotion of sustainable transport. It supports regeneration in Tottenham and Wood Green through a range of infrastructure proposals and measures. This includes travel demand management schemes, tackling climate change, improving local place shaping and environmental and transport quality. A number of schemes in the 2016/17 STWP, in particular walking, cycling and road safety schemes support the delivery of SP7.

#### The Transport Strategy

- 10.3 The draft Transport Strategy sets out how transport initiatives will deliver Corporate Plan Priorities and the role that SWTP projects and programmes play in achieving outcomes. The Strategy will be presented for approval to Cabinet in July 2016.
- 10.4 Transport has a key role in enabling growth and regeneration by supporting projects to increase public transport capacity and road network efficiency. The projects and programmes in the STWP play an important role in maximising the capacity of the road network, by supporting measures that will reduce car use, such as the active travel programmes and cycling and walking projects and schemes, including those being implemented through the Borough Cycling programme.

### 11. Consultation and Engagement

- 11.1 We are committed to ensuring that local communities are involved in identifying and developing highways schemes in their neighbourhoods. Ward Councillors, and other key stakeholders, for example Haringey Cycling Campaign (HCC), Bus Operators and Haringey Disability First Consortium were consulted when developing priorities for the Sustainable Transport Works Plan. The four key areas identified through that consultation were;

- Pedestrian safety
- Traffic calming and speed reduction
- Footway/ carriageway maintenance
- Congestion pinch points

- 11.2 Each of these areas are prioritised for investment in the 2016/17 programme.

- 11.3 The Council will continue to improve the quality of information available to residents and other interested parties on transport projects planned for their areas. This will involve information being made readily available on the Council's website, as well as through improved works signage and advance warning of all highways works. This will minimise disruption and inconvenience associated with works.

## **12. Reasons for Decision**

12.1 To seek authority to proceed to implementation of the proposed works plan.

## **13. Use of Appendices**

- 13.1 Appendix 1 – Works by Ward  
Appendix 2 – Highlights of 2015/2016 STWP  
Appendix 3 – Funding by Theme  
Appendix 4 – Green Lanes and Tottenham Transport Review Areas.  
Appendix 5 - Consultation process by Scheme

## **14 Local Government (Access to Information) Act 1985**

- Corporate Plan 2014- 2018
- Draft Transport Strategy
- Local Plan
- Highways Asset Management Plan
- Final Local Implementation Plan October 2011
- Local Implementation Plan – 3 Year Delivery Plan 2014-17
- Cabinet Report, Annual Spending Submission for 2016/17, 15th September 2015.
- LIP funding allocation letter from TfL, December 2015
- Sustainable Transport Works Plan 2015/16

## **15 Web links to schemes**

- [www.haringey.gov.uk/smartertravel](http://www.haringey.gov.uk/smartertravel)
- [www.haringey.gov.uk/majorschemes](http://www.haringey.gov.uk/majorschemes)
- <http://haringey.roadworks.org>

## Appendix 1: Ward by Ward breakdown of Works.

WARD	TRANSPORT AREA	PROJECT
Alexandra	Street Lighting Column & Lantern replacement	Outram Road, Princess Road, Harcourt Road, Clyde Road
Bounds Green	Developer	Maidstone Road, 133 Bounds Grn Road
	Road Safety schemes	High Road/WHL/Trinity Road
	Walking	School Travel Plan Bounds Green Road
	Parking	Wood Green CPZ review
	Street Lighting Column & Lantern replacement	Rhys Road, Thorold Road
	Cycling	Quietway: Farringdon – Bowes Park (Haringey Section)
Bruce Grove	Carriageway resurfacing	Lordsmead Road
	Street Lighting Column & Lantern replacement	Footpath- Forster Rd to St Loys Rd, Footpath – Forster Road to High Road
	Road Safety schemes	Phillip lane/Lawrence Rd, Bruce Grove
	Parking	NPH Ph2 & Traffic and Parking Review
Crouch End	Street Lighting Column & Lantern replacement	Ivy Gardens, Shepherd Close, Wychwood End, Drylands Road
	Carriageway resurfacing	Ferne Park Road, Waverley Road
	Road Safety schemes	Park Road / The Broadway
	Street lighting Lantern replacement	Crouch Hill
Fortis Green	Carriageway resurfacing	Creighton Avenue, Queens Lane, Fortis Green Road,
	Footway relay	Creighton Avenue, Twyford Avenue, Western Road,
	Street lighting Lantern replacement	Dukes Mews
	Walking	Fortis Green / Tetherdown Pedestrian signal
	Developer	Gilson Place, Coppetts Road N10
	Parking	St Luke's CPZ review
Harringay	Street lighting Lantern replacement	Atterbury Road, Venetia Road, Tancred Road, Coningsby Road



WARD	TRANSPORT AREA	PROJECT
		Wood Green area, Quietway: Farringdon – Bowes Park (Haringey Section)
	Street lighting Lantern replacement	Amber Mews, Lilac Mews, Wallis Mews, Arnold Bennett Way, Park ridings, Caxton Road, Hazel Mews, Silsoe Road, Boreham Road, Turnpike Lane
	Parking	Wood Green CPZ review
	Street lighting Column and Lantern replacement	Noel Park Road, Moselle Avenue
Northumberland Park	Carriageway resurfacing	Brantwood Road, Leaside Road, Northumberland Park, Pretoria Road,
	Footway relay	Brantwood Road
	Structures	Leaside Road Over Rail
	Developer	Former Cannon Rubber Factory
	NPH Phase 2	Bus priority measures, Park Lane/Northumberland Park Crossing, Worcester Avenue, Signalised crossing on High Road.
	Parking	NPH Ph2 & Traffic and Parking Review
St Ann's	Drainage	Victoria Crescent
	Street lighting Column and Lantern replacement	Hallam Road, Stanley Road
	Street Lighting Lantern replacement	Devon Gardens, Doncaster Gardens, Essex Gardens, Grafton Gardens, Portland Gardens, Sussex Gardens
	Parking	Wood Green CPZ review
Seven Sisters	Carriageway resurfacing	Thorpe Road,
	Footway relay	Castlewood Road, Fade Road, Moreton Close
	Drainage	Latimer Road
	Street lighting Column and Lantern replacement	Vale Road, Linkway, Vale Terrace, Vale Grove
Stroud Green	Cycling	Quietway: Farringdon – Bowes Park (Haringey Section)
Tottenham Green	Carriageway resurfacing	Constable Crescent, Lawrence Road, Markfield Road,

WARD	TRANSPORT AREA	PROJECT
	Footway relay	Markfield Road
	Drainage	Markfield Road
	Developer	Markfield Road
	Accessibility and Environment improvements	Tottenham Green Community Streets
	Road Safety schemes	Phillip lane / Lawrence Rd, West Green Road/Dorest Road
Tottenham Hale	Carriageway resurfacing	Lansdowne Road,
	Structures	Ferry Lane Over River Lee, Watermead Way
	Parking	NPH Ph2 & Traffic and Parking Review
West Green  White Hart Lane	Carriageway resurfacing	Sirdar Road,
	Road Safety schemes	Down Hills Way / Belmont Rd
	Parking	NPH Ph2 & Traffic and Parking Review
	Carriageway resurfacing	Carrick Gardens
	Footway relay	Barkham Road, De Quincey Road, Reynardson Road, White Hart Lane (part)
	Parking	NPH Ph2 & Traffic and Parking Review
	Road Safety schemes	WHL/Weir Hall Road junction
	Developer	550 White Hart Lane
Woodside	Carriageway resurfacing	Arcadian Gardens, Glendale Avenue, Ringslade Road, Watson Road, Lyndhurst Road,
	Footway relay	Acacia Road, Arcadian Gardens, Maryland Road, Sylvan Avenue, Woodside Road
	Bridges	Station Road
	Road Safety schemes	High Road/WHL/Trinity Road. Perth Road
	Developer	606 Lordship Lane, 673 Lordship Lane N22
	Accessibility and Environment improvements	Hornsey Park – Community Streets
	Parking	Wood Green CPZ review

WARD	TRANSPORT AREA	PROJECT
	Cycling	Quietway: Farringdon – Bowes Park (Haringey Section)
<b>BOROUGH WIDE PROJECTS</b>		
	Bus stop accessibility/ Enabling Works/Bus Reliability	Locations to be confirmed
	Parking	Disabled Bays and Waiting restrictions, Major Artery Review, (including Crouch End Broadway, West Green Road, Dowsett Road)
	Active travel projects	Workplace travel planning, marketing initiatives, complementary travel planning measures, road safety interventions at schools, road shows
	Cycling	Cycle training programme, 2 way cycling on 1 way roads; cycle parking, cycle gaps in road closures, safer lorries, safer driving, cycle grants to schools, reactive measures.
	Traffic Management	20mph monitoring and VAS measures
	Local Transport Fund	Electrical vehicle charging, car club infrastructure, Community transport
	Walking	Guardrail removal; reactive measures; School Travel Plan Minor Measures
	Road safety schemes	Reactive intervention measures
	Bridge Height Signing	To upgrade signing to current EU standards
	Local Transport Fund	Community Transport,



## Appendix 2 – Highlights of 2015/2016 programme

The STWP for 2015/16 was formally approved on 7<sup>th</sup> July 2015. The programme, which involved £14m investment, delivered a broad range of programmes, many involving extensive engagement with residents and key stakeholders. The main achievements of the programme were as follows;

- 20mph speed limit - the introduction of a borough wide 20mph speed limit, which will improve road safety and encourage walking and cycling.
- Signal Junction Improvements – the introduction of pedestrian improvements to signal junctions at North Hill, and at the junction of Colney Hatch Lane, Pages Lane and Alexandra Park Rd.
- Parking and Traffic Reviews – The Wood Green, and North Tottenham reviews involved extensive engagement with the local community and identified solutions to a range of parking and traffic issues in the respective areas. Improvements are currently being implemented, with programmes continuing into 2016/17.
- Cycling - the Council hosted its first Cycling Conference attended by organisations from across London, the UK and Europe to provide an input and share best practice, supporting Haringey's ambition to become one of the most cycling friendly boroughs in London.
- CS1 - the completion of the Haringey section of cycle superhighway route 1, which runs between White Hart Lane stadium and Liverpool Street station, in partnership with TfL.
- Major Schemes – The completion of the ambitious Wood Green Town Centre scheme. This project has transformed the look and feel of Wood Green and supports its status as a Metropolitan Town Centre.
- Street lighting – An extended £3.4m investment programme was delivered improving safety, discouraging anti social behaviour and reducing future maintenance and running costs by upgrading to energy efficient LED lighting.
- Planned Maintenance - we successfully delivered a £3m programme in carriageways, footway and pedestrian improvements.
- Bus Stop Accessibility – An additional twenty eight bus stops around the borough were made DDA compliant, increasing our overall percentage of compliant bus stops and placing us in the top London quartile for this facility.

### Appendix 3: Funding by Theme

Table 1: Traffic Calming & Management (TfL)

Scheme Name / Location	Allocation (£k)
20mph monitoring and VAS measures	50
Wood Green Area Plan	90
Arnolds Road	18
Tottenham and Green Lanes traffic reviews	42
<b>Total</b>	<b>200</b>

Table 2: Accessibility and Environment – Community Street (TfL)

Scheme Name/Location	Allocation (£k)
Hornsey Park – Community Streets	100
Tottenham Green – Community Streets	200
	<b>300</b>

Table 3: Local Safety Schemes (TfL)

Scheme Name / Location	Allocation (£k)
Park Road / The Broadway LSS	270
White Hart Lane / Weir Hall Road	80
High Road / WHL/Trinity Road (study)	30
Down Hills Way / Belmont Rd Junction (study)	10
Muswell Hill Road / Summerby Rd	40
Phillip lane / Lawrence Rd (study)	10
Reactive Measures	40
Perth Road N22 (Study)	10
West Green Road / Dorest Road	60
<b>Total</b>	<b>550</b>

Table 4: Bridges & Structures (TfL)

Bridges	Allocation (£k)
Station Road over New River	55
Wightman Road over rail	750
Pemberton over New River	17

Ferry Lane Over River Lee	25
Leeside Road Over Rail	10
Hornsey Lane Bridge	t.b.c
<b>Bid Total</b>	<b>842</b>

**Table 5: Carriageway and Footway**

Description	Allocation 2016/17 (£k)
Footway relaying ( <i>Council funded</i> )	1,306
Classified and Unclassified roads resurfacing ( <i>Council funded</i> )	1,494
Highway maintenance Supporting measures ( <i>Council funded</i> )	200
<b>Total</b>	<b>3,000</b>

**Table 5a: Principal Roads (TfL funded )**

Road Name	Allocation (£k)
Priory Road	274
High Street, N8	170
	<b>444</b>

**Table 5b: Carriageway Improvements (LBH)**

Road Name	Allocation (£k)
Arcadian Gardens, N22	32.45
Boundary Road, N22	41.4
Brantwood Road, N17	70.85
Carrick Gardens, N17	126.7
Constable Crescent, N17	53.3
Creighton Avenue, N10	27.65
Cromwell Avenue, N6	34.45
Ferne Park Road, N8	79.45
Glendale Avenue, N22	84.65
Harvey Road, N8	18.25

Lansdowne Road, N15	74.9
Lawrence Road, N15	16.85
Leeside Road, N17	29.85
Lordsmead Road, N17	35.65
Malvern Road, N8	25.35
Markfield Road, N15	79.45
Muswell Hill Road, N10	84.65
Northumberland Park N17	18.25
Pretoria Road, N17	74.90
Queens Lane, N10	16.85
Queenswood Road, N6	29.85
Ravenstone Road, N8	35.65
Ringslade Road, N22	25.35
Sirdar Road, N22	49.35
Thorpe Road, N15	14.1
Watson Road, N22	31.1
Waverley Road, N8	29.85
	<b>1,306</b>

**Table 5c: Footway Improvements (LBH)**

Road Name	Allocation (£k)
Acacia Road, N22	51.2
Arcadian Gardens, N22	50.25
Barkham Road, N17	11.4
Barrington Road, N8	9.8
Brantwood Road, N17	145.85
Brook Road, N22	19.4
Castlewood Road, N15	48.3
Creighton Avenue, N10	63.75
De Quincey Road, N17	108.45
Eade Road, N4	108.95
Fairfax Road, N8	47.5
Fortis Green Road, N10	117.45

Lyndhurst Road, N22	24.4
Markfield Road, N17	55.1
Maryland Road, N22	40.55
Moreton Close, N15	22.0
Muswell Hill Road, N6	69.85
North Road, N6 (part)	35.75
North Road, N6 (part)	19.3
Rathcoole Gardens, N8	41.55
Reynardson Road, N17	43.5
Sylvan Avenue, N22	47.45
Twyford Avenue, N2	123.15
Wellesley Road, N22	9.8
Western Road, N2	55.1
White Hart Lane N17	76.5
Woodside Road, N22	47.35
	<b>1,494</b>

**Table 6: Road Safety and Highway Structures (LBH)**

<b>Road Safety and Structures</b>	<b>Allocation (£k)</b>
Watermead Way Expansion joints	10
North Hill Retaining Wall Design	70
The Bank Retaining Wall Design	70
<b>Total</b>	<b>150</b>

**Table 7: Street Lighting Column & Lantern Replacement (LBH)**

<b>Road Name</b>	<b>Allocation (£k)</b>
Ivy Gardens	5.7
Shepherd Close	2.8
Wychwood End	8.6
Drylands Road	17
Outram Road	22.6

Princess Road	16.9
Harcourt Road	19.8
Clyde Road	19.8
Rhys Road	8.5
Thorold Road N11	22.6
Footpath – Forster Road to St Loys Road N17	9.3
Footpath – Forster Road to High Road N17	18.7
Vale Road	42.2
Linkway	6
Vale Terrace N4	8.5
Vale Grove N4	5.6
Hallam Road N15	8.5
Stanley Road N15	17
Noel Park Road	2.8
Moselle Avenue	2.8
	<b>265.7</b>

**Table 8a - Street Lighting Lantern Replacement**

Road Name	Allocation (£)
Crouch Hill	4
Dukes Mews N8	2.6
Atterbury Road	2.6
Venetia Road	2.6
Tancred Road	2
Coningsby Road	2
Amber Mews N8	1.3
Lilac Mews N8	2
Wallis Mews N8	1.3
Arnold Bennett Way	2.7
Park Ridings N8	12.6
Caxton Road N8	4.6
Hazel Mews N8	2
Silsoe Road N8	2
Boreham Road N22	4
Turnpike Lane	15.2
Devon Gardens	2
Doncaster Gardens	0.8
Essex Gardens	2
Grafton Gardens	2
Portland Gardens	2
Sussex Gardens	2
	<b>74.3</b>

**Table 8b: Street Lighting – Christmas Lighting (LBH)**

Scheme Name / Location	Ward	Allocation (£k)
Christmas Lighting	various	60
<b>Total</b>		<b>60</b>

**Table 9: Northumberland Park Regeneration – Road Safety (GLA)**

Scheme Name/	2014/15 Allocation	2015/16 Allocation	Indicative 2016/17 Allocation	Total
Park Lane/ Northumberland Park crossing	0	£100,000	£370,00	£470,000
Signalised pedestrian crossings on High Road	£62,000	£88,000	£200,000	£350,000
Worcester Avenue	0		£500,000	£500,000
<b>Total</b>	<b>£62,000</b>	<b>£188,000</b>	<b>£1,070,000</b>	<b>£1,320,000</b>

**Table 10: Road Safety (s106/278)**

Scheme Name / Location		Allocation (£k)
Coronation sidings N8	Various Transport Improvements	435
Hornsey Lane Depot	Various Transport Improvements	550
Cholmeley Park	Footway reconstruction	50
Maidstone Road	Street Lighting	25
Campsbourne Rd N5	Footway and parking	60
		<b>1,120</b>

**Table 11: Bus Measures (TfL)**

Scheme Name / Location	Allocation (£k)
------------------------	-----------------

Bus Stop Accessibility	35 (more to be confirmed)
Enabling Works	t.b.c
Bus Reliability (LIP)	t.b.c
<b>Total</b>	<b>35</b>

**Table 12: Quiet ways**

Scheme Name / Location.	Allocation (£k)
Farringdon – Bowes Park (Haringey Section)	t.b.c
<b>Total</b>	<b>t.b.c</b>

**Table 13: Walking and Cycling – Cycling (TfL)**

Scheme Name / Location.	Allocation (£k)
2 way cycling on 1 way roads (LIP)	40
Small scale improvements in Wood Green area (LIP)	30
Cycle Parking (LIP)	70
Cycle Quiet ways (LIP contribution)	80
<b>Total</b>	<b>220</b>

**Table 14: Walking and Cycling – Walking (TfL)**

Scheme Name / Location.	Allocation (£k)
Guard rail removal	20
Fortis Green / Tetherdown Pedestrian signal	180
School Travel Plan Minor Measures	20
School Travel Plan Bounds Green Road	30
Priory Road	80



<b>Total</b>	<b>330</b>
--------------	------------

**Table 15: Active Travel (TfL)**

<b>Scheme Name / Location.</b>	<b>Allocation (£k)</b>
Projects support active travel for leisure, entertainment, shopping trips – focused on promoting walking and cycling among people and delivers incentives to reward sustainable travel; focused on promoting active travel via community organisations to those living/working in Haringey who are less likely to travel actively	150
Projects to support reductions in CO2 emissions and improve air quality by raising awareness of smarter travel through road shows and marketing campaigns as well as a project working with local schools in conjunction with Haringey’s air quality team. Projects also support workplace travel planning, personalised travel planning, and smarter travel advice.	80
Improve child safety – road safety interventions in schools including education, training and publicity; school travel planning, focusing on child casualties in the east of the Borough	120
<b>Total</b>	<b>350</b>

**Table 16: Cycle Training (TfL)**

<b>Scheme Name / Location.</b>	<b>Allocation (£k)</b>
Cycle Training	100
<b>Total</b>	<b>450</b>

**Table 17: Borough Cycling Programme (TfL)**

<b>Scheme Name / Location.</b>	<b>Allocation (£k)</b>
Cycle Training	29.15

Safer Lorries and Vans	8
Safer Urban Driving Training	5
Cycle Grants to Schools	12
Design/communication resource	45
Cycle Parking	45
<b>Total</b>	<b>144.15</b>

**Table 18: Northumberland Park Regeneration – Public Transport (GLA)**

Scheme Name/	Ward	2014/15 Allocation	2015/16 Allocation	Indicative 2016/17 Allocation	Total
Bus priority measures	Northumberland Park	0	£100,000	£300,000	£400,000
Total		0	£100,000	£300,000	£400,000

**Table 19: Cycling (s106/278)**

Scheme Name / Location		Allocation (£k) 2016/17
Lymington Avenue, N22	Various Transport Improvements	160
606 Lordship Lane	Cycling Improvements	3
Former Cannon Rubber Factory	Cycling Improvements	30
673 Lordship Lane N22	Cycling Improvements	25
		<b>218</b>

**Table 20: Walking (s106/278)**

Scheme Name / Location		Allocation (£k) 2016/17
Gilson Place, Coppetts Road N10– Footway enhancements	Various Transport Improvements	110
Markfield Road	Pedestrian Improvements	15
New River Village	Various Transport Improvements	67.7
2a Brabant Road	Pedestrian Improvements	42
550 White Hart Lane	Pedestrian Improvements	32.5

133 Bounds Grn Road	Pedestrian Improvements	17
Highgate Junior School	Pedestrian Improvements	120
		404.2

**Table 21: Parking Plan Projects (LBH/ GLA and S106)**

Scheme Name / Location		Allocation (£k) 2016/17
Hornsey North	CPZ	60
Alexandra Palace	Extension	5
Woodberry crescent	CPZ	2.5
Wood Green CPZ	Review	125
Crouch End	Review	50
Highgate	review	37
St Ann's	CPZ	45
St Lukes	CPZ	40
North Tottenham	CPZ	245
Disabled bays and waiting restrictions	Review	18.75
Compliance	Review	43.75
Bus Pinch Points	Crouch End Broadway, Dowsett Road, West Green Road	25
		697k

**Table 22: Freight Strategy (TfL)**

Scheme Name/Location	Allocation (£k)
Freight Strategy	40
<b>Total</b>	<b>40</b>

**Table 23: Northumberland Park Regeneration –Parking (GLA)**

Scheme Name/	2014/15 Allocation	2015/16 Allocation	2016/17 Allocation	Total
Parking	0	£110,000	270,000	£380,000

Total	0	£110,000	£270,000	£380,000
-------	---	----------	----------	----------

**Table 24: Local Transport Fund (TfL)**

Scheme Name/Location	Allocation (£k)
Electrical vehicle Charging	30
Car Club infrastructure	25
Community Transport	20
Green Lanes Study	25
<b>Total</b>	<b>100</b>

## Appendix 4 - Green Lanes and Tottenham Transport Review – areas under consideration.

Figure 1: Green Lanes Transport Study

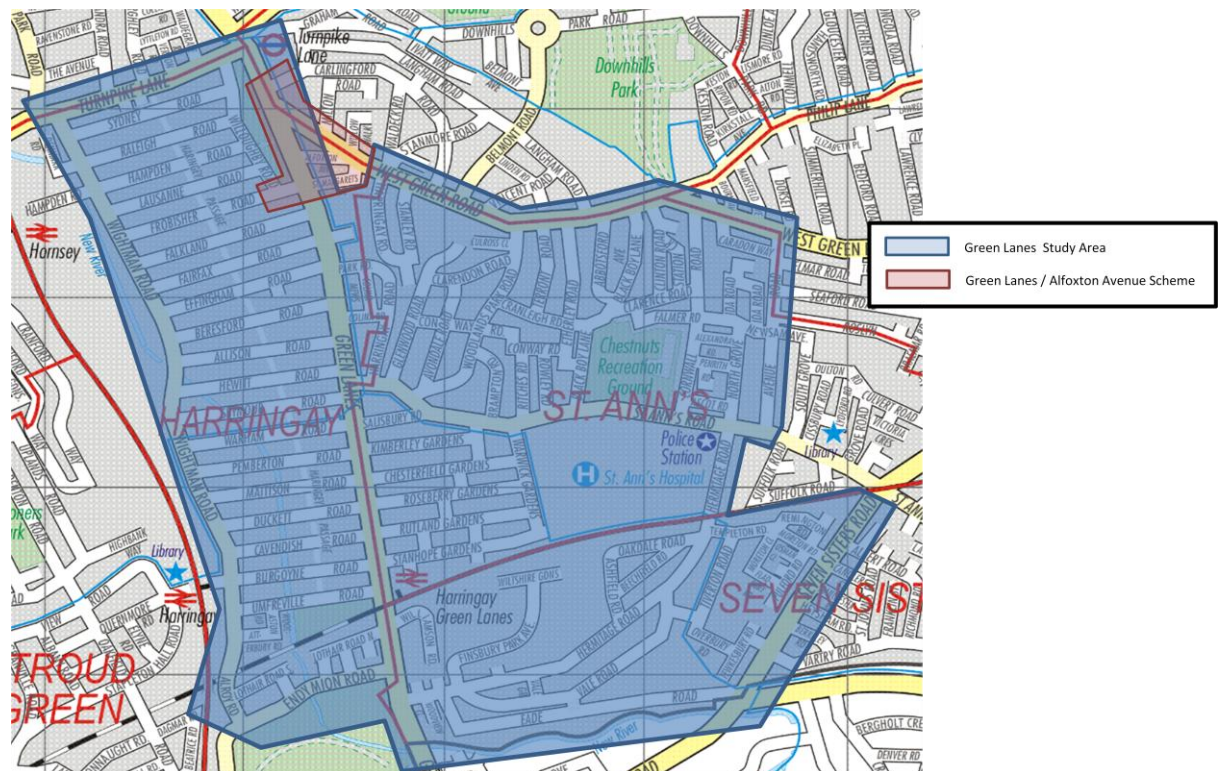
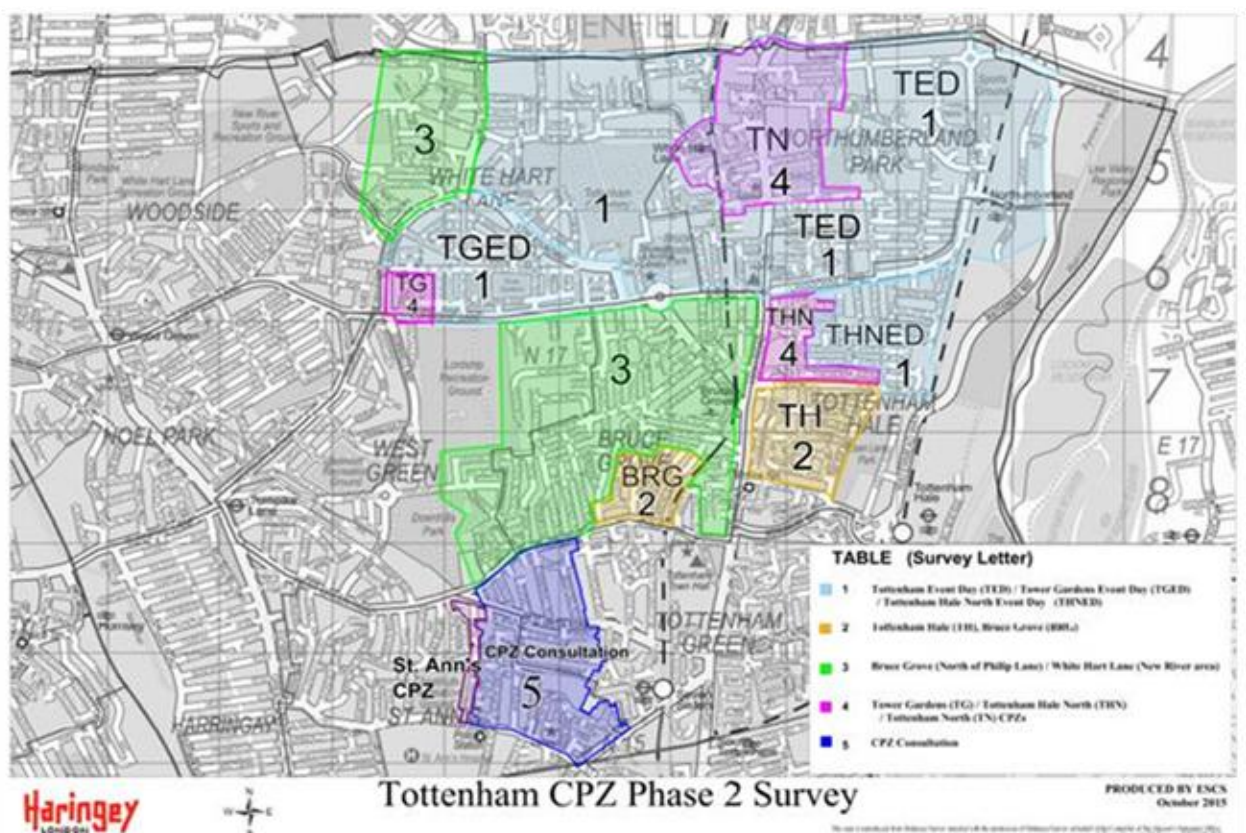


Figure 2 Tottenham Transport Review Area .



## Appendix 5 : Consultation

The various traffic schemes developed through this works plan will be the subject of further consultation/ notification. The level of consultation/ notification will depend on the impact of the scheme on the local community. The three consultation/notification types are:

- Notification of works (All works) – residents and businesses of affected roads will be notified by letter drop on approval of the Sustainable Transport Works Plan. In addition they will be notified by letter drop and any other appropriate media 3 weeks in advance of work commencing.
- Statutory notification - the public will be notified of the council's intention regarding proposals through advertisements placed in the local press and on site. Residents and businesses of the affected roads will also be notified by letter drop. The notification will provide full details of the scheme and a commencement date for construction. Resident, traders and other interested parties will have the opportunity to approve/object to these proposals and these considerations will be taken into account before implementing the scheme.
- Full consultation – any high profile schemes will be subject to full consultation which will include public meetings, exhibitions, public events and formal consultation questionnaires. The Table below sets out the consultation process by scheme.

Scheme Name / Location.	Allocation (£k)	Consultation Type		
	2016/17	Notification	Statutory Notification	Full Consultation
<b>Principal Road Renewal</b>				
Priory Road	131	✓	✓	
High Street, N8	127	✓	✓	
<b>Traffic Management</b>				
20mph monitoring and VAS measures	50	✓		
Wood Green Area Plan	90	✓	✓	✓
Arnolds Road	18	✓	✓	✓
Responsive traffic calming measures	42	✓	✓	
<b>Local Safety Schemes</b>				
Park Road / The Broadway LSS	270	✓	✓	✓
White Hart Lane / Weir Hall Road	80	✓	✓	✓

High Road / WHL/Trinity Road (study)	30	N/A	N/A	N/A
Reactive safety interventions	40	✓	✓	
Down Hills Way / Belmont Rd Junction (study)	10	N/A	N/A	N/A
Muswell Hill Road / Summerby Rd	40	✓	✓	✓
Phillip lane / Lawrence Rd (study)	10	N/A	N/A	N/A
Perth Road N22 (Study)	10	N/A	N/A	N/A
West Green Road / Dorest Road	60	✓	✓	✓
<b>Active Travel</b>				
Projects support active travel for leisure, entertainment, shopping trips – focused on promoting walking and cycling among people and delivers incentives to reward sustainable travel; focused on promoting active travel via community organisations to those living/working in Haringey who are less likely to travel actively	150	N/A	N/A	N/A
Projects to support reductions in CO2 emissions and improve air quality by raising awareness of smarter travel through road shows and marketing campaigns as well as a project working with local schools in conjunction with Haringey's air quality team. Projects also support workplace travel planning, personalised travel planning, and smarter travel advice.	80	N/A	N/A	N/A
Improve child safety – road safety interventions in schools including education, training and publicity; school travel planning, focusing on child casualties in the Borough	120	N/A	N/A	N/A
<b>Cycling</b>				
2 way cycling on 1 way roads	40	✓	✓	✓
Small scale improvements in Wood Green area to support the major scheme	30	✓	✓	
Cycle Quietways	t.b.c	✓	✓	✓
Cycle Training	129.15	N/A	N/A	N/A
Safer Lorries and Vans	8	N/A	N/A	N/A
Safer Urban Driving Training	5	N/A	N/A	N/A
Cycle Grant	12	N/A	N/A	N/A
Design/communication resource	45	N/A	N/A	N/A
Cycle Parking	115	✓	✓	N/A
<b>Walking</b>				

Guard rail removal	20	✓		
Fortis Green / Tetherdown signal study	180	✓	✓	✓
School Travel Plan Minor Measures	20	✓	✓	
School Travel Plan Bounds Green Road	20	✓	✓	
Priory Road	80	✓	✓	✓
<b>Developer</b>				
Gilson Place, Coppetts Road N10– Footway enhancements	110	✓	✓	
Coronation sidings N8	435	✓	✓	✓
Hornsey Lane Depot	550	✓	✓	✓
Wood Green Police Stn N22	68	✓	✓	
High Road / Lordship Lane study	20	N/A	N/A	N/A
Markfield Road N15 – footway improvements	15	✓	✓	✓
Lymington Avenue, N22	160	✓	✓	
Maidstone Road, N11	25	✓	✓	
New River Village	67.7	✓	✓	
Cholmeley Park	50	✓	✓	
2a Brabant Road	42	✓	✓	
550 White Hart Lane	32.5	✓	✓	
606 Lordship Lane	3	✓	✓	
133 Bounds Grn Road	17	✓	✓	
Former Cannon Rubber Factory	30	✓	✓	
673 Lordship Lane N22	25	✓	✓	
Highgate Junior School	120	✓	✓	✓



Campsbourne Rd N5	60	✓	✓	
<b>Accessibility and Environment</b>				
Hornsey Park – Community Streets	100	✓	✓	✓
Tottenham Green – Community Streets	200	✓	✓	✓
<b>Local Transport Fund</b>				
Electrical vehicle Charging	30	N/A	N/A	N/A
Car Club infrastructure	25	✓	✓	
Community Transport	20	N/A	N/A	N/A
Green Lanes Study	25	N/A	N/A	N/A
<b>Major Schemes</b>				
White Hart Lane	122	N/A	N/A	N/A
<b>Council Capital Investment</b>				
Street lighting and Column replacement	400	✓	✓	
Footway and Carriageway Improvements	3,000	✓	✓	
Structures	150	N/A	N/A	N/A
Flood Water Management	200	✓	✓	
Parking	300	✓	✓	✓
<b>NDP Phase 2</b>				
Bus priority measures	300	✓	✓	✓
Park Lane/ Northumberland Park crossing	370	✓	✓	✓
Signalised pedestrian crossings on High Road	200	✓	✓	✓
Worcester Avenue	500	✓	✓	✓
Parking	293	✓	✓	✓

