

**MEETING**

**FINCHLEY & GOLDERS GREEN AREA ENVIRONMENT SUB-COMMITTEE**

**DATE AND TIME**

**WEDNESDAY 26TH MARCH, 2014**

**AT 7.00 PM**

**OR AT THE CONCLUSION OF THE FINCHLEY AND GOLDERS GREEN RESIDENTS FORUM BY 8.30PM , WHICHEVER IS EARLIER**

**VENUE**

**AVENUE HOUSE, EAST END ROAD, FINCHLEY, LONDON N3 3QE**

**TO: MEMBERS OF FINCHLEY & GOLDERS GREEN AREA ENVIRONMENT SUB-COMMITTEE (Quorum 3)**

Chairman: Councillor Graham Old  
Vice Chairman: Councillor Melvin Cohen

**Councillors**

Geof Cooke	Colin Rogers	Daniel Seal
Ross Houston	Lord Palmer	

**Substitute Members**

Jack Cohen	John Marshall	Reuben Thompstone
Eva Greenspan	Kath McQuirk	
Anne Hutton	Arjun Mittra	

**You are requested to attend the above meeting for which an agenda is attached.**

**Andrew Nathan – Head of Governance**

Governance Services contact: Chidilim Agada 020 8359 2037  
chidilim.agada@barnet.gov.uk

Media Relations contact: Sue Cocker 020 8359 7039

**ASSURANCE GROUP**

## ORDER OF BUSINESS

Item No	Title of Report	Pages
1.	Minutes of last meeting	
2.	Absence of Members (If any)	
3.	Declaration of Members' Disclosable Pecuniary interests and Non Pecuniary interests (If any)	
4.	Public Question Time (If any)	
5.	Members' Items (If any)	
a)	Members' Item - To consider urgent speed reduction measures in North End Road NW11 to complement those recently introduced in Camden	1 - 4
6.	Highways Planned Maintenance Works Programme for Finchley & Golders Green Area - 2014/2015	5 - 42
7.	Matters referred from the Finchley and Golders Green Area Residents Forum (If any)	
8.	Any item(s) the Chairman decides are urgent	

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Meeting	Finchley and Golders Green Area Environment Sub-Committee
Date	26 March 2014
<b>Subject</b>	<b>Members' Item – To consider urgent speed reduction measures in North End Road NW11 to complement those recently introduced in Camden</b>
Report of	Head of Governance
Summary	This report informs the Sub-Committee of a Member's Item and requests instructions from the Sub-Committee.

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Officer Contributors	Chidilim Agada – Business Governance Service
Status (public or exempt)	Public
Wards affected	Childs Hill
Key Decision	No
Enclosures	None
For decision by	Finchley and Golders Green Area Environment Sub-Committee
Function of	Executive
Reason for urgency / exemption from call-in (if appropriate)	Not applicable

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Contact for further information: Chidilim Agada – Business Governance Service – Tel: 020 8359 2037.

## **1. RECOMMENDATIONS**

**1.1 That the Sub-Committee's instructions are requested.**

## **2. RELEVANT PREVIOUS DECISIONS**

2.1 None.

## **3. CORPORATE PRIORITIES AND POLICY CONSIDERATIONS**

3.1 As and when issues raised in this way are progressed they will need to be evaluated against the Corporate Plan and other relevant policies.

## **4. RISK MANAGEMENT ISSUES**

4.1 None in the context of this report.

## **5. EQUALITIES AND DIVERSITY ISSUES**

5.1 Members' Items allow Members of the Sub-Committee to bring a wide range of issues to the attention of the Sub-Committee in accordance with the Council's Constitution. All of these issues must be considered for their equalities and diversity implications.

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

6.1 Any financial implications will be contained within the budgets of the Service.

## **7. LEGAL ISSUES**

7.1 None in the context of this report.

## **8. CONSTITUTIONAL POWERS (Relevant section from the Constitution, Key/Non-Key Decision)**

8.1 The Council's Constitution Responsibility for Functions – Area Environment Sub-Committees perform functions that are the responsibility of the Executive including highways use and regulation not the responsibility of the Council, within the boundaries of their areas in accordance with Council policy and within budget.

8.2 The Councils Constitution, Committees and Sub-Committees – Paragraph 6.1 states a Member (including appointed substitute Members) will be permitted to have one matter only (with no sub-items) on the agenda for a meeting of a committee or sub-committee on which he/she serves. Paragraph 6.2 states that Members' Items must be relevant to the terms of reference of the body which will consider the item.

## **9. BACKGROUND INFORMATION**

9.1 Councillor Lord Palmer requested that a Member's Item be considered on the following matter:

“To consider urgent speed reduction measures in North End Road NW11 to complement those recently introduced in Camden.”

9.2 The Strategic Director for Growth and Environment will arrange for officer comment to be given on the item at the meeting.

**10. LIST OF BACKGROUND PAPERS**

10.1 Email from Councillor Lord Palmer dated 19 February 2014.

10.2 Any person wishing to inspect the background paper above should telephone 020 8359 2037.

<b>Cleared by Finance (Officer's initials)</b>	<b>N/A</b>
<b>Cleared by Legal (Officer's initials)</b>	<b>N/A</b>

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<b>Meeting</b>	Finchley & Golders Green Area Environment Sub-Committee
<b>Date</b>	26 March 2014
<b>Subject</b>	<b>Highways Planned Maintenance Works Programme for Finchley &amp; Golders Green Area – 2014/2015</b>
<b>Report of Summary</b>	Cabinet Member for Environment  This report seeks the Sub-Committee’s approval for the Highway Planned Maintenance Works Programme for the Finchley & Golders Green Area during 2014/2015.

Officer Contributors	Director of Development and Regulatory Services
Status (public or exempt)	Public
Wards Affected	All within the Sub-Committee Area
Key Decision	Finchley & Golders Green Area Environment Sub-Committee
Reason for urgency / exemption from call-in	Not Applicable
Function of Enclosures	Executive <u>Appendix A</u> : Proposed Works by Wards during 2014/2015 <u>Appendix B</u> : Risk Management <u>Appendix C</u> : Planned Highway Maintenance Budget 2014/2015. <u>Appendix D</u> : Traffic Management Measures Review <u>Appendix E</u> : Highway Maintenance Schemes for 2013/14 £4 million additional funding. <u>Appendix F</u> : Planned Maintenance Budgets of last 10 years.
Contact for Further Information:	Brian Francis or Chris Chrysostomou, Environment, Planning Regeneration, Highways Group, Tel 020 8359 7514 and 0208 359 7200

## **1. RECOMMENDATION**

**That the list of roads for carriageway resurfacing, footway relay and other highway maintenance works in the Finchley & Golders Green Area for 2014/2015; as listed in Appendix A attached to this report, be approved.**

**1.2 That, subject to the overall costs being contained within available budgets, the Director of Development and Regulatory be instructed to:**

- i) give notice under Section 58 of the New Roads and Street Works Act 1991 of the Council's intention to implement the highway works shown in Appendix A by advertising and consulting as necessary with public utility companies and Transport for London (TfL) for schemes proposed to be implemented during 2014/2015;**
- ii) implement the schemes proposed in Appendix A by placing orders with the Council's term contractors or specialist contractors appointed in accordance with the public procurement rules, and or the Council's Contract Procedure Rules as appropriate;**
- iii) Commission condition assessments of carriageways and footways within all constituent areas to determine the overall condition and appropriate measures to be considered in future programmes**
- iv) agree any variations to the scheduling of the programme in consultation with the Cabinet Member for Environment and the Chairman of this Sub-Committee.**

## **2. RELEVANT PREVIOUS DECISIONS**

**2.1 Cabinet 22 July 2002 decision number item 7 - approved the Planned Highway Maintenance Programme – initial Scheme Prioritisation Procedure.**

**2.2 Task and Finish Groups were subsequently introduced as part of the Overview and Scrutiny arrangements adopted by the Council in May 2009 and the Road Resurfacing Task and Finish Group reported to Cabinet on 12 April 2010 the issues noted within paragraph 9, "Background Information".**

**2.3 DPRs approved by the DRS Director in April and July 2011 authorised stages 1 and 2 of the Pothole Elimination Programme.**

**2.4 The Road Resurfacing Task and Finish Group report to Cabinet of 12 April 2010 recommended the following; 1) The Council introduce a Highways Asset Management approach to achieve best value for investment in the highway infrastructure. 2) A full survey be undertaken of the borough footways to enable footway schemes to be prioritised effectively. 3) Footway schemes should be carried out, as far as possible, to consistent standard across the network, using the same materials wherever possible.**



- 2.5 The Cabinet on the 4<sup>th</sup> of November, Item 5.4, approved an additional £4 million of funding to be spent on highway maintenance. A list of these schemes is included in Appendix E.

### **3. CORPORATE PRIORITIES AND POLICY CONSIDERATIONS**

- 3.1 The Council 2013 - 14 Corporate Plan has set three ambitious strategic objectives:
- Promote responsible growth, development and success across the Borough.
  - Support families and individuals that need it-promoting independence, learning and the well-being, and
  - Improve the satisfaction of residents and businesses with the London Borough of Barnet as a place to live, work and study.

The Corporate Plan also highlights various outcomes as a means to deliver the above objectives, the following is a list of these that are relevant to highways maintenance:-

- To maintain a well-designed, attractive place, with sustainable infrastructure across the Borough
- To maintain the right environment for a strong and diverse local economy
- To promote a healthy, active, independent and informed over 55 population in the Borough to encourage and support our residents to age well.

In recent years, the Council's Network Management Team has also been pursuing the following outcomes:

- Invest adequate funds to halt the deterioration of the conditions of roads and pavements in the short term and eliminate the backlog of maintenance.
- Procure an asset management system based on whole life costing.
- Highways maintenance to include a range of preventative type maintenance options including carriageway patching and micro surfacing.
- Protect and enhance our natural and built environment so that the Borough is clean and green.
- Ensure that our town centres are vibrant places where business can thrive.
- Reduce the percentage of Principal and Non-Principal Classified Roads where maintenance should be considered to 7 per cent (in need of maintenance).

- 3.2 In the approved Local Implementation Plan (LIP) 2014/2015 submitted to Transport for London (TfL), the Council is strongly committed to maintaining and improving highway assets in the Borough under the Maintenance Theme.
- 3.3 In conjunction with the planned maintenance works it is proposed to review existing traffic management measures to meet the key objectives of the Traffic Management Strategy. These are to secure improvements in traffic flows,

reduce congestion, thereby maximise network performance, and reduce the incidence of traffic 'rat runs' in the adjoining residential roads.

#### **4. RISK MANAGEMENT ISSUES**

- 4.1 Appendix B attached to this report sets out the results of the risks assessed.
- 4.2 The extreme weather encountered over the past few winters has resulted in a rapid deterioration of the core fabric of many patched and heavily deteriorated carriageways. The whole life condition of these carriageways is susceptible to further reduction by increased frequency of future extremes of weather unless timely intervention is carried out by a planned programmed of appropriate highway maintenance. The reactive attention to defects or filling of pot-holes has been technically proven to be only a short-term and a superficial remedy to highway damage.
- 4.3 Based on the 2011 condition surveys, the current highway maintenance backlog has been estimated to be £97.3 million. The funding required to address this backlog, based on traditional maintenance treatments, has been assessed to be £20 million per year over a 5 year period. Given the current economic climate this is clearly unsustainable and there is therefore the risk that continuing deterioration of the highway will substantially increase the backlog and/or result in closure of roads. In order to reduce this risk officers are proposing the use of preventative type treatments which cost considerably less than the traditional maintenance treatments and are cost effective in extending the life of the highway.

#### **5. EQUALITIES AND DIVERSITY ISSUES**

- 5.1 Good roads and pavements have benefits to all sectors of the community in removing barriers and assisting quick, efficient and safe movement to school, work and leisure.
- 5.2 The physical appearance and the condition of the roads and pavements have a significant impact on people's quality of life. A poor quality street environment will give a negative impression of an area, impact on people's perceptions and attitudes as well as increasing feelings of insecurity. The Council's policy is focused on improving the overall street scene across the borough to a higher level and is consistent with creating an outcome where all communities are thriving and harmonious places where people are happy to live.
- 5.3 There are on-going assessments carried out on the conditions of the roads and pavements in the borough, which incorporates roads on which there were requests by letter, email, and phone-calls from users, Members and issues raised at meetings such as Forums, Leader listens and Chief Executive walkabouts, etc. The improvements and repairs aim to ensure that all users have equal and safe access across the borough regardless of the method of travel. Surface defects are remedied to benefit general health and safety issues for all.

There is an on-going process of regularisation and de-clutter of street furniture and an updating of highway features to meet the latest statutory or technical expectations.

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

6.1 Funding is being sought from all possible sources to address the on-going deterioration of the non-principal local roads and to improve the condition of footways, eliminating the backlog of repairs. Appendix F shows the Planned Maintenance Budgets over the last 10 years; this shows a gradual reduction of the level of spending over recent years, with the exception of the last two years. This reduction of planned maintenance has contributed to the planned maintenance backlog. In addition, as funding reduces, the ability to provide a satisfactory level of investment in the road network decreases and this in turn generates increasing levels of reactive cost and works.

6.2 A bid for carriageway resurfacing and footway relay works on principal roads borough wide was included in the Local Implementation Plan (LIP) 2014/15 submitted to Transport for London (TfL), during September 2013. TfL confirmed a total grant allocation of £4.501 million in December 2013 and the breakdown of the approved grant is as follows:

<b>Programme</b>	<b>Allocation (£'000)</b>
Corridors, Neighbourhoods and Supporting Measures	£3,325
Principal Road Maintenance	£1,076
Local Transport Funding	£100
Major Schemes	Nil

TfL approved £ 1,076k grant for the 2014 - 15 programme maintenance of the principal road network. The approval process has taken into account the condition of the principal road network based upon the annual road condition surveys. TfL Financial Guidance procedures will be followed when implementing works and seeking reimbursement of costs.

6.3 The total Council budget allocation for planned maintenance carriageway and footway works in the combined areas for 2014/15 is not known at the time of writing but will be published as soon as this information is available. This figure will not include measures proposed as part of the TfL bid. The schemes shown in Appendix A will be funded through grants from TfL, Borough Capital and S106 contributions from private developments. Appendix C annexed, gives the breakdown of the Planned Maintenance Budget for 2014 /2015, which has been assumed at £3 million. Appendix C also includes details of the TfL or LIP funding and any S106 funding. Appendix A has been prepared as a list of schemes for each stream of funding, such as TfL, Borough Capital contributions and contributions from private developers. The

6.4 Officers have prioritised schemes in order to get the maximum benefit and value for money. Roads in need of treatment but are not included in the programme, due to the limited budgets, are included in the reserve list and may be implemented if funding becomes available. If not, they will be considered further in the future in a new programme subject to meeting the appropriate criteria and approval process. It should be recognised that it would be desirable to carry out works on all roads listed as high priority; however, the

current budget allocation does not allow for the full extent of the programme. As a consequence the high priority roads not completed this year will likely need some maintenance work carried out in order to keep them in a reasonably safe condition. This will add further pressure to the Responsive Maintenance budget in the next financial year.

- 6.5 The carriageway and footway estimates given in Appendix A are provisional and may be subject to change following completion of the individual scheme designs. The estimates are based on the contract rates of the London Highways Alliance Contract (LoHAC), which the Council is in the process of adopting to use as a means to deliver all the highway maintenance as from April 2014. Significant changes will be discussed with the Cabinet Member for Environment and there may be a need to vary the length or type of treatment within each street to ensure that the overall budget is not exceeded. Works will be contained within the overall approved budget.
- 6.6 There are no staffing ICT or property implications but may be possible issues during transgression to DRS

## **7. LEGAL ISSUES**

- 7.1 None, save those contained in the main body of the report

## **8. CONSTITUTIONAL POWERS**

- 8.1 Constitution Part 3, Responsibility for Functions, Paragraph 3.10 - Area Environment Sub-Committees perform functions that are the responsibility of the Executive relating to highways use and regulation that are not the responsibility of the Council.

## **9 BACKGROUND INFORMATION**

- 9.1 The Highways Act 1980 (HA 1980) sets out the main duties of the highway authorities in England and Wales. Highway maintenance policy is set within a legal framework. Section 41 of the HA 1980 imposes a duty to maintain highways which are maintainable at public expense and almost all claims against authorities relating to highway functions arise from an alleged breach of this section. The HA 1980 sits within a much broader legislative framework specifying powers, duties and standards for highway maintenance.
- 9.2 The Council has a duty to ensure that the statutory functions and responsibilities in relation to highways are discharged. The Authority also has a duty to ensure a safe passage for the highway user through the effective implementation of the legislation available to it, principally the HA 1980, and in particular Section 41, of the Act.
- 9.3 Planned highway maintenance is generally funded by Borough Capital Funding. Capital allocations are also made by Central Government through the LIP process taking into account factors such as road length, classification, traffic figures and road condition data derived from the condition indicators, UK Pavement Management System (UKPMS), National Road Maintenance Condition Survey (NRMCS) and condition surveys. Revenue allocations funding, which covers mostly reactive maintenance, is generally provided from a combination of local council tax and other Government Revenue Support

Grants. Funding is further sought from Private Developers, secured as a condition of planning approval under S106 of the Town and Country Planning Act 1990. It is important to ensure that realistic benefit is obtained for highway maintenance from contributions in respect of new developments.

- 9.4 The programme proposed by this report was based on condition surveys, covering 100% of the roads and 50% of the Footways, carried out in the summer of 2013 by independent consultants, as per the recommendations of the 2010 Task and Finish Group. The surveys on the Borough roads have been carried out by Cormorant Surveys/Appia by using the L B Ealing Framework contract, which the Council agreed to adopt. The condition surveys on the Council's Principal roads are commissioned through the London Borough of Hammersmith and Fulham and financed by TfL. As per the Prioritisation Procedure approved by the Cabinet in 2002, highway officers and inspectors have contributed to the process by providing an independent assessment of the condition of the highway, following a visual survey. This was achieved by visually inspecting all the individual roads suggested by members of the public, Ward Councillors and Highway Inspectors as requiring maintenance.
- 9.5 Schemes have been prioritised based on the known condition and in the interest of achieving best value for investment in the highway infrastructure. In order to achieve best value, the proposed treatments include a large scale patching programme where the full length of the road need not be resurfaced. As previously mentioned, all roads for which the Borough is the Highway Authority have recently been visually surveyed and defects have been recorded to date. From this information each road has been scored to achieve a condition rating and a schedule has been produced which identifies the ranking of each road on a relative condition basis to date. Each of the 2,000 plus roads in the borough has been ranked together with a usage factor as per the Prioritisation Procedure approved by the Cabinet in 2002. Those that are ranked highest are likely to be prioritised for inclusion in the 2013/14 programme in accordance with the available budget. The benefit of the ranking process will be that should additional funding become available during the year the next highest ranked road will be brought into the programme.
- 9.6 The current national condition indicators covering highways are National Indicators NI 130-01 and NI 130-02. These indicators have replaced the former NIs 168 and 169 in 2010/11 and measure the condition of Principal and Non Principal roads respectively. Principal roads are regional or district distributor routes made up mostly of 'A' designated roads acting as a network between Trunk roads and roads of local importance. The single data list is published by the Central Government Website for Barnet is:

National Indicator	2006/ 07	2007/ 08	2008/ 09	2009/ 10	2010/ 11	2011/ 12	2012 /13
N.I 130-01: Principal roads where maintenance should be considered - Provides an Indication of the	9	3	3	5	4	4	9

proportion of principal roads where structural maintenance should be considered.							
N.I 130-02: Non-principal classified roads where maintenance should be considered - Provides an Indication of the proportion of B and C-class roads where structural maintenance should be considered.	10	9	6	6	5	3	3

- 9.7 Although Best Value Performance indicator BVPI 187 has been dropped from the new National Indicator Set, it is acknowledged that the condition of footways is a very valuable indicator, not only in terms of accessibility and safety, but also in the contribution that well maintained footways make to the appearance of local neighbourhoods, and also of the level of public satisfaction with the Borough's highways service provision. Therefore it is proposed to develop a new local indicator that will measure the condition of the entire footway network Borough wide. Whilst previous footway maintenance programmes have primarily targeted the Categories 1 and 2 footways, the condition of the major part of the footway network must also be considered. A comprehensive condition survey needs to be completed and the aim of this is primarily to get a full and accurate picture of the condition of the full network. This also enables a comparison to be made of the relative condition of the "residential pavements" with the BVPI 187 footways. Also successive surveys, year – on – year, will allow the comparison of footway condition across the whole network and demonstrate trends in improvement or deterioration Borough wide. Based on the most recent condition surveys the BVPI 187 equivalent is 42%.
- 9.8 Under Section 58 of the New Roads and Street Works Act 1991, the Highway Authority is required to issue a formal three-month Notice of its intention to carry out substantial road works on the public highway. This requirement is aimed at preventing or restricting streets being dug up soon after they have been resurfaced or closed for major works. This is a legal notice which is served on all the statutory undertakers who carry out work in the Borough. The Highways Authority is required to commence the works within one month of the date specified in the notice. The restriction on statutory undertakers carrying out street work applies for a period of 12 months after the works have been implemented. Statutory companies can, in some cases, still carry out emergency works with the consent of the Highway Authority. The Notice will be published in the London Gazette and sent to all the utility companies for co-ordination.
- 9.9 The Traffic Management Act 2004 introduced a new class of Strategic Roads

for London where the London Boroughs retain highway and traffic authority responsibilities but for which Transport for London (TfL) has oversight. This requires the Council to notify TfL, or both TfL and neighbouring boroughs if its proposal to undertake works, such as maintenance, would be likely to affect traffic operations on a strategic road in its own area. All schemes are in the process of being assessed, to secure improvements in traffic flows and reduce congestion within a safe environment. TfL will be provided with the necessary information within the stipulated timescales for the relevant schemes.

- 9.10 The programme needs to be flexible to accommodate schemes which emerge during the course of the year, either as a result of sudden and rapid deterioration or urgent local needs which are agreed to take priority. Schemes may also slip, for example when other promoters identify works which need to proceed prior to the maintenance scheme. Building flexibility into the system will help us ensure that a responsive service can be provided to changing needs. We have therefore included a reserve list of schemes to replace programmed schemes in case an approved scheme needs to be replaced due to unforeseen circumstances. It may also be necessary to introduce further roads into the programme which are not currently listed in this report. This should only be necessary if a road has rapidly deteriorated during the programme period to a point where intervention involving reconstruction is the only option in order to maintain the road in a safe condition.
- 9.11 A substantial programme of investment in highway maintenance has the potential to increase traffic disruption in the short term and consequently can raise user inconvenience. Effective co-ordination and harmonisation combined with careful and considerate design and programming of works should avoid or significantly mitigate this.
- 9.12 Following the extreme weather conditions of the recent winters there has been an increase in appearance of potholes and associated defects. The ingress of water into surface cracks followed by freezing and thawing has inevitably resulted in accelerated deterioration of road surfaces and an exceptional increase in the number of potholes. The continuous cycle of freezing and thawing, particularly on roads where long term maintenance had not been undertaken, has led to deterioration of road surfaces. A total of £3m was spent in repairing potholes over the years 2009/10 and 2010/11. The cold weather in January 2013, coupled with the highways maintenance backlog, has resulted in another wave of potholes over the next few months. It is estimated that the Council has spent in excess of £600,000 in repairing potholes during the last financial year.
- 9.13 Appendix A lists all carriageway resurfacing, patching, micro asphalt and footway relay works in each ward which are intended to be undertaken during 2014/2015. Where appropriate, the table shows the section of the street that will be treated. Relevant information about the work in each location will continue to be provided in advance to residents by letter and signing. In order to maximise improvement to the street scene, action will be taken to tidy up associated infrastructure and generally reduce street clutter.
- 9.14 Traffic Management Measures Review – See Appendix D annexed, detailing the procedure of appraisal process and consultation / governance

arrangements in relation to the removal and subsequent assessment relating to physical measures that are removed as part of the re-surfacing works. The review assesses any identified amendments to existing traffic calming or management measures to ensure quantifiable benefit to the community.

9.15 As recommended by the 2010 Task and Finish Group funding The Council developed a Highway Asset Management Plan (HAMP). Officers have also started Asset Collection Inventories for the whole of the road network making use of the 2010/11, 2011/12 and 2012/13 LIP allocations. The 2014/15 LIP allocation has no allowance for developing a HAMP and any additional funding required will need to be met by Council budgets.

9.16 Using Highway Asset Management principles and the previous year's condition surveys (2010/11) carried out on the whole of the road network; officers have estimated the maintenance backlog on the highways network to be £97.293 million. A breakdown of this figure is given below:

Asset	Estimated Maintenance Backlog
Principal Roads	£7.179 million
Remaining Borough Roads	£49.333 million
All Roads	£56.512 million
Footways	£40.781 million
Total Roads and Footways	£97.293 million

The funding required to address this maintenance backlog is estimated at £19.6 million per year, over a five year period. It must be emphasised that without the appropriate investment the maintenance backlog will continue to grow and already the passage of two intervening winters renders the above figures an underestimate of the problem. In order to address this problem a capital bid of some £6 million over the next six years has been submitted aimed at reducing the maintenance backlog, arresting further deterioration and reducing the expensive responsive repairs and the insurance claims.

9.17 Adopting HAMP principles marks a move away from "worst first" approach to maintenance operated by the Council so far. Council officers have therefore recently reviewed the highway maintenance treatments to focus on a preventative approach to maintenance. This will help to maximise the available budget recognising that under the current economic conditions the budgets to address the maintenance backlog are currently not available. Alternative treatments, cheaper than the traditional resurfacing, which will preserve and extend the life of carriageway for a number of years, by minimising the whole life costs of the highways have been considered. These treatments include sealing of carriageway cracks and joints, other localised treatments of carriageway cracks, surface dressing, patching, micro



surfacing/micro asphalt-preceded by localised patching, if appropriate. A schedule of items of work for these treatments has been prepared together with the appropriate specification and warranties and these prices have been incorporated in the current term contracts. A number of potential roads have been identified as suitable for these treatments and are therefore proposed as shown in Appendix A.

- 9.18 Some of these treatments have been tried during the current financial year. Micro asphalt resurfacing was applied to four roads in the programme providing 64% savings and further reducing the overall impact to the environment in terms of reducing lorry journeys to landfill sites that are normally associated with traditional resurfacing methods. This maintenance treatment where appropriate will also be recommended again this year.

The review of other resurfacing and treatment methods meant that we were able to introduce Fortseal carriageway preservation system to one of the roads in the programme. The process consists of spraying a hard bitumen emulsion on to the road surface. This application seals the surface to prevent the effects of oxidation and raveling, thus helping to arrest further deterioration.

Another method of reconstructing a carriageway by recycling the existing lower road layers in-situ and stabilising them by adding cement has also been tried successfully. In addition to significant environmental benefits and a much lower carbon footprint compared to normal reconstruction methods, this process has provided a financial saving of some 25%.

- 9.19 An addendum referring to Appendix C will be issued prior to the meeting if capital funding has been ratified.

## **10. LIST OF BACKGROUND PAPERS**

- 10.1 Inspection Survey records and results; Central Project files; advertisement for the London Gazette.
- 10.2 Any persons wishing to inspect the background papers listed above should contact Brian Francis or Chris Chrysostomou on 0208-359-7514 and 020-8359-7200.

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Priority position	Road Number	Road Name	Section	District	Ward	Area Constituency	Type of Works	Estimated Budget Allocation	Existing Traffic Management Measures
1		MAYS LANE	WORST SECTION - BARNET LANE TO MANOR ROAD	EN5	Underhill	Chipping Barnet	Footway Relay	£115,600	To be Assessed
2		BRIDGE LANE	WORST SECTION - CRANBOURNE GARDENS TO A406	NW11	Golders Green	Finchley & Golders Green	Footway Relay	£224,400	To be Assessed
3		TILLINGHAM WAY	WORST SECTION - HOLDEN ROAD TO SOUTHOVER	N12	Totteridge	Chipping Barnet	Footway Relay	£83,776	To be Assessed
4	A1000	GREAT NORTH ROAD	WORST SECTION - GREENACRE TO BEAUMONT PLACE	EN5	High Barnet	Chipping Barnet	Footway Relay	£40,800	To be Assessed
5		CHEVIOT GARDENS	WORST SECTION - PENNINE DRIVE TO COTSWOLD GARDENS	NW2	Golders Green	Finchley & Golders Green	Footway Relay	£101,728	To be Assessed
6		MANOR HALL DRIVE	WORST SECTION - MANOR HALL AVENUE TO A1	NW4	Finchley Church End	Finchley & Golders Green	Footway Relay	£50,139	To be Assessed
7		DAWS LANE	MARION ROAD TO BYRON ROAD	NW7	Mill Hill	Hendon	Footway Relay	£119,408	To be Assessed
8		GREENWAY CLOSE	WHOLE LENGTH	NW9	Burnt Oak	Hendon	Footway Relay	£22,848	To be Assessed
9		RALEIGH DRIVE	WHOLE LENGTH	N20	Oakleigh	Chipping Barnet	Footway Relay	£106,896	To be Assessed
10		LONGMORE AVENUE	WORST SECTION - WELBECK ROAD TO NETHERLANDS ROAD	EN4	East Barnet / Oakleigh	Chipping Barnet	Footway Relay	£27,200	To be Assessed
11		ASHLEY LANE	WORST SECTION - A1 TO WOOD TREE CLOSE	NW4	Hendon	Hendon	Footway Relay	£79,333	To be Assessed
12		ABERCORN CLOSE	WORST SECTION	NW7	Mill Hill	Hendon	Footway Relay	£22,440	To be Assessed
13		WOODSIDE GRANGE ROAD	WORST SECTION	N12	Totteridge	Chipping Barnet	Footway Relay	£161,024	To be Assessed
14		SWEETS WAY	WORST SECTION	N20	Totteridge	Chipping Barnet	Footway Relay	£40,800	To be Assessed
15		MILLWAY	WORST SECTION - A1 TO WEYMOUTH AVENUE	NW7	Mill Hill	Hendon	Footway Relay	£153,113	To be Assessed

APPENDIX A 2014/15 HIGHWAYS MAINTENANCE WORKS PROGRAMME  
FOOTWAY RELAY

16		FINCHLEY ROAD	WORST SECTION	NW11	Garden Suburb	Finchley & Golders Green	Footway Relay	£46,750	To be Assessed
17		PURSLEY ROAD	WORST SECTION - BITTACY RISE TO PAGE STREET	NW7	Mill Hill	Hendon	Footway Relay	£79,333	To be Assessed
18		MAYS LANE	WORST SECTION - SHELFORD ROAD TO BARNET GATE LANE	EN5	Underhill	Chipping Barnet	Footway Relay	£108,800	To be Assessed
19		MANOR HALL AVENUE	WORST SECTION - B552 TO ASHLEY LANE	NW4	Finchley Church End	Finchley & Golders Green	Footway Relay	£101,229	To be Assessed
20	A5150	COLINDEEP LANE	WORST SECTION - EDGWARE ROAD (A5) TO SHEAVESHILL AVENUE	NW9	Colindale	Hendon	Footway Relay	£92,027	To be Assessed
21		MAYS LANE	WORST SECTION - CHESTERFIELD ROAD TO SHELFORD ROAD	EN5	Underhill	Chipping Barnet	Footway Relay	£108,800	To be Assessed
22		ESCOT WAY	WORST SECTION - ENDERSBY ROAD TO DENTON CLOSE	EN5	Underhill	Chipping Barnet	Footway Relay	£39,440	To be Assessed
23		MAYFIELD GARDENS	WORST SECTION - SHIREHALL PARK TO SHIREHALL LANE	NW4	West Hendon	Hendon	Footway Relay	£61,200	To be Assessed
24		GOLDBEATERS GROVE	WORST SECTION - WATLING AVENUE TO GOLDBEATERS GROVE	HA8	Burnt Oak	Hendon	Footway Relay	£39,576	To be Assessed
25		GOLDA CLOSE	WHOLE LENGTH	EN5	Underhill	Chipping Barnet	Footway Relay	£14,960	To be Assessed
26		MILESPIT HILL	WORST SECTION - PURSLEY ROAD TO HIGH STREET	NW7	Mill Hill	Hendon	Footway Relay	£84,864	To be Assessed
27	A5100	HALE LANE	FARM ROAD TO DEANS LANE	HA8	Hale	Hendon	Footway Relay	£154,700	To be Assessed
28		BOOTH ROAD	WORST SECTION - BOOTH ROAD FROM COLINDALE AVENUE TO BOOTH ROAD	NW9	Colindale	Hendon	Footway Relay	£75,072	To be Assessed
29		CANONS CLOSE	WHOLE LENGTH	N2	Garden Suburb	Finchley & Golders Green	Footway Relay	£48,688	To be Assessed
30	B552	HOLDERS HILL ROAD	WORST SECTION - LINKSWAY TO TURNBERRY CLOSE	NW4	Finchley Church End	Finchley & Golders Green	Footway Relay	£95,200	To be Assessed

2014/15 HIGHWAYS MAINTENANCE WORKS PROGRAMME  
FOOTWAY RELAY

APPENDIX A

31	WATLING AVENUE	WORST SECTION	HA8	Burnt Oak	Hendon	Footway Relay	£47,600	To be Assessed
32	CHESSINGTON AVENUE	WORST SECTION - CHARTER WAY A598 TO END	N3	Finchley Church End	Finchley & Golders Green	Footway Relay	£120,224	To be Assessed
33	TENTERDEN GROVE	WORST SECTION - FINCHLEY LANE TO PARSON STREET	NW4	Hendon	Hendon	Footway Relay	£40,800	To be Assessed
34	HADLEY GREEN ROAD	CAMLET WAY TO DURY ROAD	EN5	High Barnet	Chipping Barnet	Footway Relay	£68,000	To be Assessed
35	ROCKWAYS	WORST SECTION - ROCKWAYS SERVICE RD TO W END	EN5	High Barnet	Chipping Barnet	Footway Relay	£46,240	To be Assessed
36	GRAHAME PARK WAY	BUNNS LANE TO CORNER MEAD	NW9	Colindale	Hendon	Footway Relay	£94,928	To be Assessed
37	VICARAGE ROAD	WORST SECTION - DARTMOUTH ROAD TO ALGERNON ROAD	NW4	West Hendon	Hendon	Footway Relay	£19,040	To be Assessed
38	NEW BRENT STREET	WHOLE LENGTH	NW4	Hendon	Hendon	Footway Relay	£52,133	To be Assessed
39	SPRINGFIELD CLOSE	WHOLE LENGTH	N12	West Finchley	Finchley & Golders Green	Footway Relay	£18,496	To be Assessed
40	BROADFIELDS AVENUE	HAZEL GARDENS TO HALE LANE	Edgware	Edgware	Hendon	Footway Relay	£89,760	To be Assessed
41	BEAULIEU CLOSE	WHOLE LENGTH	NW9	Colindale	Hendon	Footway Relay	£28,560	To be Assessed
42	ALEXANDRA GROVE	WORST SECTION	N12	West Finchley	Finchley & Golders Green	Footway Relay	£133,008	To be Assessed
43	SEVINGTON ROAD	WORST SECTION - PARK ROAD TO VIVIAN AVENUE	NW4	West Hendon	Hendon	Footway Relay	£40,800	To be Assessed
44	OSIDGE LANE	WORST SECTION - THE WOODLANDS TO BOROUGH BOUNDARY	N14	Brunswick Park	Chipping Barnet	Footway Relay	£225,307	To be Assessed
45	ABERCORN ROAD	WORST SECTION - B1462 TO FRITH LANE	NW7	Mill Hill	Hendon	Footway Relay	£105,808	To be Assessed
46	ROWLANDS CLOSE	WHOLE LENGTH	NW7	Mill Hill	Hendon	Footway Relay	£12,784	To be Assessed
47	WOODCOTE AVENUE	WOODCOTE AVENUE TO SALCOMBE GARDENS	NW7	Mill Hill	Hendon	Footway Relay	£35,200	To be Assessed

2014/15 HIGHWAYS MAINTENANCE WORKS PROGRAMME  
FOOTWAY RELAY

APPENDIX A

48	CREIGHTON AVENUE	WORST SECTION - ONE SIDE ONLY	N2	East Finchley	Finchley & Golders Green	Footway Relay	£139,627	To be Assessed
49	COLIN CLOSE	WHOLE LENGTH	NW9	Colindale	Hendon	Footway Relay	£30,464	To be Assessed
50	BUNNS LANE	WORST SECTION - GRAHAME PARK WAY TO A5100	NW7	Hale	Hendon	Footway Relay	£40,800	To be Assessed
51	HOLDEN ROAD	GAINSBOROUGH ROAD TO WESTBURY ROAD	N12	West Finchley	Finchley & Golders Green	Footway Relay	£110,432	To be Assessed
52	RICHMOND GARDENS	WHOLE LENGTH	NW4	West Hendon	Hendon	Footway Relay	£21,760	To be Assessed
53	WISE LANE	WISE LANE SERVICE ROAD EAST TO WEST	NW7	Mill Hill	Hendon	Footway Relay	£59,840	To be Assessed
54	GRAVEL HILL	WHOLE LENGTH	N3	Finchley Church End	Finchley & Golders Green	Footway Relay	£57,517	To be Assessed
55	GRAHAME PARK WAY	AERODROME ROAD TO RAF MUSEUM	NW9	Hale	Hendon	Footway Relay	£66,640	To be Assessed
56	NEW TRINITY ROAD	WORST SECTION	N2	East Finchley	Finchley & Golders Green	Footway Relay	£29,376	To be Assessed
57	GORDON ROAD	WORST SECTION	N3	West Finchley	Finchley & Golders Green	Footway Relay	£108,256	To be Assessed
58	BLUNDELL ROAD	WORST SECTION - MONTROSE AVENUE TO END	HA8	Burnt Oak	Hendon	Footway Relay	£87,584	To be Assessed
59	PARSON STREET	A1 TO GLEBE CRESCENT	NW4	Hendon	Hendon	Footway Relay	£136,000	To be Assessed
60	RUSSELL GROVE	WORST SECTION - MILLWAY TO A1	NW7	Mill Hill	Hendon	Footway Relay	£57,664	To be Assessed
61	GLENMERE AVENUE	WORST SECTION - HOLMDENE AVENUE TO HILLSIDE GROVE	NW7	Mill Hill	Hendon	Footway Relay	£77,520	To be Assessed
62	SIMMONS WAY	WORST SECTION	N20	Oakleigh	Chipping Barnet	Footway Relay	£79,696	To be Assessed
63	ST STEPHENS ROAD	WHOLE LENGTH	EN5	Underhill	Chipping Barnet	Footway Relay	£25,024	To be Assessed
64	DANIEL PLACE	PARK ROAD TO END	NW4	West Hendon	Hendon	Footway Relay	£30,464	To be Assessed

APPENDIX A 2014/15 HIGHWAYS MAINTENANCE WORKS PROGRAMME  
FOOTWAY RELAY

65	PINE ROAD	WORST SECTION	N11	Brunswick Park	Chipping Barnet	Footway Relay	£68,000	To be Assessed
66	BERTRAM ROAD	WORST SECTION - PARK ROAD TO MONTAGU ROAD	NW4	West Hendon	Hendon	Footway Relay	£94,928	To be Assessed
67	NURSERY WALK	SUNNINGFIELDS ROAD TO SUNNY GARDENS ROAD	NW4	Hendon	Hendon	Footway Relay	£35,496	To be Assessed
68	ALBERON GARDENS	WHOLE LENGTH	NW11	Golders Green	Finchley & Golders Green	Footway Relay	£36,992	To be Assessed
69	DEANSBROOK ROAD	LYNDHURST AVENUE TO DEANSBROOK ROAD RBT	HA8	Hale	Hendon	Footway Relay	£61,200	To be Assessed
70	LEESIDE CRESCENT	WORST SECTION - TEMPLE GARDENS TO PRINCES PARK AVENUE	NW11	Golders Green	Finchley & Golders Green	Footway Relay	£118,592	To be Assessed
71	PARK GROVE	WORST SECTION - PARK GROVE FROM GREEN LANE TO END	HA8	Edgware	Hendon	Footway Relay	£40,800	To be Assessed
72	WESTBURY ROAD	WORST SECTION - ARGYLE ROAD TO CHESTERFIELD ROAD	N12	West Finchley	Finchley & Golders Green	Footway Relay	£77,792	To be Assessed
73	BROUGHTON AVENUE	WORST SECTION - HENDON LANE TO WAVERLY GROVE	N3	Finchley Church End	Finchley & Golders Green	Footway Relay	£60,384	To be Assessed
74	WENTWORTH ROAD	WORST SECTION - ST.GEORGES CLOSE TO RAVENSCROFT AVENUE	NW11	Golders Green	Finchley & Golders Green	Footway Relay	£62,288	To be Assessed
75	FORTESCUE ROAD	WORST SECTION- WATLING AVENUE TO CRESSINGHAM ROAD	HA8	Burnt Oak	Hendon	Footway Relay	£55,216	To be Assessed
76	MANOR DRIVE	WORST SECTION - B550 TO RALEIGH DRIVE	N20	Oakleigh	Chipping Barnet	Footway Relay	£126,480	To be Assessed
77	SHIREHALL LANE	WORST SECTION - BRENT STREET TO RENTERS AVENUE ROUNDABOUT	NW4	West Hendon	Hendon	Footway Relay	£128,917	To be Assessed
78	MANOR PARK GARDENS	WORST SECTION - HILLSIDE DRIVE TO MANOR PARK CRESCENT	HA8	Edgware	Hendon	Footway Relay	£68,544	To be Assessed
79	ATHENAEUM ROAD	WORST SECTION	N20	Oakleigh	Chipping Barnet	Footway Relay	£88,672	To be Assessed

APPENDIX A 2014/15 HIGHWAYS MAINTENANCE WORKS PROGRAMME  
FOOTWAY RELAY

80	SADDLESCOMBE WAY	WORST SECTION	N12	Totteridge	Chipping Barnet	Footway Relay	£43,520	To be Assessed
81	BROCKENHURST GARDENS	WHOLE LENGTH	NW7	Mill Hill	Hendon	Footway Relay	£56,304	To be Assessed
82	BARNFIELD ROAD	WORST SECTION - SILKSTREAM ROAD TO WATLING AVENUE	HA8	Burnt Oak	Hendon	Footway Relay	£19,720	To be Assessed
83	CRANBOURNE GARDENS	WORST SECTION - LEESIDE CRESCENT TO BRIDGE LANE	NW11	Golders Green	Finchley & Golders Green	Footway Relay	£136,000	To be Assessed
84	WAYSIDE	WHOLE LENGTH	NW11	Childs Hill	Finchley & Golders Green	Footway Relay	£87,493	To be Assessed
85	FOSTER WALK	WHOLE LENGTH	NW4	Hendon	Hendon	Footway Relay	£19,856	To be Assessed
86	THE VALE	A41 TO WAYSIDE/GRANVILLE ROAD	NW11	Childs Hill	Finchley & Golders Green	Footway Relay	£106,624	To be Assessed
87	HILLSIDE AVENUE	WORST SECTION	N11	Coppetts	Chipping Barnet	Footway Relay	£68,000	To be Assessed
88	INGLEWAY	WORST SECTION - CRESCENT WAY TO SCHOOLWAY / END	N12	Woodhouse	Finchley & Golders Green	Footway Relay	£51,136	To be Assessed
89	LYONSDOWN ROAD	WORST SECTION - LONGMORE AVENUE LOOP	NEW BARNET	Oakleigh	Chipping Barnet	Footway Relay	£44,608	To be Assessed
90	YORK WAY	WORST SECTION - YORK WAY FROM A109 TO MANOR DRIVE	N20	Oakleigh	Chipping Barnet	Footway Relay	£57,573	To be Assessed
91	OAKLEIGH PARK NORTH	ROUNDABOUT TO CHANDOS AVENUE	N20	Oakleigh	Chipping Barnet	Footway Relay	£54,400	To be Assessed
92	BEECHWOOD AVENUE	WORST SECTION	N3	Finchley Church End	Finchley & Golders Green	Footway Relay	£140,896	To be Assessed
93	FITZJOHN AVENUE	WORST SECTION- A1000 TO MAYS LANE	EN5	Underhill	Chipping Barnet	Footway Relay	£106,080	To be Assessed
94	BLESSBURY ROAD	WORST SECTION - ORANGE HILL ROAD TO LITTLEFIELD ROAD	HA8	Burnt Oak	Hendon	Footway Relay	£40,800	To be Assessed
95	ASHLEY LANE	WORST SECTION - B552 TO A1	NW4	Hendon	Hendon	Footway Relay	£58,072	To be Assessed



## FOOTWAY RELAY

96	SOUTHOVER	WORST SECTIONS - 71 TO CUL DE SAC	N12	Totteridge	Chipping Barnet	Footway Relay	£120,587	To be Assessed
97	RANKIN CLOSE	WORST SECTION	NW9	Colindale	Hendon	Footway Relay	£19,312	To be Assessed
98	LYONSDOWN ROAD	WORST SECTION - RICHMOND ROAD TO LYTTON ROAD	NEW BARNET	Oakleigh	Chipping Barnet	Footway Relay	£76,976	To be Assessed
99	BROCKLEY AVENUE	FROM NORTH EAST TO NORTH WEST	HA8	Edgware	Hendon	Footway Relay	£71,400	To be Assessed
100	WALMINGTON FOLD	WORST SECTION	N12	Totteridge	Chipping Barnet	Footway Relay	£46,784	To be Assessed
101	COLIN CRESCENT	WORST SECTION	NW9	Colindale	Hendon	Footway Relay	£111,067	To be Assessed
102	FERNWOOD CRESCENT	WORST SECTION - FERNWOOD CRESCENT FROM A109 N TO A109	N20	Oakleigh	Chipping Barnet	Footway Relay	£40,800	To be Assessed
103	ELTON AVENUE		EN5	Underhill	Chipping Barnet	Footway Relay	£72,080	To be Assessed
104	LONGLAND DRIVE	WORST SECTION	N20	Totteridge	Chipping Barnet	Footway Relay	£95,200	To be Assessed
105	FRIARY WAY	WORST SECTION - TORRINGTON PARK TO FRIARY ROAD	N12	Woodhouse	Finchley & Golders Green	Footway Relay	£49,776	To be Assessed
106	CHURCH LANE	WORST SECTION - EAST END ROAD TO A1000	N2	East Finchley	Finchley & Golders Green	Footway Relay	£36,448	To be Assessed

Priority position	Road Number	Road Name	Section	District	Ward	Area Constituency	Defects Type	Estimated Budget Allocation	Existing Traffic Management measures	Comments	Recommended Treatment
	A110	EAST BARNET ROAD	STATION ROAD MARGARET ROAD	EN4	East Barnet	Chipping Barnet	Structural	£179,000	To be Assessed	TfL Funded - Principal Road	HRA 55/10
	A598	FINCHLEY ROAD	A41 TO CRICKLEWOOD LANE	NW2	Childs Hill	Finchley & Golders Green	Structural	£365,000	To be Assessed	TfL Funded - Principal Road	HRA 55/10
		HERBERT ROAD	A5 WEST HENDON BROADWAY TO WILBERFORCE ROAD	NW2	West Hendon	Hendon	Structural	£122,000	To be Assessed	TfL Funded - Principal Road	HRA 55/10
	A109	OAKLEIGH ROAD NORTH	MYDELTON PARK TO HIGH ROAD WHETSTONE	N20	Oakleigh	Chipping Barnet	Structural	£410,000	To be Assessed	TfL Funded - Principal Road	HRA 55/10
1		COLNEY HATCH LANE	BEDFORD CLOSE TO BOROUGH BOUNDARY	N10	Coppetts	Chipping Barnet	Resurfacing	£146,949	To be Assessed	Borough Funded	HRA 55/10
2		COLINDALE AVENUE	THE HYDE TO AJAX AVENUE	NW9	Colindale	Hendon	Structural	£115,024	To be Assessed	Borough Funded	HRA 55/10
3		GRAHAME PARK WAY	BUNNS LANE TO CORNER MEAD	NW7/NW9	Colindale	Hendon	Structural	£253,374	To be Assessed	Borough Funded	HRA 55/10
4		GRAHAME PARK WAY	CORNER MEAD TO GREAT STRAND	NW7/NW9	Colindale	Hendon	Structural	£227,238	To be Assessed	Borough Funded	HRA 55/10
5		PENNINE DRIVE	A41 TO ROUNDABOUT	NW2	Golders Green	Finchley & Golders Green	Structural	£133,964	To be Assessed	Borough Funded	HRA 55/10
6		WILBERFORCE ROAD	WHOLE LENGTH	NW9	West Hendon	Hendon	Structural	£83,246	To be Assessed	Borough Funded	HRA 55/10
7		PATTISON ROAD	WHOLE LENGTH	NW2	Childs Hill	Finchley & Golders Green	Structural / recycling	£82,476	To be Assessed	Borough Funded	HRA 55/10
8		CRESCENT ROAD	WORST SECTION	East Barnet	East Barnet	Chipping Barnet	Structural	£188,842	To be Assessed	Borough Funded	HRA 55/10
9		GROVE ROAD	WHOLE LENGTH	HA8	Edgware	Hendon	Resurfacing	£33,300	To be Assessed	Borough Funded	Thin Surfacing
10		CAMPBELL CROFT	WHOLE LENGTH	Edgware	Edgware	Hendon	Surface Treatment	£8,243	To be Assessed	Borough Funded	Micro Asphalt
11		PARK ROAD	BARING ROAD TO VICTORIA ROAD	New Barnet	East Barnet	Chipping Barnet	Resurfacing	£71,299	To be Assessed	Borough Funded	Thin Surfacing
12		LYNDALE AVENUE	CUL DE SAC TO CRICKLEWOOD LANE	NW2	Childs Hill	Finchley & Golders Green	Resurfacing / recycling	£130,088	To be Assessed	Borough Funded	DBM
13		MANSFIELD AVENUE	DANELAND TO 40	EN4	East Barnet	Chipping Barnet	Resurfacing	£41,832	To be Assessed	Borough Funded	DBM
14		MANOR DRIVE	WORST SECTION	N20	Oakleigh / Coppetts	Chipping Barnet	Resurfacing	£183,787	To be Assessed	Borough Funded	HRA 55/10
15		PARKSIDE GARDENS	WORST SECTION	EN4	Brunswick Park	Chipping Barnet	Resurfacing	£128,671	To be Assessed	Borough Funded	Thin Surfacing

16	NEWCOMBE PARK	WHOLE LENGTH	NW7	Mill Hill	Hendon	Resurfacing	£92,960	To be Assessed	Borough Funded	DBM
17	ST MICHAELS CLOSE	WHOLE LENGTH	N12	Woodhouse	Finchley & Golders Green	Resurfacing	£17,550	To be Assessed	Borough Funded	DBM
18	RALEIGH DRIVE	WHOLE LENGTH	N20	Oakleigh	Chipping Barnet	Surface Treatment	£26,825	To be Assessed	Borough Funded	Micro Asphalt
19	PARK CRESCENT	QUEENS AVENUE TO ETCHINGHAM PARK ROAD	N3	Woodhouse	Finchley & Golders Green	Surface Treatment	£15,876	To be Assessed	Borough Funded	Micro Asphalt
20	TRINDER ROAD	WHITINGS ROAD TO WELL ROAD	BARNET	Underhill	Chipping Barnet	Surface Treatment	£30,492	To be Assessed	Borough Funded	Micro Asphalt
21	RIDGEVIEW CLOSE	WHOLE LENGTH	BARNET	Underhill	Chipping Barnet	Surface Treatment	£18,020	To be Assessed	Borough Funded	Micro Asphalt
22	MEADWAY GATE	ROUNDABOUT	NW11	Garden Suburb	Finchley & Golders Green	Resurfacing	£71,100	To be Assessed	Borough Funded	HRA 55/10
23	THE CRESCENT	WHOLE LENGTH	N11	Coppetts	Chipping Barnet	Resurfacing / recycling	£137,002	To be Assessed	Borough Funded	HRA 55/10
24	ELMBANK AVENUE	WELL ROAD TO KERRI CLOSE	BARNET	Underhill	Chipping Barnet	Surface Treatment	£28,980	To be Assessed	Borough Funded	Micro Asphalt
25	STATION ROAD	WOOTTON GROVE TO MANOR VIEW	N3	Finchley Church End	Finchley & Golders Green	Resurfacing	£118,493	To be Assessed	Borough Funded	Thin Surfacing
26	PARK GROVE	PARK GROVE TO GREEN LANE	HA8	Edgware	Hendon	Resurfacing	£88,956	To be Assessed	Borough Funded	DBM
27	ST MARYS ROAD	WHOLE LENGTH	EN4	Brunswick Park	Chipping Barnet	Surface Treatment	£5,746	To be Assessed	Borough Funded	Micro Asphalt
28	WEST HEATH ROAD	WORST SECTION	NW3	Childs Hill	Finchley & Golders Green	Surface Treatment	£46,647	To be Assessed	Borough Funded	Micro Asphalt
29	WENTWORTH ROAD	ST. GEORGES CLOSE TO RAVENSCROFT AVENUE	NW11	Childs Hill	Finchley & Golders Green	Resurfacing	£123,706	To be Assessed	Borough Funded	Thin Surfacing
30	THE VALE	HENDON WAY TO DUNSTAN ROAD	N10	Childs Hill	Finchley & Golders Green	Resurfacing	£95,511	To be Assessed	Borough Funded	HRA 55/10
31	THE PARK	WHOLE LENGTH	NW11	Childs Hill	Finchley & Golders Green	Resurfacing	£57,456	To be Assessed	Borough Funded	DBM
32	WOODFIELD AVENUE	THE HYDE TO NEW WAY ROAD	NW9	Colindale	Hendon	Resurfacing	£73,584	To be Assessed	Borough Funded	Thin Surfacing
33	MAYS LANE	DOLLIS VALEY DRIVE TO UNDERHILL	BARNET	Underhill	Chipping Barnet	Surface Treatment	£22,934	To be Assessed	Borough Funded	Micro Asphalt
34	SUMMERS LANE	WOODGRANGE AVENUE TO GRANVILLE ROAD	N12	Woodhouse	Finchley & Golders Green	Resurfacing	£117,019	To be Assessed	Borough Funded	HRA 55/10
35	WILDWOOD ROAD	TURNERS WOOD TO GREEN CLOSE - Worst section	NW11	Garden Suburb	Finchley & Golders Green	Surface Treatment	£30,240	To be Assessed	Borough Funded	55/10
36	SYCAMORE CLOSE	WHOLE LENGTH	New Barnet	East Barnet	Chipping Barnet	Resurfacing	£21,840	To be Assessed	Borough Funded	DBM

37	SHAFTESBURY AVENUE	WHOLE LENGTH	New Barnet	High Barnet	Chipping Barnet	Surface Treatment	£11,794	To be Assessed	Borough Funded	Micro Asphalt
38	PARK DRIVE	WHOLE LENGTH	NW11	Childs Hill	Finchley & Golders Green	Resurfacing	£46,116	To be Assessed	Borough Funded	DBM
39	MAYS LANE	MANOR ROAD TO DOLLIS VALLEY DRIVE	BARNET	Underhill	Chipping Barnet	Surface Treatment	£34,811	To be Assessed	Borough Funded	Micro Asphalt
40	WORDSWORTH WALK	WHOLE LENGTH	NW11	Garden Suburb	Finchley & Golders Green	Resurfacing	£23,693	To be Assessed	Borough Funded	DBM
41	TARLING ROAD	WHOLE LENGTH	N2	East Finchley	Finchley & Golders Green	Surface Treatment	£13,835	To be Assessed	Borough Funded	Micro Asphalt
42	VICTORIA ROAD	WHOLE LENGTH	NW7	Mill Hill	Hendon	Resurfacing	£52,784	To be Assessed	Borough Funded	HRA 55/10
43	GREEN LANE	GREEN LANE FROM MANOR PARK CRESCENT TO PARK GROVE	HA8	Edgware	Hendon	Resurfacing	£146,786	To be Assessed	Borough Funded	Thin Surfacing
44	SOMERTON ROAD	WHOLE LENGTH	NW2	Childs Hill	Finchley & Golders Green	Resurfacing	£158,550	To be Assessed	Borough Funded	DBM
45	EDGWAREBURY LANE	A41 TO HALE LANE	HA8	Edgware	Hendon	Resurfacing	£132,000	To be Assessed	Borough Funded	HRA 55/10
46	TILLING ROAD	SPUR OFF TO END	NW2	Golders Green	Finchley & Golders Green	Resurfacing	£68,612	To be Assessed	Borough Funded	HRA 55/10
47	TILLING ROAD	CLAREMONT ROAD TO TEMPELHOF AVENUE	NW2	Golders Green	Finchley & Golders Green	Resurfacing	£81,765	To be Assessed	Borough Funded	HRA 55/10
48	WETHERILL ROAD	ALEXANDRA ROAD TO COLNEY HATCH LANE	N10	Coppetts	Chipping Barnet	Surface Treatment	£18,727	To be Assessed	Borough Funded	Micro Asphalt
49	UPHILL GROVE	WHOLE LENGTH	NW7	Mill Hill	Hendon	Resurfacing	£109,354	To be Assessed	Borough Funded	DBM
50	CHEVIOT GARDENS	PENNINE DRIVE TO COTSWOLD GARDENS	NW2	Golders Green	Finchley & Golders Green	Resurfacing	£137,816	To be Assessed	Borough Funded	DBM
51	THE CRESCENT	WHOLE LENGTH	NEW BARNET	High Barnet	Chipping Barnet	Surface Treatment	£15,708	To be Assessed	Borough Funded	Micro Asphalt
52	HOLCOMBE HILL	LAWRENCE STREET TO THE RIDGEWAY	NW7	Mill Hill	Hendon	Resurfacing	£69,856	To be Assessed	Borough Funded	Thin Surfacing
53	MAYS LANE	CHESTERFIELD ROAD TO SOUTHFIELDS	BARNET	Underhill	Chipping Barnet	Surface Treatment	£9,283	To be Assessed	Borough Funded	Micro Asphalt
54	ORCHARD ROAD	WHOLE LENGTH	BARNET	Underhill	Chipping Barnet	Surface Treatment	£7,484	To be Assessed	Borough Funded	Micro Asphalt
55	WILLENHALL AVENUE	WHOLE LENGTH	New Barnet	Oakleigh	Chipping Barnet	Surface Treatment	£17,661	To be Assessed	Borough Funded	Micro Asphalt
56	BURRELL CLOSE	WHOLE LENGTH	HA8	Edgware	Hendon	Surface Treatment	£15,456	To be Assessed	Borough Funded	Micro Asphalt
57	KINGSLEY WAY	WHOLE LENGTH	N2	Garden Suburb	Finchley & Golders Green	Resurfacing	£182,600	To be Assessed	Borough Funded	DBM
58	CANONS CLOSE	WHOLE LENGTH	N2	Garden Suburb	Finchley & Golders Green	Surface Treatment	£11,907	To be Assessed	Borough Funded	Micro Asphalt

59	THE RIDING	WHOLE LENGTH	NW11	Childs Hill	Finchley & Golders Green	Resurfacing	£36,660	To be Assessed	Borough Funded	DBM
60	RAVENS CROFT PARK	WHOLE LENGTH	BARNET	High Barnet	Chipping Barnet	Resurfacing	£134,603	To be Assessed	Borough Funded	DBM
61	CORNWOOD CLOSE	WHOLE LENGTH	N2	Garden Suburb	Finchley & Golders Green	Resurfacing	£34,519	To be Assessed	Borough Funded	DBM
62	CAT HILL	START OF SPLITTER TO EAST BARNET ROAD	East Barnet	East Barnet	Chipping Barnet	Resurfacing	£60,040	To be Assessed	Borough Funded	55/10
63	CADDINGTON ROAD	WHOLE LENGTH	NW2	Childs Hill	Finchley & Golders Green	Surface Treatment	£17,917	To be Assessed	Borough Funded	Micro Asphalt
64	FAIRMEAD CRESCENT	WHOLE LENGTH	HA8	Hale	Hendon	Resurfacing	£124,705	To be Assessed	Borough Funded	DBM
65	CHANDOS WAY	WHOLE LENGTH	NW11	Garden Suburb	Finchley & Golders Green	Surface Treatment	£25,099	To be Assessed	Borough Funded	Micro Asphalt
66	POTTERS LANE	MEADWAY TO KING EDWARD ROAD	New Barnet	High Barnet	Chipping Barnet	Resurfacing	£13,378	To be Assessed	Borough Funded	Micro Asphalt
67	THE WOODLANDS	CECIL ROAD TO COWPER ROAD	N14	Brunswick	Chipping Barnet	Resurfacing	£58,608	To be Assessed	Borough Funded	Thin Surfacing
68	THE MEADS	WHOLE LENGTH	HA8	Hale	Hendon	Resurfacing	£98,908	To be Assessed	Borough Funded	HRA 55/10
69	KENILWORTH ROAD	WHOLE LENGTH	HA8	Hale/Edgware	Hendon	Resurfacing	£177,912	To be Assessed	Borough Funded	DBM
70	ST MICHAELS CLOSE	WHOLE LENGTH	N3	Finchley Church End	Finchley & Golders Green	Resurfacing	£21,622	To be Assessed	Borough Funded	DBM
71	ORCHARD DRIVE	WHOLE LENGTH	HA8	Edgware	Hendon	Resurfacing	£74,340	To be Assessed	Borough Funded	DBM
72	RIVERDENE	WHOLE LENGTH	HA8	Hale	Hendon	Resurfacing	£102,312	To be Assessed	Borough Funded	DBM
73	NORTHUMBERLAND ROAD	WHOLE LENGTH	NEW BARNET	Oakleigh	Chipping Barnet	Surface Treatment	£70,531	To be Assessed	Borough Funded	Micro Asphalt
74	RECTORY CLOSE	WHOLE LENGTH	N3	Finchley Church End	Finchley & Golders Green	Surface Treatment	£6,348	To be Assessed	Borough Funded	Micro Asphalt
75	DUNSTAN ROAD	WORST SECTION	NW11	Childs Hill	Finchley & Golders Green	Resurfacing	£201,630	To be Assessed	Borough Funded	HRA 55/10
76	CRESCENT ROAD	GLENTHORNE ROAD TO BETHUNE AVENUE	N11	Coppetts	Chipping Barnet	Resurfacing	£35,964	To be Assessed	Borough Funded	Thin Surfacing
77	BYNG ROAD	WHOLE LENGTH	BARNET	High Barnet	Chipping Barnet	Surface Treatment	£43,924	To be Assessed	Borough Funded	Micro Asphalt
78	ST MARYS ROAD	WHOLE LENGTH	NW11	Golders Green	Finchley & Golders Green	Resurfacing	£38,470	To be Assessed	Borough Funded	DBM
79	BIGWOOD ROAD	WHOLE LENGTH	NW11	Garden Suburb	Finchley & Golders Green	Resurfacing	£102,068	To be Assessed	Borough Funded	HRA 55/10
80	BARNET LANE	MAYS LANE TO WARD BOUNDARY	BARNET	Underhill	Chipping Barnet	Surface Treatment	£51,862	To be Assessed	Borough Funded	Micro Asphalt
81	BACK LANE	BARNFIELD ROAD TO END	HA8	Burnt Oak	Hendon	Resurfacing	£12,628	To be Assessed	Borough Funded	Thin Surfacing

82	LONGMORE AVENUE	EAST BARNET ROAD TO NETHERLANDS ROAD	East Barnet	East Barnet	Chipping Barnet	Resurfacing	£193,177	To be Assessed	Borough Funded	Thin Surfacing
83	HARMONY CLOSE	HARMONY CLOSE FROM PRINCES PARK AVENUE TO HARMONY CLOSE	NW2	Childs Hill	Finchley & Golders Green	Resurfacing	£33,957	To be Assessed	Borough Funded	DBM
84	BRENT TERRACE	WORST SECTION	NW2	Golders Green	Finchley & Golders Green	Resurfacing	£148,520	To be Assessed	Borough Funded	HRA 55/10
85	SHIREHALL PARK	WORST SECTION	NW4	West Hendon	Hendon	Surface Treatment	£57,607	To be Assessed	Borough Funded	Micro Asphalt
86	HAMPDEN SQUARE	Roundabout	N14	Brunswick Park	Chipping Barnet	Resurfacing	£93,240	To be Assessed	Borough Funded	Thin Surfacing
87	PEMBROKE ROAD	PEMBROKE ROAD FROM HAMPDEN ROAD TO END	N10	Coppetts	Chipping Barnet	Resurfacing	£33,696	To be Assessed	Borough Funded	DBM
88	PULLER ROAD	WORST SECTION	BARNET	High Barnet	Chipping Barnet	Surface Treatment	£23,436	To be Assessed	Borough Funded	Micro Asphalt
89	ELMSHURST CRESCENT	FROM LINK TO MAIN SECTION	N2	East Finchley	Finchley & Golders Green	Surface Treatment	£17,310	To be Assessed	Borough Funded	Micro Asphalt
90	BRUNNER CLOSE	WHOLE LENGTH	NW11	Garden Suburb	Finchley & Golders Green	Resurfacing	£27,060	To be Assessed	Borough Funded	HRA 55/10
91	TAYSIDE DRIVE	WHOLE LENGTH	HA8	Edgware	Hendon	Surface Treatment	£19,248	To be Assessed	Borough Funded	Micro Asphalt
92	WINNINGTON ROAD	A1 TO NORRICE LEA	N2	Garden Suburb	Finchley & Golders Green	Resurfacing	£139,356	To be Assessed	Borough Funded	HRA 55/10
93	HILLSIDE GARDENS	WORST SECTION	HA8	Underhill	Chipping Barnet	Resurfacing	£242,720	To be Assessed	Borough Funded	Thin Surfacing
94	INGLEWAY	WHOLE LENGTH	N12	Woodhouse	Finchley & Golders Green	Resurfacing	£95,036	To be Assessed	Borough Funded	DBM
95	GORDON ROAD	WORST SECTION	N3	West Finchley	Finchley & Golders Green	Resurfacing	£100,800	To be Assessed	Borough Funded	DBM
96	EASTSIDE ROAD	ASHBOURNE AVENUE TO HURSTWOOD ROAD	NW11	Golders Green	Finchley & Golders Green	Surface Treatment	£27,195	To be Assessed	Borough Funded	Micro Asphalt
97	DOLLIS AVENUE	NO. 5 TO HENDON AVENUE	N3	West Finchley	Finchley & Golders Green	Surface Treatment	£13,052	To be Assessed	Borough Funded	Micro Asphalt
98	DOLLIS AVENUE	DOLLIS PARK TO 29	N3	West Finchley	Finchley & Golders Green	Surface Treatment	£13,490	To be Assessed	Borough Funded	Micro Asphalt
99	BROOKFIELD AVENUE	WHOLE LENGTH	NW7	Mill Hill	Hendon	Resurfacing	£64,008	To be Assessed	Borough Funded	DBM
100	CHALGROVE GARDENS	WHOLE LENGTH	N3	Finchley Church End	Finchley & Golders Green	Surface Treatment	£9,724	To be Assessed	Borough Funded	Micro Asphalt
101	MOSS HALL GROVE - PART LENGTH	WORST SECTION	N12	West Finchley	Finchley & Golders Green	Resurfacing	£78,255	To be Assessed	Borough Funded	Thin Surfacing
102	BENNINGHOLME ROAD	WHOLE LENGTH	HA8	Hale	Hendon	Resurfacing	£43,973	To be Assessed	Borough Funded	Thin Surfacing

103	LICHFIELD GROVE	MANOR VIEW TO WOOTTON GROVE	N3	Finchley Church End	Finchley & Golders Green	Resurfacing	£135,043	To be Assessed	Borough Funded	Thin Surfacing
104	HOLDEN ROAD	BROOK MEADOW TO WOODSIDE LANE	N12	Totteridge	Chipping Barnet	Resurfacing	£66,600	To be Assessed	Borough Funded	Thin Surfacing
105	CHESSINGTON AVENUE	WHOLE LENGTH	N3	Finchley Church End	Finchley & Golders Green	Surface Treatment	£37,128	To be Assessed	Borough Funded	Micro Asphalt
106	THE GROVE	GROVE AVENUE TO NETHER STREET	N3	West Finchley	Finchley & Golders Green	Resurfacing	£107,892	To be Assessed	Borough Funded	Thin Surfacing
107	CEDAR LAWN AVENUE	LINK TO MANOR ROAD	BARNET	Underhill	Chipping Barnet	Resurfacing	£18,900	To be Assessed	Borough Funded	DBM
108	ALBERT PLACE	WHOLE LENGTH	N3	West Finchley	Finchley & Golders Green	Resurfacing	£19,520	To be Assessed	Borough Funded	DBM
109	WESTERN AVENUE	WHOLE LENGTH	NW11	Golders Green	Finchley & Golders Green	Surface Treatment	£25,682	To be Assessed	Borough Funded	Micro Asphalt
110	CROMER ROAD	WHOLE LENGTH	New Barnet	High Barnet	Chipping Barnet	Surface Treatment	£48,216	To be Assessed	Borough Funded	Micro Asphalt
111	CRESWICK WALK	ADDISON WAY TO END	NW11	Garden Suburb	Finchley & Golders Green	Resurfacing	£18,096	To be Assessed	Borough Funded	DBM
112	UNION STREET	WHOLE LENGTH	BARNET	High Barnet	Chipping Barnet	Resurfacing	£116,920	To be Assessed	Borough Funded	HRA 55/10
113	RENTERS AVENUE	Roundabout	NW4	West Hendon	Finchley & Golders Green	Resurfacing	£56,088	To be Assessed	Borough Funded	HRA 55/10
114	PARSON STREET	DOWNAGE TO A1	NW4	Hendon	Hendon	Resurfacing	£174,240	To be Assessed	Borough Funded	HRA 55/10
115	MOUNT GROVE	WHOLE LENGTH	HA8	Hale	Hendon	Resurfacing	£76,860	To be Assessed	Borough Funded	DBM
116	MOSSBOROUGH CLOSE	WHOLE LENGTH	N12	West Finchley	Finchley & Golders Green	Surface Treatment	£4,284	To be Assessed	Borough Funded	Micro Asphalt
117	DEAN WALK	DEANSBROOK ROAD TO ABBOTS ROAD	HA8	Burnt Oak	Hendon	Resurfacing	£25,200	To be Assessed	Borough Funded	DBM
118	MYDDELTON PARK	WORST SECTION	N20	Oakleigh	Chipping Barnet	Resurfacing	£126,203	To be Assessed	Borough Funded	HRA 55/10
119	WATLING AVENUE	ORANGE HILL ROAD TO BURNT OAK BROADWAY	HA8	Burnt Oak	Hendon	Resurfacing	£108,625	To be Assessed	Borough Funded	HRA 55/10
120	POTTERS LANE	OPPOSITE HOUSE NO16 & 80 TO A1000	New Barnet	High Barnet	Chipping Barnet	Surface Treatment	£19,658	To be Assessed	Borough Funded	Micro Asphalt
121	ELVINGTON LANE	WHOLE LENGTH	NW9	Burnt Oak	Hendon	Surface Treatment	£4,048	To be Assessed	Borough Funded	Micro Asphalt
122	FLOWER LANE	WORST SECTION	NW7	Mill Hill	Hendon	Resurfacing	£219,780	To be Assessed	Borough Funded	HRA 55/10
123	POTTERS LANE	KING EDWARD ROAD TO OPPOSITE HOUSE NO16 & 80	New Barnet	High Barnet	Chipping Barnet	Surface Treatment	£20,272	To be Assessed	Borough Funded	Micro Asphalt

124	FITZJOHN AVENUE	WORST SECTION	BARNET	Underhill	Chipping Barnet	Resurfacing	£199,392	To be Assessed	Borough Funded	Thin Surfacing
125	RUSHGROVE AVENUE	Roundabout j/w Hillfield Avenue / Crossway	NW9	Colindale	Hendon	Resurfacing	£36,900	To be Assessed	Borough Funded	HRA 55/10
126	BARNFIELD ROAD	BURNT OAK BROADWAY TO WATLING AVENUE - Worst section	HA8	Burnt Oak	Hendon	Resurfacing	£59,983	To be Assessed	Borough Funded	Thin Surfacing
127	THE RIDGEWAY	BURTONHOLE LANE TO ENGEL PARK	NW7	Mill Hill		Resurfacing	£191,290	To be Assessed	Borough Funded	HRA 55/10
128	BITTACY PARK AVENUE	WHOLE LENGTH	NW7	Mill Hill		Resurfacing	£54,115	To be Assessed	Borough Funded	HRA 55/10
129	THIRLEBY ROAD	WORST SECTION	HA8	Burnt Oak		Surface Treatment	£7,800	To be Assessed	Borough Funded	Patching
130	BITTACY ROAD	SANDERS LANE TO HOLDERS HILL ROAD	NW7	Mill Hill		Resurfacing	£92,430	To be Assessed	Borough Funded	HRA 55/10



## Appendix B

Risk Assessment Form				
Planned Highway Maintenance Works				
Objective: To undertake programmed maintenance work to preserve the asset, to provide a sustainable environment, to minimise cost over time, to add the community value to the network and to contribute to safety improvements for example skidding resistance and riding quality.				
Risk Category	Description	Likelihood of not being met	Impact	Response
Strategic	NIs (National Indicators) targets to improve the condition of roads and pavements may not be met.  Corporate target to halt deterioration of condition of highway by eliminating backlog of repairs within specified period may not be met.	L  M	H  H	Accept – Programme objectives will help to meet NI targets  Exploit – An opportunity to improve traffic flows and/or reduce congestion by reviewing existing traffic calming measures  Accept – All Funding sources including Transport for London and Neighbourhood Renewal Funding needs to be exploited, in addition to consideration of Prudential Borrowing.
Operational	Lack of forward planning and poor performing contractors may lead to delays in implementation and increased inconvenience to residents.	L	H	Reduce – Timely co-ordination with other works and notifications to TfL for impact on Trunk London Road Network and Strategic Road Network, early programming and use of project management system and on-site monitoring will reduce disruptions and delays to residents and road users during works by contractors.
Staffing & Culture	Staff may not be aware of targets and objectives	L	H	Reduce – Promotion and reinforcement of key objectives and corporate plan with all staff.
Financial	Inability to maintain works within allocated budget.	L	H	Reduce – Procedures and monitoring in place to ensure that works are carried out to ensure value for money in the long term and minimise risks of financial irregularities.
Compliance	Work outside relevant Legislation and council policies	L	H	Reduce – Procedures in place to audit safety of works and current legislation adhered to and ongoing monitoring.

Key to risk or impact H=high M=Medium L=Low

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AREA ENVIRONMENT SUB COMMITTEES: HIGHWAYS PLANNED MAINTENANCE WORKS 2014/15			
Appendix C: PROVISIONAL DRAFT BUDGET 2014/15			
Budget Source	Description	Total Budget 2014 - 2015	Comments
<b>Transport for London (TfL) 2013/14 Programme:</b>			
	Carrageway Resurfacing Principal Road Maintenance	£1,076,000	Potential Schemes identified in Appendix A
	Corridors, Neighbourhoods and Supporting Measures	£3,325,000	
	Local Transport Funding	£100,000	Funding to include carriageway resurfacing and footway relay works amongst other measures
	<b>Total Grant from TfL</b>	<b>£4,501,000</b>	
	<b>Capital:</b>		
	Highways Planned Maintenance Programme	£3,000,000	Funding to include carriageway resurfacing and footway relay works. This figure needs to be confirmed
	<b>Total</b>	<b>£3,000,000</b>	
	<b>Revenue:</b>		
	Responsive Maintenance (Subject to Change)		These figures are subject to change depending on Reactive Maintenance work undertaken in each area. Actual figures may vary subject to approvals from: Cabinet member for Environment Planning & Regeneration; Overview and Scrutiny Committee
	<b>Total Revenue</b>		
	<b>Section 106 Schemes</b> (Subject to change)		Sums allocated are not exclusively to fund Highways Planned Maintenance Programme. Other Highway improvements would also be funded from this budget
	<b>Grand Total</b>	<b>£7,501,000</b>	

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## Traffic Management Measures Review Process

### **Notification of Works**

Residents will be given an initial 3 weeks notification of the scheduled resurfacing work to be undertaken on their road. The objective is to provide sufficient notice of the changes which will take place.

### **Consultation**

The following groups will be contacted as part of the technical assessment process. They will be sent a feedback form asking for their opinions about the work which has taken place on their road. Other interest groups such as Public Transport services will also be contacted, where applicable:

- **Residents** – The re-assessment of traffic management measures in a particular road will raise some concerns of local residents. Residents will have an opportunity to voice their opinions via the residents feedback form. The Officer responsible for the Traffic Management Review will include these as part of the technical assessment process.
- **Ward Members** – The views of the local Councillors will be taken into consideration as part of the technical assessment process. Councillors will also be sent a Feedback form requesting their views.
- **Emergency Services** – The Police, Fire Brigade and Ambulance Services will be contacted for their views on how the traffic management measures affect their ability to respond to emergencies and/or deliver vital services.

All consultees will be given time to pay particular attention to the highway conditions both pre and post works before consultation returns are requested.

### **Technical Assessment**

The Technical Assessment will assess whether the removed traffic management measures continue to address the original safety / movement objectives. This will consist of a pre-speed survey, which will be conducted prior to the resurfacing and a post speed survey. These surveys will allow a comparative analysis to be undertaken to show how the removal of the measures affect the average speed of vehicles travelling along the road. Accident data, recorded by the Metropolitan Police Service, is collated to show how many personal injury accidents have taken place over the past three years. The views of the residents, ward members and emergency services will also be included in the Technical Assessment. There will be a presumption not to re-provide any measures that cannot show any quantifiable benefit to the community.

### **Report and Decision**

The Interim Director of Environment, Planning and Regeneration will present a synopsis of the Officer findings, including the Traffic Management Review results and recommendation to the Lead Member for Environment & Operations and the relevant Area Environment Sub-Committee Chairman for a decision.

### **Informing Residents of the Decision**

Residents will be informed of the decision through a letter drop to all residents that returned a completed questionnaire.

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**APPENDIX E**

**Highway Maintenance Schemes for 2013/14 £4 million Additional Funding**

Location	Type of Works	District	Ward	Extent of Works	Comments
<b>Footways</b>					
BEEHCROFT AVENUE	Footway Renewal	NW11	Childs Hill	Ravenscroft Avenue to Hoop Lane - Worst Sections	In Progress
PENSHURST GARDENS	Footway Renewal	HA8	Edgware	Hale Lane to Dead End (Cul de Sac) - Whole Length	In Progress
PRINCES PARK AVENUE	Footway Renewal	NW11	Golders Green	Bridge Lane to Golders Green Road - Whole Length	In Progress
RAVENSHURST AVENUE	Footway Renewal	NW4	Hendon	Church Road to Somerset Road	Completed
WOODLANDS	Footway Renewal	NW11	Golders Green	Golders Green Road Woodlands Close - Whole Length	In Progress
GLOUCESTER GARDENS	Footway Renewal	NW11	Golders Green	Golders Green Road to Dead End (Cul de Sac) - Whole Length	In Progress
WOODLANDS CLOSE	Footway Renewal	NW11	Golders Green	Woodlands to Dead End - Cul de Sac - Whole Length	Completed
BROOK MEADOW	Footway Renewal	N12	Totteridge	Holden Road to Dead End (Cul de Sac) - Whole Length	In Progress
RENTERS AVENUE	Footway Renewal	NW4	West Hendon	Shirehall Lane to Cheyne Walk and to A41	In Progress
BRUNSWICK PARK GARDENS	Footway Renewal	N11	Brunswick Park	Brunswick Park Road to Howard Close - Whole Length	In Progress
CHANDOS AVENUE	Footway Renewal	N20	Oakleigh	Langton Avenue to Netherlands Road	In Progress
CREIGHTON AVENUE	Footway Renewal	N2	East Finchley	Borough Boundary (No 202) to Chantry Court	In Progress
HOLDERS HILL CRESCENT	Footway Renewal	NW4	Finchley Church End	Holders Hill Road to Holders Hill Avenue - Whole Length	In Progress
HOLDERS HILL DRIVE	Footway Renewal	NW4	Finchley Church End	Holders Hill Road to Holders Hill Avenue - Whole Length	Completed

Location	Type of Works	District	Ward	Extent of Works	Comments
Footways					
NEWCOMBE PARK	Footway Renewal	NW7	Mill Hill	Goodwyn Avenue to Millway - Whole Length	Completed
RIVERDENE	Footway Renewal	HA8	Hale	Mountgrove to Mountgrove - Whole Length	In Progress
MOUNT GROVE	Footway Renewal	HA8	Hale	Riverdene to Edgware Way - Whole Length	In Progress
GREENWAY CLOSE	Footway Renewal	N20	Totteridge	Green Way to Dead End (Cul de Sac) - Whole Length	In Progress
BENNINGHOLM E ROAD	Footway Renewal	HA8	Hale	Goldbeaters Grove to The Meads - Whole Length	In Progress
LALEHAM AVENUE	Footway Renewal	NW7	Hale	The Fairway to Fernside Avenue - Whole Length	In Progress
LANGLEY CRESCENT	Footway Renewal	HA8	Hale	Mountgrove to Mountgrove - Whole Length	In Progress
MAYS LANE	Footway Renewal	EN5	Underhill	Alan Drive to Shelford Road	Planned for April 2014
NORTH END ROAD	Footway Renewal	NW11	Garden Suburb	Golders Green Road to Platts Lane	In Progress
SHIREHALL GARDENS	Footway Renewal	NW4	West Hendon	Shirehall Lane to Shirehall Park - Whole Length	In Progress
SHIREHALL PARK	Footway Renewal	NW4	West Hendon	Shirehall Lane to Brentmead Place	In Progress
THURLESTONE AVENUE	Footway Renewal	N12	Coppetts	Lyndhurst Avenue to Woodleigh Avenue - Whole Length	In Progress
UPHILL DRIVE	Footway Renewal	NW7	Mill Hill	Watford Way to Barnet By Pass - Whole Length	In Progress
WESTMERE DRIVE	Footway Renewal	NW7	Hale	Ellesmere Avenue to Fernside Avenue - Whole Length	In Progress
WORDSWORTH WALK	Footway Renewal	NW11	Garden Suburb	Hogarth Hill to Dead End (Cul de Sac) - Whole Length	In Progress



Location	Type of Works	District	Ward	Extent of Works	Comments
<b>Carriageways</b>					
DEANSBROOK ROAD (Grange Road to Lyndhurst Avenue)	Carriageway Resurfacing	NW7	Burnt Oak	Grange Road to Lyndhurst Avenue	Completed
DEANSBROOK ROAD (Edwin Road to Deans Lane)	Carriageway Resurfacing	NW7	Burnt Oak	Edwin Road to Deans Lane	Completed
PARK VIEW ROAD	Carriageway Resurfacing	N3	Finchley - Church End	Whole Length	Completed
WAYSIDE	Carriageway Resurfacing	NW11	Childs Hill	A41 Hendon Way to The Vale	Completed
EAST BARNET ROAD	Carriageway Resurfacing	EN4	East Barnet	Cat Hill to Longmore Avenue	In Progress
LYNDHURST AVENUE	Carriageway Resurfacing	NW7	Mill Hill	Bunns Lane to Deansbrook Road	Completed
MONTROSE AVENUE	Carriageway Resurfacing	NW9	Burnt Oak	Watling Avenue to Lanacre Avenue	Completed
PLANTAGENET ROAD	Carriageway Resurfacing	NEW BARNE T	High Barnet	Station Road to Cromer Road	Starting on 24th March
STONEFIELDS LANE	Carriageway Micro Surfacing	HA8	Hale	A41 Edgware Way to Ridgemont Gardens	Planned for April 2014
CROFT CLOSE	Carriageway Micro Surfacing	NW7	Hale	Whole Length	Planned for April 2014
HIGHVIEW AVENUE	Carriageway Micro Surfacing	HA8	Hale	Whole Length	Planned for April 2014
HIGHVIEW GARDENS	Carriageway Micro Surfacing	HA8	Hale	Whole Length	Planned for April 2014
HURSTWOOD ROAD	Carriageway Micro Surfacing	NW11	Golders Green	Whole Length	Planned for April 2014
THE RIDGEWAY	Carriageway Micro Surfacing	NW11	Childs Hill	The Vale to Basing Hill	Planned for April 2014
WOODCOTE AVENUE	Carriageway Micro Surfacing	NW7	Mill Hill	Whole Length	Planned for April 2014
PRINCES PARK AVENUE	Carriageway Resurfacing	NW11	Golders Green	Whole Length	Planned for April 2014

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**APPENDIX F**

**AREA ENVIRONMENT SUB COMMITTEE REPORT 2014-15  
PLANNED MAINTENANCE BUDGETS OF LAST 10 YEARS**

Area	2004/05 Spend (000's)	2005/06 Spend (000's)	2006/07 Spend (000's)	2007/08 Spend (000's)	2008/09 Spend (000's)	2009/10 Spend (000's)	2010/11 Spend (000's)	2011/12 Spend (000's)	2012/13 Spend (000's)	2013/14 Spend (000's)
Principal Road Resurfacing	£3,095	£1,217	£1,521	£558	£544	£968	£760	£653	£945	£1,391
Borough Road Resurfacing	£5,632	£3,486	£1,184	£2,652	£2,220	£2,186	£2,047	£2,000	£3,000	£2,000
Borough & Principal Road Footways	£1,862	£1,471	£1,624	£2,685	£2,781	£1,810	£1,592	£1,125	£3,500	£5,000
<b>Total</b>	<b>£10,589</b>	<b>£6,174</b>	<b>£4,329</b>	<b>£5,895</b>	<b>£5,545</b>	<b>£4,964</b>	<b>£4,399</b>	<b>£3,778</b>	<b>£7,445</b>	<b>£8,391</b>

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