

<b><u>MEETING</u></b> <b>ENVIRONMENT COMMITTEE</b>
<b><u>DATE AND TIME</u></b> <b>THURSDAY 29TH SEPTEMBER, 2016</b> <b>AT 7.00 PM</b>
<b><u>VENUE</u></b> <b>HENDON TOWN HALL, THE BURROUGHS, LONDON NW4 4BQ</b>

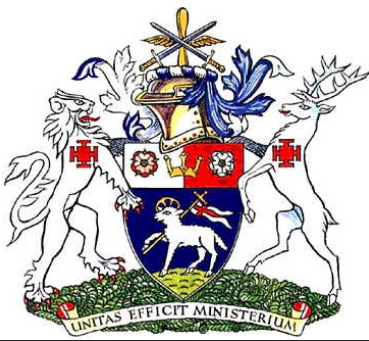
Dear Councillors,

Please find enclosed additional papers relating to the following items for the above mentioned meeting which were not available at the time of collation of the agenda.

Item No	Title of Report	Pages
1.	HIGHWAYS WORK - QUARTER 1 UPDATE	1 - 18

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## Environment Committee

29 September 2016

<b>Title</b>	<b>2016-17 Highway Network Recovery Planned Maintenance Programme, LIP and Section 106 Qtr 1 Update</b>
<b>Report of</b>	Commissioning Director for Environment
<b>Wards</b>	All
<b>Status</b>	Public
<b>Urgent</b>	No
<b>Key</b>	No
<b>Enclosures</b>	Appendix A: Q4 List of Planned Maintenance Schemes Appendix B: Q4 List of Section 106 Schemes Appendix C: Q4 List of LIP Schemes
<b>Officer Contact Details</b>	Jamie Blake, <a href="mailto:Jamie.blake@barnet.gov.uk">Jamie.blake@barnet.gov.uk</a>

### Summary

This report updates the Committee on progress during the first 3 months delivering the 2016-17 Network Recovery Plan (NRP) Highways Planned Maintenance work programme at a total investment of £10m. It also reports on progress on the Local Implementation Plan (LIP) and Section 106 schemes at the end of Quarter 1.

### Recommendations

1. That the Environment Committee notes the list of carriageway and footway planned maintenance schemes completed in the first quarter of the financial year, shown in Appendix A.
2. That the Environment Committee notes the list of Section 106 schemes completed in the first quarter of the financial year, shown in Appendix B.
3. That the Environment Committee notes the list of Local Implementation Plan (LIP) funded schemes completed in the first quarter of the financial year, shown in Appendix C.

## 1. WHY THIS REPORT IS NEEDED

- 1.1 This report is needed to provide members of the Committee with an update on the progress of the delivery of the 2016-2017 Network Recovery Plan Highway Planned Maintenance work programme along with progress on LIP and Section 106 schemes at the end of quarter 1. Appendix A shows the progress on the delivery of year 2 of the Highway Network Recovery Planned Maintenance schemes.
- 1.2 The 11<sup>th</sup> January 2016 Environment Committee report on the Highways Planned Maintenance Programme was presented by the Commissioning Director for Environment. The Committee agreed the list of roads for each treatment and the paragraphs below provide an update on the schemes completed during the first quarter of the year.
- (i) Principal Road Resurfacing Programme. A total of 5 schemes are in this year's programme with a budget of £1,319K funded from the 2016/17 LIP allocation for Principal Road Maintenance, the first of which commences in August Q2.
  - (ii) Network Recovery Road Resurfacing Programme comprises 42 carriageway schemes with a budget of £2,993k funded from Year 2 of the Network Recovery Plan, the first of which is due to commence in September Q2.
  - (iii) Network Recovery Micro Asphalt Programme. There are 23 micro asphalt schemes in this year's programme with a budget of £467k funded from Year 2 of the Network Recovery Plan, the first of which is due to commence in September Q2.
  - (iv) Network Recovery Surface Dressing Programme. There are no surface dressing schemes programmed for Year 2 of the Network Recovery Programme.
  - (v) Network Recovery Footway Relay Programme. This programme is ongoing throughout the year and those schemes commenced in Q4 of Year 1 were carried over and completed in Q1 of Year 2. There are 44 footway schemes in this year's programme with a budget of £4,537k of which 7 schemes are completed to date and a further 7 schemes well underway. All 44 schemes are programmed for completion this financial year.
  - (vi) Network Recovery Roadmarking Programme. Following refresh completion in Year 1 of all the zebra crossings and signalised crossings, Q1 of Year 2 has seen the continuation to refresh white roadmarkings on the principal and main road network throughout the borough with a budget allocation of £100k.
  - (vii) Network Recovery Structures and Bridges Programme. The 40 structures reviewed in Year 1 have been assessed and maintenance works programmed as part of the £820k budget allocation in Year 2. Further works will be programmed from the General and Principal Inspections (GI's & PI's) throughout the year.

- (viii) Network Recovery Drainage Programme. Ditch works in Lawrence Street and Wild Hatch have been completed in Q1 of Year 2 and following on from work undertaken in Year 1 a more detailed survey of Decoy Brook is being carried out to identify and recommend measures to reduce flooding as part of this year's budget of £250k. The rest of the Council's Critical Drainage Areas (CDA's) are being investigated to identify additional areas for similar studies.
- (ix) Network Recovery Programme for Other works. Other works include for a survey of all the Vehicle Restraint Systems (VRS) in the borough and condition assessments comprising Footway Management Survey (FMS) of footways and Coarse Visual Inspection (CVI) of carriageways throughout the borough as part of the £125k budget for Year 2. The results of the condition assessments will prioritise a list of schemes for consultation as part of the Year 3 programme.
- (x) Remedial works on Year 1 Network Recovery Programme. The majority of Year 1 remedial works have been completed in Q1 with the remainder due for completion in Q2. During the final sweep of both micro asphalt and surface dressing schemes a number of roads were identified as having scrubbing or scuff marks in places. Meetings have taken place with the LoHAC Contractor and their subcontractors to confirm that the cause is that of power steering of vehicles and whether both materials conform to the required specification. Independent testing of both materials has been carried out and the subcontractors are carrying out their own testing for comparison before any action is recommended. None of the defects have a safety implication and both the micro asphalt and surface dressing treatments have a 24 month defect period before acceptance.

1.3 Appendix B shows the progress on the following Section 106 schemes:-

- Aerodrome Road – zebra crossing works complete
- ETZ Chaim School – school keep clear, parking review, dropped kerbs and pedestrian refuge
- Wren Academy – zebra crossing, school keep clear and pedestrian refuge
- Archers Academy – zebra crossing
- Perryfield Way, West Hendon – zebra crossing
- Menorah Foundation – zebra crossing
- Monkfrith School – zebra Crossing

1.4 Appendix C shows the progress on the Local Implementation Plan (LIP) 2016-17 funded projects to the value of £3,413k.

## **2. REASONS FOR RECOMMENDATION**

2.1 The Environment Committee is requested to note progress of the 2016-2017 Network Recovery Plan Highway Planned Maintenance programme along with progress on LIP 2016 -17 and Section 106 schemes at the end of quarter 1.

### **3. ALTERNATIVE OPTIONS CONSIDERED AND NOT RECOMMENDATION**

This section does not apply to this report.

### **4. POST DECISION IMPLEMENTATION**

The agreed programme will continue to be implemented.

### **5. IMPLICATIONS OF DECISION**

#### **5.1 Corporate Priorities and Performance**

5.1.1 The proposed planned maintenance programme will contribute directly to two of the three Corporate Objectives by:

- Promoting responsible growth, development and success across the borough;
- Improving the satisfaction of residents and businesses within the London Borough of Barnet as a place to live, work and study.

5.1.2 The proposals here will particularly help to address the Corporate Plan delivery objectives of “a clean and attractive environment, with well-maintained roads and pavements, flowing traffic” and “a responsible approach to regeneration, with thousands of new homes built” by helping residents to feel confident moving around their local area on foot, and in a vehicle and contribute to reduced congestion.

5.1.3 The proposed planned maintenance programme will also contribute to the Council’s Health and Wellbeing Strategy by making Barnet a great place to live and enable the residents to keep well and independent. The individual proposals also help address road traffic casualties which will also have an impact on Health and Wellbeing.

5.1.4 The Highway network is the Council’s most valuable asset and is vital to the economic, social and environmental wellbeing of the Borough as well as the general image perception. They provide access for business and communities, as well as contribute to the area’s local character and the resident’s equality of life. Highways really do matter to people and often public opinion surveys continually highlight dissatisfaction with the condition of local roads and the way they are managed. Public pressure can often result in short term fixes such as potholes for example, rather than properly planned and implemented longer term solutions. The proposed 2016/17 Programme aims to stop short term repairs that provide poor value for money and often undermine the structural integrity of the asset.

#### **5.2 Resources (Finance & Value for Money, Procurement, Staffing, IT, Property, Sustainability)**

5.2.1 The £10m of the 2016/17 highways maintenance programme is being funded

as part of the overall £50 million of additional investment over 5 years.

5.2.2 The Network Recovery Plan planned maintenance programme as informed by the Operational Network Hierarchy will support optimum value for money from expenditure for LBB Highway Maintenance Managed Budgets.

- cost effective whole life costs (over 20 years) through maintenance treatments suited to the road/footway conditions, in particular instances of footway parking and vehicle overrun.
- cost effective use of preventative treatments that seal the surface and fill in early stage defects to prevent further reactive repairs at a later date.
- a positive transformation from costly and disruptive reactive maintenance 'patching' to planned maintenance
- reducing LBB financial risk of insurance claim incidences.

5.2.3 Core funding for the implementation of the LIP is provided by TfL through programmes of funding including a "Corridors, Neighbourhoods and Supporting Measures" programme for addressing a range of transport issues and funding for "Principal Roads". The Annual Spending Submission provides the means by which proposals are submitted and agreed by TfL. The approved allocation of £3,413k for "Corridors, Neighbourhoods and Supporting Measures" and £1,319k for "Principal Roads" was incorporated into the 2016/17 budget Policy and Resources Committee recommendations to Council and in agreement with TfL.

5.2.4 The S106 schemes identified in Appendix B are to the value of £132,000 and are within capital programme agreed in March 2015 by Full Council.

### 5.3 **Social Value**

The Public Services (Social Value) Act 2013 requires people who commission public services to think about how they can also secure wider social, economic and environmental benefits. This report does not relate to procurement of services contracts.

### 5.4 **Legal and Constitutional References**

5.4.1 Highway Maintenance is a statutory duty under the Highways and Traffic Management Acts.

5.4.2 The Traffic Management Act 2004 places obligations on authorities to ensure the expeditious movement of traffic on their road network. Authorities are required to make arrangements as they consider appropriate for planning and carrying out the action to be taken in performing the duty.

5.4.3 The Council's Constitution (Responsibly for Functions, Annex A) gives the Environment Committee certain responsibilities related to the street scene including pavements and all classes of roads, parking provision and enforcement, and transport and traffic management including agreement of the London Transport Strategy Local Implementation Plan.

## **5.5 Risk Management**

5.5.1 The Operational Network Hierarchy that is being used to formulate the Network Recovery Plan programme is a key element of the risk management approach.

## **5.6 Equalities and Diversity**

5.6.1 Street design should be inclusive, providing for all people regardless of age or ability. There is a general duty for public authorities to promote equality under the 2010 Equality Act. There is also a specific obligation for those who design, manage and maintain buildings and public spaces to ensure that disabled people play a full part in benefiting from, and shaping, an inclusive built environment.

Designers will be required to refer to Inclusive Mobility, The Principles of Inclusive Design and Guidance on the Use of Tactile Paving Surfaces (1999) in order to ensure that the designs are inclusive.

5.6.2 The 2010 Equality Act outlines the provisions of the Public Sector Equalities Duty which requires Public Bodies to have due regard to the need to:

1. eliminate unlawful discrimination, harassment and victimisation and other conduct prohibited by the Equality Act 2010
2. advance equality of opportunity between people from different groups
3. foster good relations between people from different groups

The broad purpose of this duty is to integrate considerations of equality into day to day business and keep them under review in decision making, the design of policies and the delivery of services. As part of the consultation development a separate stakeholder management plan is being developed to ensure that equalities issues are incorporated into the policy development, consultation and implementation.

## **5.7 Consultation and Engagement**

5.7.1 The Network Recovery Planned Maintenance programme is subject to suitable advanced and ongoing communications with local members and residents in roads or footways affected by the works.

5.7.2 The current planned maintenance programme is included on the LBB website.

5.7.3 Public Consultation is undertaken on individual schemes with the S106 and LIP programme on a scheme by scheme basis and details of the proposals are outlined on the council's website.

## **5.8 Insight**

5.8.1 This section of the report does not apply to this report.



## **6. BACKGROUND PAPERS**

- 6.1 Environment Committee 11 January 2016 Highways Planned Maintenance Programme 2016-17.
- 6.2 Environment Committee 15 July 2015, 10 November 2015, 11 January 2016 and 12 May 2016 Highway Network Recovery Planned Maintenance Programme and LIP and Section 106 2015-16 Qtr.1, Qtr 2, Qtr 3 and Qtr 4 Updates.

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# Environment Committee 29<sup>th</sup> September 2016:

## Appendix A – Highway Network Recovery Plan – List of Planned Maintenance Schemes 2016-17 Q1

<b>WORK COMPLETED Qtr 1: NETWORK RECOVERY FOOTWAY RELAY</b>
BAWTRY ROAD - Oakleigh
CHURCH HILL ROAD – East Barnet
CHURCH HILL ROAD – East Barnet
DERSINGHAM ROAD – Childs Hill
ORCHARD GATE – Colindale
FOOTPATH 101 – Hale
RODBOROUGH ROAD – Childs Hill

<b>WORK IN PROGRESS Qtr 1: NETWORK RECOVERY FOOTWAY RELAY</b>
MANOR WAY - Colindale
GRESHAM GARDENS – Childs Hill
HARMAN DRIVE – Childs Hill
WEST HEATH AVENUE – Childs Hill
WEST HEATH ROAD – Childs Hill
LICHFIELD ROAD – Childs Hill
HIGH ROAD N12 - Woodhouse

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# Environment Committee September 2016:

## Appendix B – Section 106 Schemes 2016-17 Q1

Qtr 4: SECTION 106 WORKS	
<p>BC000156-HTC S106 382 Aerodrome Road:-</p> <p>Installation of Zebra Crossing</p>	<p>Works on site completed.</p>
<p>BC-000186 ETZ Chaim School:-</p> <p>(1) Implementation of school keep clear (“SKC”) crossing markings, review of on-street parking on neighbouring roads and implementation of additional waiting restrictions that may include the extension of existing controlled parking zone (“CPZ”) together with making or amending the associated existing traffic orders; and</p> <p>(2) Implementation of dropped kerbs and alterations to the existing refuge at the junction of Daws Lane and Wise Lane.</p>	<p>Three options have been designed at the feasibility stage and a report is currently being prepared on these options including costings.</p> <p>Implementation will be dependent on additional funding.</p> <p>RSA Stage 1 carried out and on site visit with Street Lighting Department and TfL agreement for relocation of bus stop and removal of the shelter.</p> <p>Residents Consultation on going (close on 19/09/16). Two responses received so far against our proposal.</p>
<p>BC000662 S106 Wren Academy:-</p> <p>(1) the introduction of a zebra crossing on Woodhouse Road east of the junction with Crescent Way;</p> <p>(2) the introduction of a pedestrian refuge island on Woodhouse Road west of Hilton Avenue and enhancements to existing pedestrian crossing points on Hilton Avenue;</p> <p>(3) the provision of a right turning lane into the new entrance for the Wren Academy School;</p> <p>(4) the provision of school keep clear markings on the northern side of Woodhouse Road outside the new entrance to the Wren Academy and on Woodhouse Road at the junction with the eastern side of Hilton Avenue;</p> <p>(5) the provision of ‘At any time’ (double yellow lines) waiting restrictions on the northern side of Woodhouse Road west of the junction with Hilton Avenue;</p> <p>(6) the provision of ‘At any time’ (double yellow lines) waiting restrictions on the southern side of Woodhouse Road opposite its junction with Hilton Avenue.</p> <p>(7) Improvements to bus stop accessibility at the westbound bus stop on Woodhouse Road, east of the junction with Crescent Way, which includes raising the kerb height and installing</p>	<p>The date of the initial 6 month period will be complete at end of April 2106. Any comments received during the experimental period will be reviewed to see if the scheme will be removed, amended or made permanent.</p> <p>Positive Feedback from the school in regard the well operation of pedestrian facilities implemented.</p>

<p>bus stop cage and clearway markings.</p>	
<p>BC000663 S106 Archers Academy:-</p> <ol style="list-style-type: none"> <li>(1) The requirement for improved crossing facilities for Archer School was based on the fact that the School will eventually be based on 2 sites with students and staff transferring between them. Alternatives across East End Road.</li> <li>(2) Installations of bollards on the existing pedestrian bridge on Stanley Road.</li> </ol>	<p>Options Study has proposed zebra crossing facilities in two different areas. A Road Safety Audit (RSA) Stage 1 has been carried out.</p> <p>The Options Study has been sent to the school and ward councillors for consideration. Currently awaiting a response from the school.</p> <p>Implementation is programmed by September 2016 for the crossing facilities.</p> <p>A public consultation on the proposals was carried out and consultation material was distributed to 356 properties in 3 different areas (Eagans Close Area; Market Place Area and Stanley Road Area).</p> <p>In response to statutory consultation no representation were received for the location close to Market Place and for this reason the client decided to commence works at this area. Works substantially completed (Minor outstanding works).</p> <p>In regards the area sited close to Stanley Road some comments and objections were received in relation with the installation/time/term for the School Keep Clears, relocation of the bus stop, installation of double yellow lines and the removal of the existing uncontrolled crossing. TfL objection to re-located bus stop in Stanley Rd. Meeting required with all partys on site to agree solution. Re consultation likely to be required. Program delayed</p>
<p>BC000714 S106 West Hendon - Perryfield Way:- Installation of Zebra Crossing</p>	<p>The location of the zebra has been re-designed due to the alignment of the access road to the development being amended and being in conflict with the original location of the Zebra. Subject to the required approvals the zebra will be implemented in Summer 2016.</p> <p>Works completed in June 2016.</p> <p>Enquire in regards VAS; Contactor has agreed to change the sign setting so VAS sign will now be triggered at a lower speed.</p> <p>Bouygues to complete outstanding sing post (unable to access site due to gas works).</p>

<p>BC000664 S106 Menorah Foundation:</p> <p>(1) Implementation of School Keep Clear (SKC) markings on Orange Hill Road fronting the proposed new development and access and waiting restrictions on roads in the vicinity of the development (including preparation of a Traffic Management Order) to facilitate the proposed school expansion; and</p> <p>(2) pedestrian crossing facility across Orange Hill Road.</p>	<p>Detail design and the Road Safety Audit (Stage 1/2) report are completed. However, concerns have been raised by the school regarding the loss of parking on-street in the vicinity of the School that will result due to the location of the proposed crossing. Further discussions are required before the crossing can be progressed.</p> <p>School Objection to the proposed Zebra Crossing that is a requirement of the S106 – (Client Discussions required). On hold until objection solved. To set a meeting with Re, LBB, School and Ward Cllrs in order to resolve the inconveniences.</p>
<p><b>S106 Monkfrith School</b></p> <ul style="list-style-type: none"> <li>• Provision of a Zebra Crossing including £5,000 for the feasibility to facilitate the pedestrian crossing for the increase in number of pupils walking to the school.</li> <li>• Provision of waiting restrictions to mitigate adverse impact on roads in the vicinity of the school as a result of vehicles parking injudiciously, causing obstruction and affecting highway and pedestrian safety.</li> </ul>	<p>Initial meeting undertaken and feasibility to commence in April 2016.</p> <p>Feasibility design on going.</p>

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## Environment Committee 29<sup>th</sup> September 2016:

### Appendix C - LIP Corridors Neighbourhoods & Supporting Measures Schemes 2016-17 Q1

Corridors Neighbourhoods & supporting Measures Schemes	LIP Funding 16/17 (£k)	Progress to end June 2016
Electric Vehicle Charging Points	50	No progress. Work restricted Traffic Orders associated with Source London/Bluepoint proposals.
Cycle training	100	Training on- going throughout the year
Parking reviews	100	2 No. Completed 1 No. review on-going 4 No. to July Committee 2 No. to September Committee
Disabled parking provision	100	On-going as requested on ad –hoc basis throughout the year * completed during this quarter.
20mph Limit/Zone Implementation	200	Scope of works identified for 7 schemes design programmed to commence 2 <sup>nd</sup> quarter
Implement outcomes of cycle route signage review	25	Locations identified and work commenced
Traffic management and accident reduction	500	A5/Edgware Road – review of initial option design Woodside Park Road/Gainsborough Road. Options report completed Silkstream (various sites) On site Wykeham Rd: civil works completed. Devonshire Rd civil works completed Victoria Rd (EN4). Civil works completed
Cycle routes	400	On road routes between Hendon and Dollis Valley Review undertaken and signage upgraded
Cycle parking	20	Identification of potential locations commenced
School Travel schemes, Various locations borough wide	500	The Avenue Report to June Area Committee Walksafe N14 (Chase Way / Cecil Rd) partially complete. Objection to crossing location to be resolved. Walksafe N14 (Hampden Way) June Area Committee Queenswell School Completed All Saints Civil works completed. Goldbeaters Primary School. on site 90% completed ETZ Chaim (Mill Hill).RSA undertaken. Consultation due September following summer recess.

Local Access and Accessibility Improvements	100	Works yet to be agreed.
Town Centre proposals - Town centre de-cluttering	50	Proposal reports for 6 No sites produced
Town Centre proposals - Chipping Barnet.	100	A1000 banned turn scheme developed. Trial to commence 2 <sup>nd</sup> Quarter.
Town Centre proposal Finchley Central junction and station approach improvements	100	Popes Drive study completed. Meeting with TfL to discuss bus stop locations.
Development of proposals/TfL liaison/Monitoring etc	50	On-going discussions and meetings with TfL.
Bus stop accessibility improvements (boroughwide)	50	14 No under consultation 7 No issued for implementation 34 locations completed
Travel Planning resources	400	On-going engagement with schools. 97 schools to receive 2016 Star awards in 2 <sup>nd</sup> Quarter
Road safety Education, Training and Publicity	200	School road safety program provided to schools and bookings taken
Cycling/walking promotion	25	"Bike It" personnel in place and actively engaging with schools.
Support for cycling	33	Ongoing
Borough transport modelling	100	Modelling commenced for 5 areas
CPC Safer Urban Driver Training	1	To be used by DLO for driver training
North Finchley	60	"Tally Ho" junction scheme developed for outline design.
Options appraisal A5/Watling Ave	60	Works yet to commence on design
Chipping Barnet - High Street	60	Options developed for reporting at July CB Area Committee.
New Southgate (Crossrail 2)	9	On hold

Review of lorry restrictions across the borough	20	Brunswick Park Avenue/Road (Brunswick Park) Review commenced with design to correct existing signing
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