



Highways Committee 12 March 2013

Report from Head of Transportation

For Information

Wards Affected:
ALL

Transportation Capital Schemes Programme 2013-14

1.0 SUMMARY

- 1.1 This report is for information only. It advises members of the Highway Committee of the decision of the Executive Committee on 11th February to approve the 2013-14 Capital schemes programme.
- 1.2 The report to the Executive asked members to approve £3.5 million of Brent capital to maintain and improve the highway network, subject to the approval of the Budget and Council Tax report on 11 February 2013 and full Council approval on 25 February 2013.
- 1.3 The Executive report sets out how Brent's £3.5 million capital budget should be allocated through a prioritised programme of:
- Major and minor pavement upgrades;
 - Road resurfacing; and
 - Improvements to the public realm.
- 1.4 In 2013-14 over £10.2 million of capital funding will be spent improving Brent's roads, footways and transport infrastructure. This is a 36% increase and will be funded by Brent Council, Transport for London (TfL) and Section 106 funds from developers.
- 1.5 Of the total £10.2 million investment, £5.1 million has been allocated to Brent by TfL to support Brent's Local Implementation Plan (LIP) with a further £724,000 for Principal (A) roads. Details of the Principal (A) road programme are provided in this report.
- 1.6 The report to the Highways Committee on 7th February 2013 titled; Capital Programme, Local Implementation Plan – TfL Allocation detailed this £5.871

million programme and instructed the Head of Transportation to implement these schemes and initiatives using the allocated budget and resources..

- 1.7 The Highways Committee on 7th February also authorised the Head of Transportation to undertake any necessary non-statutory and statutory consultation, to consider any objections or representations and to implement the necessary Traffic Management Orders if there are no objections or representations, or if the Head Transportation considers the objections or representations are groundless or insignificant and otherwise to refer objections or representations to the Committee for further consideration

2.0 RECOMMENDATIONS

- 2.1 That the Highways Committee note that the Executive have approved the Brent funded highways capital programme for 2013/14 of £3.5 million as listed in Appendices 2 to 4 and summarised as follows:

	% of Brent capital Budget	Amount (£ 000's)
Footways		
Major footway improvements (long sections)	44%	1,525
Footway improvements (short sections)	4%	150
Public realm improvements	3%	125
Sub-total	51%	1,800
Carriageways		
Resurfacing of unclassified roads	38%	1,300
Resurfacing of B & C Class roads	4%	150
Resurfacing of short sections	4%	150
Sub-total	46%	1,600
Contingencies for TfL schemes	3%	100
Total	100%	3,500

3.0 DETAIL

3.1 Highway Improvements in 2012-13

- 3.1.1 Our focus is to improve and maintain the roads, footways and transportation network to enhance the environment and improve the safety of Brent residents, and those passing through the Borough.
- 3.1.2 By 31 March 2013, roughly £7.5 Million (funded by Brent, TfL and S106) will have been spent on improving Brent's transport infrastructure, including 7 miles of road resurfacing, 4 miles of footway resurfacing and associated improvements, and over 20 major improvement schemes will have been be delivered.
- 3.1.3 Appendix 1 lists major footway upgrades and road resurfacing works carried out in the borough during 2012/13.

3.2 Improving the condition of Brent's roads in 2013-14

Highways Committee 12 March 2013	Version 1.0 9 February 2013
-------------------------------------	--------------------------------

3.2.1 Brent's roads are one of its most important physical assets. The table below sets out their condition by indicating the percentage of each length of road type where maintenance should be considered.

Year	% of roads where maintenance should be considered		
	A class roads	B and C class roads	Unclassified roads
2008/2009	8%	9%	23%
2009/2010	11%	9%	23%
2010/2011	9%	7%	27%
2011/2012	9%	6%	26%

3.2.2 The outcomes show that attention needs to be paid to unclassified roads, which make up 80% of all borough roads. Maintenance requirements are prioritised from the results of an independent network condition survey with input from experienced local engineering staff whom assess a wide range of factors including:

- Information received over the year from Councillors, MPs, residents, road users and other stakeholders;
- Levels and locations of accident claims (e.g. Claims for trip hazards);
- Structural integrity of the road or footway and the associated safety implications;
- Amount of pedestrian and vehicular usage; and
- Proximity to schools.

3.2.4 It is recommended that £1.3 million (37%) is allocated to improve the condition of the unclassified network, which will deliver approximately 6 miles of improvements to unclassified roads during 2013-14. This is an 18% increase in last year's budget allocation. Appendix 2 contains details of streets which have been selected as a result of the above assessment process.

3.2.5 To improve the condition of Brent's A Roads, TfL has allocated £724k, which is prioritised on the basis of a London-wide condition survey. Specific improvement schemes that have been prioritised for the A (principal) road network are set out in Appendix 2.

3.2.6 A network condition survey undertaken during 2012 has been used to identify sections of the B and C road network requiring improvement. Given the currently stable condition of the B and C road network it is recommended that £150k (4%) of the total budget is allocated for improvements. Members should note that additional sites may be identified from the results of a further condition survey due in January 2013.

3.2.8 There are short sections of road on the Borough's road network that have deteriorated over the course of the year, and are therefore in need of resurfacing. These are often lengths of 50 metres or less. These areas can cost a significant amount of over a long period of time due to the need to carry out periodic maintenance repairs to potholes. It is therefore proposed to invest £150k (4%) of this year's overall budget to resurface shorter sections of road throughout the Borough where there are on-going maintenance requirements identified by highway safety inspectors.

3.3 Improving the condition of Brent's footways in 2013-14

3.3.1 Brent's footways are key to our residents and businesses. The table below sets out the condition of the busiest footways in the borough (prestige areas in town centres and busy urban shopping areas). High usage footways form approximately 10% of the network.

Year	% of the high usage footways where maintenance should be considered
2008/2009	20%
2009/2010	17%
2010/2011	27%
2011/2012	12%

3.3.2 The condition of this network improved considerably during 2011/12 through the introduction of a more frequent inspection regime and delivery of an extensive programme of improvements.

3.3.3 However, there has been a notable increase in requests for footway repairs and responsive maintenance during the current financial year. It is therefore recommended that £1.525 million, approximately 44% of this year's overall budget, be assigned to improving the condition of footways in the Borough. This is an increase of approximately 25% over last year's budget allocation. Appendix 1 contains details of the footways which have been selected for improvement as a result of this process.

3.3.5 Similarly to the issues with short sections of road that are in poor condition, these lengths of footway can cost a significant amount of over a long period of time due to the need to carry out periodic maintenance. Investment in resurfacing will, over time, reduce the need for revenue investment to make repairs, enabling us to deliver more repairs on the remainder of the network. It is therefore proposed to invest £150k (4%) of this year's overall budget to resurface short sections of footway that need strengthening or upgrading using more durable materials.

3.3.6 Appendix 6 is a key to the abbreviations used for borough wards in appendices 1-4. The plan in Appendix 7 illustrates the location of proposed maintenance works during 2013-14.

3.4 Reducing the risk of flooding in Brent

3.4.1 There are approximately 24,500 road gullies in the borough. These will all be cleaned as part of a cyclic maintenance programme procured through the new London Highways Alliance Contract (LoHAC). The cleaning cycle will include:

- 3,300 high-priority (regularly blocking) gullies cleaned every six months;
- 1,300 medium-priority gullies cleaned each year; and
- 14,100 gullies cleaned every eighteen months as part of a rolling programme.

3.4.2 There are occasions where cleaning will not resolve surface water flooding problems and gullies and drainage pipes will require replacement.

- 3.4.3 For 2013-14 DEFRA has allocated Brent £216,000 revenue funding, which will be used to deliver drainage improvements in the borough. This drainage programme includes:
- The installation of land drainage at following locations:
 - John Billam Sport Ground, Woodcock Hill
 - Silver Jubilee Park, The Mall
 - Vale Farm
 - Northwick Park
 - Replacement of the highway drainage system to prevent flooding outside 10 to 22 Woodcock Hill, Kenton;
 - Install new or repair existing gullies at over 80 locations in the borough; and
 - Inspect and clear watercourses at;
 - Tramway Ditch, Stag Lane, NW 9
 - Northwick Park, Kenton
 - London Road Ditch
 - Park View ditch, Wembley
 - Dors Close ditch, Birchen Grove
 - Fryent Way ditch

3.5 **Public Realm**

- 3.5.1 The Public Realm programme involves three key areas of highways capital programme investment:
- A. Works to strengthen footways and soft verges;
 - B. Works to improve areas of “marginal” land that are part of the public highway but are not footways, verges or carriageways; and
 - C. Works to maintain, upgrade, rationalise or replace directional and regulatory highway signs.

- 3.5.2 It is therefore proposed to allocate £125,000 (3%) of the 2013/14 capital budget to these areas of work.

3.6 **Improving Brent’s bridges and structures**

- 3.6.1 The Council are responsible for 53 highway structures, including 38 bridges and; 15 culverts. The majority of bridges are small structures spanning brooks. Funding for bridge maintenance is allocated by Transport for London on a regional priority basis. The London Bridge Engineering Group is currently reviewing the pan-London programme and funding will be confirmed in February 2013. Appendix 4 includes information on the boroughs higher priority schemes, but there are higher priority schemes elsewhere in London.

- 3.6.2 Although funding has not been confirmed, it is likely that an allocation of £150,000 will be made by TfL for strengthening the two bridges on Twyford Way.

3.7 **Improving Brent’s Transport Infrastructure**

- 3.7.1 The Council have been allocated £5.1 million Local Implementation Plan (LIP) funding from TfL in 2013-14 for supporting transport infrastructure improvements, sustainability and road safety education. This is an increase of 26% from the

£4.084 million allocation for 2012-13. The report to Highways Committee on 7 February provided details of the agreed funding allocations.

- 3.7.2 Through the LIP programme it is proposed to deliver four major schemes during 2013-14, including;
- Harlesden Town Centre Improvement Scheme;
 - Engineers Way Public Realm and Accessibility;
 - Chevening Road Area 20MPH Zone; and
 - A5 Corridor (Kilburn High Road) Improvements.

3.8 Minimising Disruption

- 3.8.1 Regular meetings are held with companies that carry out work on the highway to combine programmes and plan to minimise congestion. These consultation meetings are held to ensure that schemes that have been prioritised do not conflict with planned developments, regeneration schemes or utility works. However, where unplanned works commence during the year, it may be necessary to defer one or more schemes. Where this is the case, the next prioritised reserve scheme will take the place of the deferred scheme, which will then become a priority for the next financial year. Schemes that are not completed within 2013/14 will be included in the following years highways major works programme.

3.9 New Contract arrangements for delivering schemes in Brent

- 3.9.1 The Executive of 10 December 2012 approved the award of the London Highways Alliance Contract (LoHAC) to Conway AECOM as the Councils method for the delivery of highways services and improvement schemes from 1 April 2013.
- 3.9.2 This collaborative contract was procured by TfL in partnership with the London Boroughs included the development of a common specification enabling authorities to adopt best practice and a collaborative approach encouraging innovation and efficiencies to optimise value for money.
- 3.9.3 Inflationary contract price increases will be based on the 'Price Adjustment Formulae Indices(Highways Maintenance) 2010', developed by the Highways Term Maintenance Association (htma), the Civil Engineering Contractors' Association and the BCIS. This index incorporates 21 different indices all of which have an effect on the cost of delivering a highways maintenance contract and this ensures that the contract rates track closely to delivery costs.
- 3.9.4 The LoHAC frameworks contain a price adjustment clause which will be applied annually. The percentage uplift / reduction to be applied to the contract price list will be calculated based on the change in work category index over the previous twelve months as an annual average to mitigate the effect of anomalies. The increase is due after the first year of the contract and will not impact on the programme.
- 3.9.5 We do not anticipate any resource implications in delivering the 2013/14 highways major work programme.

4.0 FINANCIAL IMPLICATIONS

4.1 The table below summarises the capital funding available for highways and transport infrastructure improvements available for 2013-14. Overall capital investment in Brent's transportation infrastructure has increased by 20% above 2012-13.

	% of capital Budget	Amount (£ 000's)
BRENT CAPITAL		
Footways		
Major footway upgrade	44	1,525
Footway upgrades – short sections	4	150
Improvements to the public realm	3	125
Sub-total	51	1,800
Carriageways		
Major resurfacing of borough roads	37	1,300
Major resurfacing of B&C roads	4	150
Road resurfacing – short sections	4	150
Sub-total	46	1,600
Contingencies for TfL schemes	3	100
SUB-TOTAL BRENT CAPITAL	100	3,500
TfL FUNDING		
A roads	11	724
LIP schemes and measures	77	5,147
S106 (est.)	12	800
SUB-TOTAL OTHER CAPITAL	100	6,671
TOTAL CAPITAL FUNDING		10,171

5.0 LEGAL IMPLICATIONS

5.1 There are no legal implications resulting from this report.

6.0 DIVERSITY IMPLICATIONS

6.1 There are no equalities or diversity implications resulting from this report.

6.2 Members are reminded that design criteria used in all highway work consider the special requirements of various disabilities. The highway standards employed are nationally recognised by such bodies as the Department for Transport. This programme of works continues the upgrade of disabled crossing facilities at junctions which were not constructed to modern day standards. All new junctions are designed to be compliant at the time of construction. It should also be noted that strengthened areas of footway are far less susceptible to damage and will therefore aid the movement of pedestrians that may find it difficult to walk on uneven pavements.

7.0 STAFFING / ACCOMMODATION IMPLICATIONS

7.1 There are no staffing or accommodation implications from this report.

8.0 BACKGROUND INFORMATION

None.

Paul Chandler
Head of Transportation

Appendix 1 Road and footway improvements completed in 2012-13

Appendix 2 Road improvements for 2013-14

Appendix 3 Footway improvements for 2013-14

Appendix 4 Potential Bridge improvements for 2013-14

Appendix 5 – Plan illustrating location of maintenance schemes 2013-14

APPENDIX 1 Improvements completed in 2012-13

Major road improvements completed in 2012/13

Road Name	Ward	Length metres
Heber Road	MAP	205
Walton Close	DOL	80
Ashcombe Park	DNL	260
Normanby Road	DNL	210
Wrottesley Road	KGN	660
Dawlish Road	MAP	130
Winchester Avenue	QBY	650
Chevening Road (St.Laurences Close to Brondesbury Park)	QPK	520
Rainham Road	QPK	205
Birchen Grove (Blackbird Hill to Runbury Circle)	WHP	485
Lonsdale Avenue (Beatrice Avenue to Cecil Avenue)	WEM	315
Scarle Road	WEM	490
Beaconsfield Road	WLG	165
Chapter Road (244 to Park Avenue)	WLG	705
Kingsmead Avenue	WHP	285
St.Michaels Road	MAP	195
Swinton Close	BAR	55
Peter Avenue	BPK	455
Granville Road	KIL	340
Woodcock Hill (Preston Road to Draycott Avenue)	KEN	530
Harlesden Gardens (St.Johns Avenue to Crownhill Road)	HAR	225
Priory Park Road	SUD	90
Woodgrange Avenue	KEN	435
Stanley Park Drive	ALP	205
Peploe Road	QPK	300
St.Andrews Road	WLG	145
Total length		8.34km (5 miles)

Classified road improvements completed in 2012/13

B& C Roads		
Road Name	Ward	Length metres
Abbey Road (Commercial Way to Ealing boundary)	STN	310
Great Central Way (Yeats Close to NCR underpass)	STN	330
	Total length	0.64km (0.4 miles)

Principal A Roads

Road Name	Ward	Length metres
A4089 Ealing Road(Glacier Way to Bridgewater Road)	ALP	350
A404 Harrow Road (Roundtree Road to Rugby Avenue)	SUD	480
A407 Walm lane (from Station Parade to High Road Willesden)	WLG/MAP	440
A404 Harrow Road (from Jesmond Avenue to Flamstead Avenue)	WEM/TOK	220
A404 Harrow Road (from Victoria Avenue to Monks Park)	TOK	320
A4005 Bridgewater Road (from Whitton Avenue to Nos 146)	ALP	440
A404 Watford Road by Northwick park hospital	NPK	280
A407 High Road Willesden (Dudden Hill lane to Huddlestone Road)	WLG	750
A4088 Dudden Hill Lane (Clifford Way to Lennox Gardens)	DNL	340
	Total length	3.62km (2.2 miles)

Major footway improvements completed in 2012/13

Road Name	Ward	Length metres
Sudbury Court Road (Elms Lane to Sudbury Court Drive)	NPK	1030
Regal Way (Preston Road to Westward Way)	KEN	880
Parkside	DOL	620
Coniston Gardens	FRY	630
Elms Park Avenue	SUD	460
Princes Avenue (North Way to Stag Lane)	QBY	1000
Tatum Road	STN	190
Brondesbury Road (Donaldson Road to Hazelmere Road)	KIL	370
Montpelier Road	PRE	810
Chambers lane (Dobree Avenue To Sidmouth Road)	BPK	310
Attewood Avenue	WHP	460
	Total length	6.76km (4 miles)

Appendix 2 Road improvements planned for 2013-14

Funded by Brent Capital Budget in 2013-14

	Total	Ward
*Napier Road	£24k	KGN
*Grove Way	£28k	TOK
*The Grove	£37k	FRY
*Kingsley Road	£28k	KIL
*Scudamore Lane	£16k	QBY
*Shelly Gardens	£23k	NPK
*Longfield Avenue	£25k	PRE
*Bruce Road	£36k	STN
*Lewis Crescent	£21k	STN
*Brook Road (NCR to Crest Road)	£78k	DOL
*Bowrons Avenue	£66k	WEM
Carlyon Road	£38k	ALP
Preston Hill	£139k	BAR/KEN
College Road	£62k	BPK
Blenheim Gardens	£91k	MAP
Alderton Close	£25k	WHP
Charterhouse Avenue	£85k	SUD
Abercorn Gardens	£20k	KEN
Chevening Road (Chamberlayne Road to Keslake Road)	£91k	QPK
Dryburgh Gardens	£40k	QBY
Avenue Road	£25k	KGN
Belton Road	£46k	WLG
Harlesden Gardens (Crownhill Road to Park Parade)	£42K	HAR
Cairnfield Avenue	£116k	DLN
Thirlmere Gardens	£98k	PRE
	Total	
	£1300k	
Reserve Schemes		
Mount Road	£36k	DOL
Cranhurst Road	£52k	ALP
Dorothy Avenue	£56k	MAP
Bowater Close	£12k	FRY
Oakleigh Court	£17k	QBY
Pebworth Road	£74k	NPK
Kenmere Gardens	£31k	ALP
Sandhurst Road	£113k	QBY
Holycroft Avenue	£21k	PRE
CARRIAGEWAY SURFACING NON-PRINCIPAL CLASSIFIED (B&C) ROADS PROGRAMME 2013/14		
Brondesbury Park (High Road to Sidmouth Road)	£68k	BPK
Further sites to be prioritised based on survey results in January 2013.		

* Reserve scheme from 20012/13 programme

A-Road improvements to be funded by TfL in 2013-14

Road Name	Total	Ward
A404 Harrow Road (Furness Road – Scrubs Lane)	96k	KGN
A4006 Kingsbury Road (Valley Drive to -Roe Green)	286k	FRY
A4006 Kenton Road (Gayton Road – Hawthorn Road)	288k	KEN
A4088 East Lane (Peel Road – Pembroke Road)	54k	PRE
	Total	£724k

All the above schemes identified by the results of a London-wide SCANNER survey and to be funded by TfL

All schemes are subject to co-ordination with internal and external agencies.

APPENDIX 3

Footway improvements to be funded by Brent Capital Budget in 2013-14

Road Name	Total	Ward
*Kempe Road	£168k	QPK
*Lea Gardens	£59k	TOK
*Cecil Avenue	£117k	WEM
*Northwick Avenue	£208k	NPK
*Greenhill Park	£78k	HAR
Alverstone Road	£161k	BAR
Chatsworth Road (Mapesbury Avenue to Christchurch Avenue)	£152k	BPK
Denzil Road	£127k	DNL
Verney Street	£123k	WHP
Sherrick Green Road	£228k	DNL
Beaumont Avenue	£104k	SUD
Total	£1525k	
Reserve Schemes		
(Dependent on sufficient funding be available following completion of schemes of a higher priority).		
Garden Way	£137k	STN
Donnington Road	£201k	KEN
Chapter Road (Balmoral to Deacon Road)	£217k	WLG
Elmstead Avenue (Preston Road to Princess Avenue)	£117k	PRE
Springfield Mount	£129k	FRY
Odessa Road	£66k	KGN
Hampton Rise	£32k	KEN
Cedar Road	£98k	MAP
Dalmeny Close	£44k	SUD
Thurlby Road	£126k	WEM

* reserve scheme from 2012/13 programme

All schemes subject to co-ordination with internal and external agencies.

APPENDIX 4 Potential bridge schemes for 2013-14

Bridge Assessment & Strengthening Programme Bid (Funding to be confirmed February 2013)		Value
LoBEG Chair and Sector Leader Admin	Administrative costs	£30,000
Ledway Drive - B67	Assessment	£8,000
Northview Crescent C02	Assessment	£8,000
Allendale Road B33	Strengthening	£40,000
Mead Platt C09	Strengthening	£95,000
North End Road - B62	Strengthening	£30,000
The Rise- B06	Strengthening	£40,000
Twybridge Way (1) B49	Strengthening	£75,000
Twybridge Way (2) B50	Strengthening	£75,000
	Total Bid	£401,000