

Cycling Strategy for Harrow 2015-2018

Appendices



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APPENDIX A Existing Cycling Infrastructure Map

NOTES:

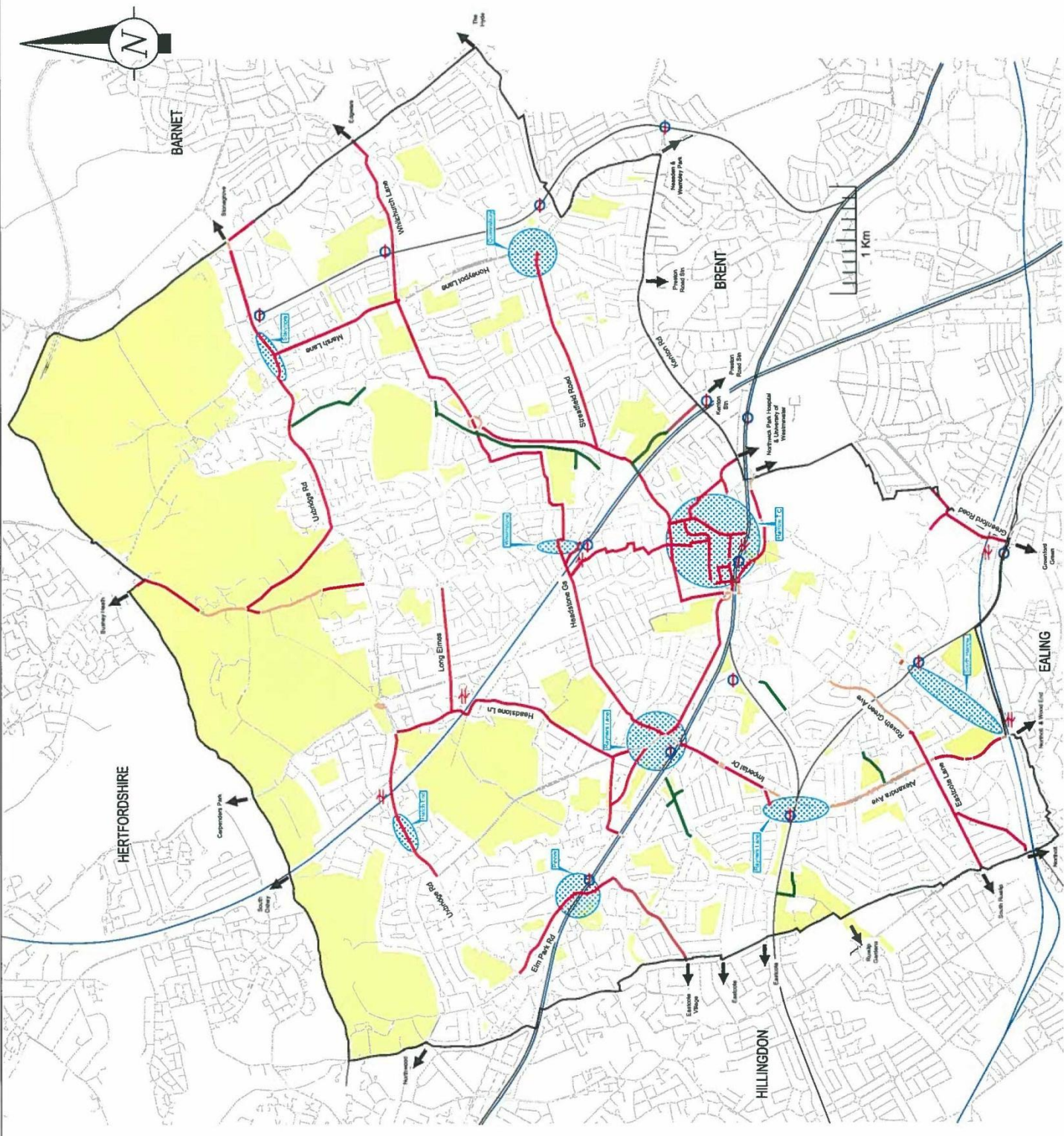
- COMPLETED INFRASTRUCTURE**
- 40.68 Km On Road Cycle Routes
- 4.76 Km Off Road Cycle Routes
- 6.47 Km Greenway Cycle Routes
- Shopping Centres



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Designation Details of Revision Date Sign

Project
CYCLE NETWORK IN HARROW

Title
EXISTING CYCLE INFRASTRUCTURE

Scale Drawn SAF Checked
 N.T.S Date 17-02-2015

Drawing no LBH/TM
 Autocad file

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APPENDIX B Existing Cycle Parking Map

NOTES:

EXISTING CYCLE RACKS

- Cycle Racks Close to Stations
- Cycle Racks Close to Shops
- Cycle Racks At Key Locations
- Shopping Centres

CYCLE RACKS TO BE IMPLEMENTED 2014-15

- Cycle Racks Close to Stations
- Cycle Racks Close to Shops
- Cycle Racks At Key Locations

CYCLE ROUTES

- On Road
- Greenways
- Off Road
- Quietways

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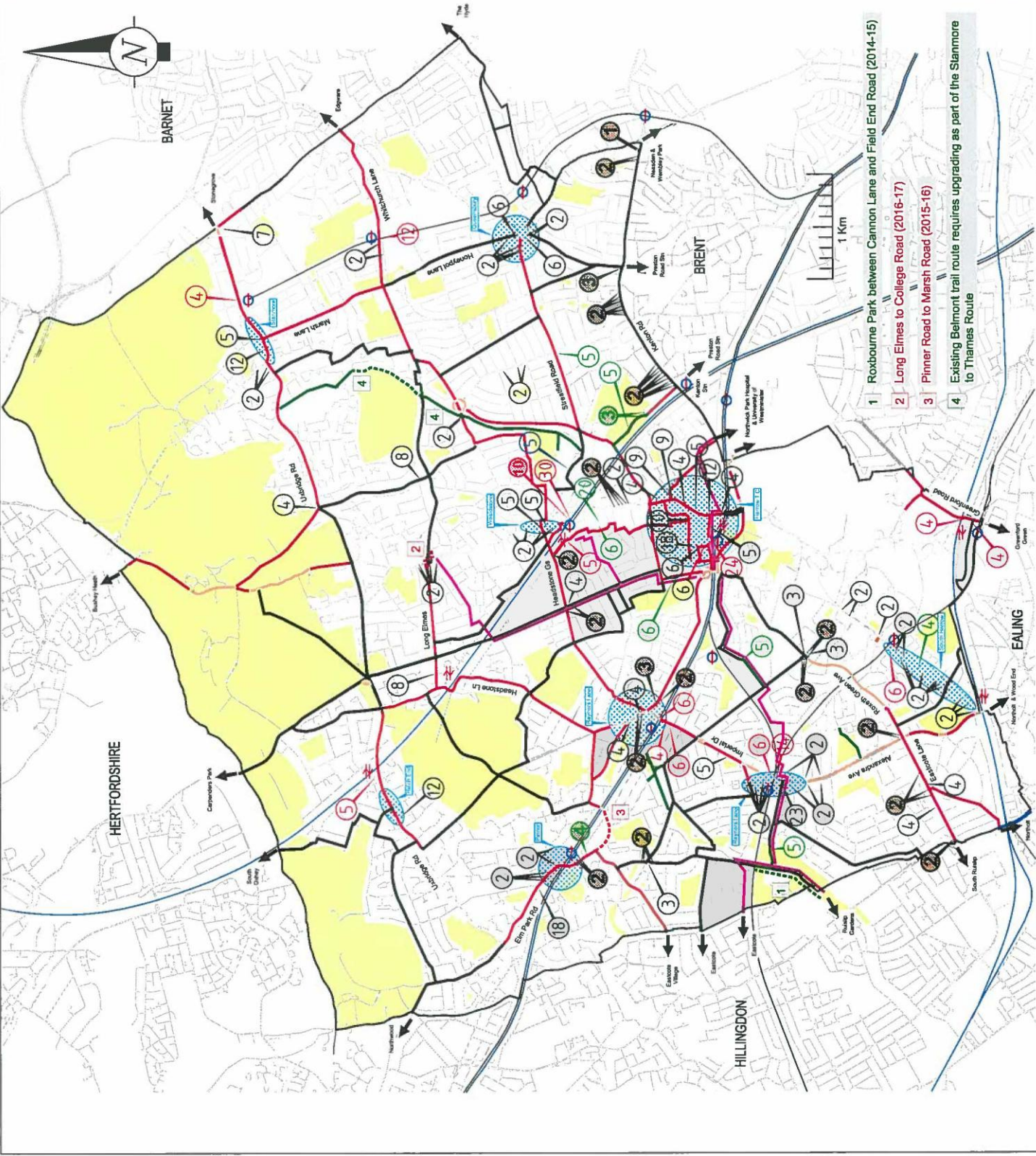
CYCLE NETWORK IN HARROW

CYCLE PARKING LOCATION MAP

Scale	Drawn	SAF	Checked
N.T.S	Date	17-02-2015	

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 LBH/TM
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**APPENDIX C Aspirational Cycling Infrastructure Map (Aspirational Quietways
in Appendix D)**

NOTES:

COMPLETED INFRASTRUCTURE

- 40.88 Km On Road Cycle Routes
- 4.76 Km Off Road Cycle Routes
- 6.47 Km Greenway Cycle Routes

PROPOSED INFRASTRUCTURE

- 0.71 Km Proposed Greenway Cycle Routes (2014-15)
- 0.70 Km Proposed On Road Cycle Routes (2015-17)
- 45.54 Km Aspirational Cycle Links (Forward Plan)
- 10.45 Km Proposed Quietways Route (subject to TLA approval)

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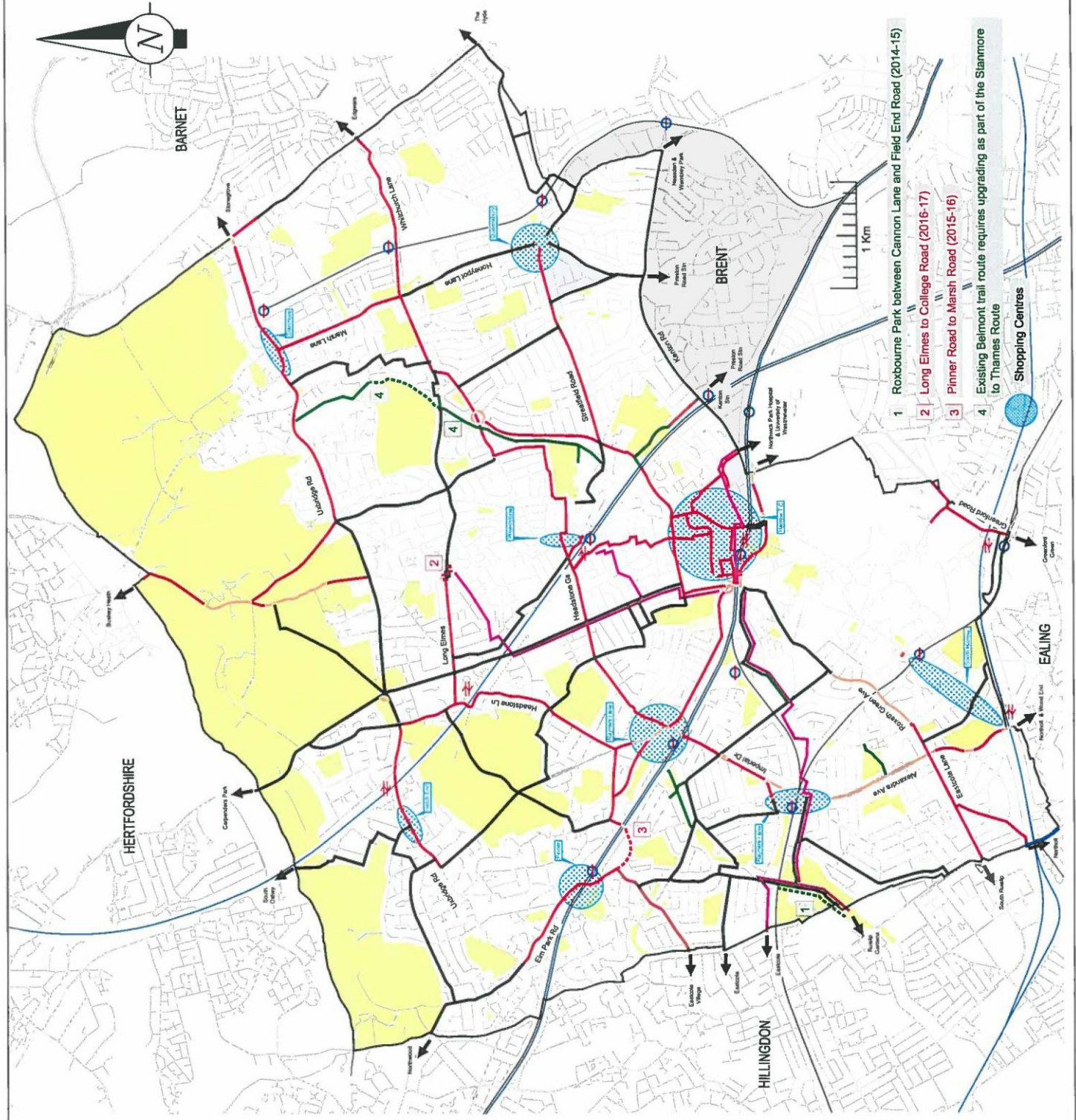
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CYCLE NETWORK IN HARROW

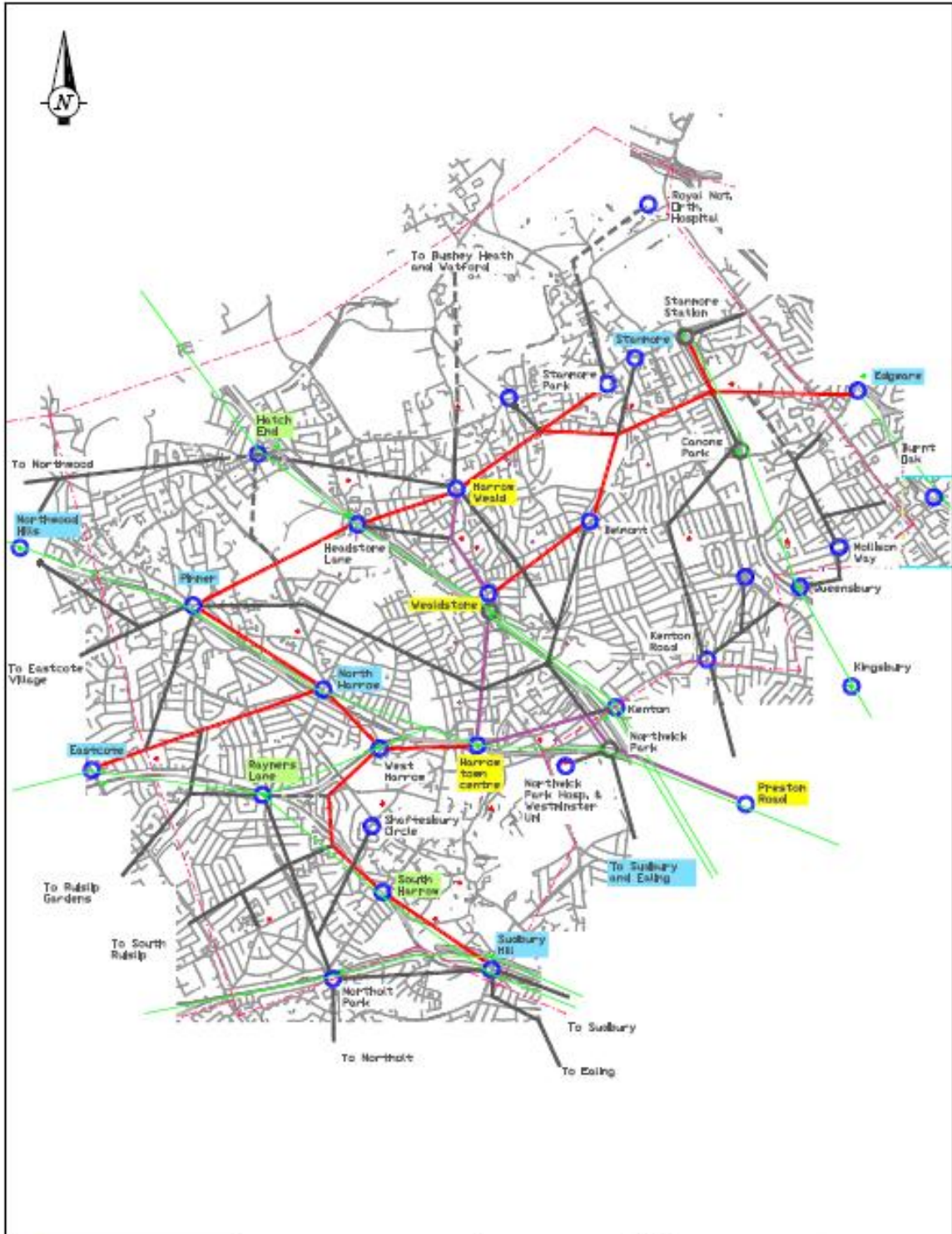
PLANNED CYCLE NETWORK

Scale	Drawn	SAF	Checked
	Date	17-02-2015	
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- 1 Roxbourne Park between Cannon Lane and Field End Road (2014-15)
 - 2 Long Elms to College Road (2016-17)
 - 3 Pinner Road to Marsh Road (2015-16)
 - 4 Existing Belmont trail route upgrading as part of the Stanmore to Thames Routes
- Shopping Centres

APPENDIX D Aspirational Quietways Map



<ul style="list-style-type: none"> ○ ○ Underground or rail station or local centre ● Secondary Schools — TL Provisional Quietway — Primary Aspirational Quietways — Other Aspirational Borough Quietways 	 <p>Northampton COUNCIL LONDON</p>	<p>Project Aspirational Borough Quietways</p> <p>The Schematic Layout also showing Underground & rail lines</p>
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APPENDIX E Cycling Policies in the Harrow Sustainable Transport Strategy

C1 Provide cycle training for adults and children and encourage the use of bicycles generally and in particular for journeys to school

C2 The council will promote the recreational use of cycling – but give priority to its aim of increasing cycling as an alternative to car use.

C3 Ensure cycle routes and facilities in the borough are appropriately located and regularly cleaned and maintained and that whenever possible, cycle tracks in parks are available at all hours

C4 Encourage the use of bicycles generally and in particular for journeys to school.

C5 Encourage employers to make provision for employees wishing to cycle to a similar standard to that required from new development including the provision of “cycle pools”

C6 Publish and distribute cycling leaflets and maps in areas of the borough identifying the locations of designated cycle routes, cycle parking facilities, barriers to use and main road crossings

C7 The council will use its powers as local planning authority to make planning permission for future development conditional upon the availability of an appropriate level of pedal cycle parking and facilities such as showers and lockers and encourage provision of “cycle pools”

C8 The council will use its powers and resources to provide secure and weather-protected cycle parking at sites generating/attracting significant numbers of cycling trips – most particularly, at strategic interchanges and stations and at local shopping areas; and encourage other authorities with specific responsibilities within the Borough to do the same

C9 Work with TfL to support the Mayor’s Cycle Superhighways schemes regarding improving access to the existing schemes or on the basis of bike hire space availability and work towards becoming a biking borough

C10 The council will ensure the progressive achievement and maintenance of a high quality of cycle route provision, as well as clear continuity and consistency in design; and will ensure that, wherever practicable, provision is designed and implemented to cater for tricycle and trailer use

C11 Provide effective alternatives to the car to encourage modal shift and increase provision for non-motorised modes of travel including cycling on all local access roads and treating walking as a priority travel mode, to be treated on a par with other means of transport

C12 Liaise with Railtrack⁴ and Transport for London to address the lack of cycle parking on station and particularly at Harrow and Wealdstone and Harrow on the Hill stations.

APPENDIX F Linking Borough Cycling Targets to Cycling Policy

Policy Ref	Policy	Targets
P1: Create a safer and better environment that supports cycling as an equal mode of transport		
P1.1	The Council will ensure the progressive development and maintenance of a high quality cycle route provision, clear continuity and consistency in design; and will ensure that, wherever practicable, provision is designed and implemented to also cater for tricycle and trailer use (<i>modified policy C10</i>)	<p data-bbox="1621 651 2087 852">Target 1 Reduce the year on year nos. of KSI incidents involving cyclists as a % of cycling activity recorded in the Borough</p> <p data-bbox="1621 922 2087 1123">Target 2 Reduce the year on year nos. of cyclists with slight injuries as a % of cycling activity recorded in the Borough</p>
P1.2	The Council will alleviating barriers to cycling by improving the bikeability of all routes in Harrow and ensure that routes are made suitable for entry level cyclists	
P1.3	The Council will ensure cycle routes and facilities in the borough are appropriately located and regularly cleaned and maintained and that whenever possible, cycle tracks in parks are available for use at all hours (<i>modified policy C3</i>)	
P1.4	The Council will work with TfL and other agencies to support the introduction of cycling schemes and initiatives and work towards becoming a biking borough (<i>modified policy C9</i>)	
P1.5	The Council will introduce cycle infrastructure design standards across the Borough	
P1.6	The Council is committed to reducing the risk of collisions involving cyclist through good design, continuous monitoring of collision hotspots and working in partnership with enforcement and community groups.	
P1.7	The Council will work in partnership with adjacent authorities to develop and to maintain high quality and safe cross-boundary cycling infrastructure	

Policy Ref	Policy	Targets
P2: Promote cycling as a convenient, safe, secure, inclusive and enjoyable activity		
P2.1	The Council will provide cycle training for adults and children and for people with disabilities to create a confident and responsible cycling community in the Borough (<i>policy C1</i>)	<p data-bbox="1630 363 2085 475">Target 3 Deliver a minimum of 200 adult cycle training courses annually</p> <p data-bbox="1630 515 2085 659">Target 4 Deliver cycle training courses to a minimum of 30 schools annually</p> <p data-bbox="1630 699 2085 842">Target 5 Support the delivery of at least 10 led rides in the Borough annually</p> <p data-bbox="1630 882 2085 994">Target 6 Introduce at least one Bikeability Plus initiative annually</p> <p data-bbox="1630 1034 2085 1145">Target 7 Deliver 2 Try Cycling Roadshows annually</p> <p data-bbox="1630 1185 2085 1297">Target 8 Support local events by delivering DR Bikes annually</p>
P2.2	The Council will introduce measures and programmes to encourage persons from BAME and other cycling adverse groups to take up cycling and to cycle more often.	
P2.3	The Council will promote the recreational use of cycling while giving priority to its aim of increasing cycling as an alternative to private car use (<i>policy C2</i>)	
P2.4	The Council will encourage the use of bicycles generally and in particular for journeys to school (<i>policy C4</i>)	
P2.5	The Council will encourage employers to make provision for employees wishing to cycle to a similar standard to that required from new development including the provision of “cycle pools” (<i>policy C5</i>)	
P2.6	The Council will publish and make available cycling leaflets and maps in areas of the borough identifying the locations of designated cycle routes, cycle parking facilities, barriers to cycling and main road crossings (<i>modified policy C6</i>)	
P2.7	The Council will promote cycling through Public Health actions to ensure that the health benefits of cycling are enjoyed by all residents	

Policy Ref	Policy	Targets
P3: To elevate cycling as an important sustainable mode of travel in the Borough		
P3.1	The Council will ensure cycling is at the heart of our sustainable and inclusive policies as a “biking borough” for all	<p data-bbox="1644 360 2069 485">Target 9 Achieve 1.5% mode share for cycling by 2017</p> <p data-bbox="1644 557 2069 715">Target 10 Increase the number of pupils cycling to school by 1.8% by 2020</p> <p data-bbox="1644 794 2069 952">Target 11 Undertake an annual resident survey to measure changing attitudes towards cycling</p>
P3.2	The Council will treat cycling and the needs of cyclists as equally important with other means of sustainable transport in the Borough.	
P3.3	The Council will consider the needs of cyclists as a core element in future regeneration programmes for local centres and employment areas.	
P3.4	The Council will support the development of cycling forums and cycle community groups	

Policy Ref	Policy	Targets
P4: To facilitate and to support bicycle ownership/access and secure parking		
P4.1	The Council will use its powers and resources as local planning authority to make planning permission for future development conditional upon the availability of an appropriate level of cycle parking and facilities such as showers and lockers and encourage provision of “cycle pools” (<i>policy C7</i>)	<p data-bbox="1619 411 2089 608">Target 12 Increase the number of cycle parking spaces in schools to 66 pupils per cycle parking space by 2020</p> <p data-bbox="1619 683 2089 847">Target 13 Reduce the number of cycle thefts in the Borough by 20% annually</p> <p data-bbox="1619 922 2089 1046">Target 14 Deliver an increase in the nos. of on street parking stands annually</p>
P4.2	The Council will use its powers and resources provide secure and weather-protected cycle parking at sites generating/attracting significant numbers of cycling trips particularly, at strategic interchanges and stations and at local shopping areas; and encourage other authorities with specific responsibilities within the Borough to do the same (<i>policy C8</i>)	
P4.3	The Council will work in partnership with cycling groups, the community and enforcement authorities to reduce cycle theft (<i>Note that working in partnership does not necessarily imply the provision of funding</i>)	

APPENDIX G Borough Cycle Action Plan

Operational and Cycle Parking Measures

Action Plan	Cycle Policy Reference																					
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	2.1	2.2	2.3	2.4	2.5	2.6	2.7	3.1	3.2	3.3	3.4	4.1	4.2	4.3	
Deliver free cycle training to children studying or residing in the borough																						
Produce and update Bikeability travel maps including those produced specifically for schools																						
Rolling out cycling promotions including campaigns targeted at BME and under-represented groups.																						
Free cycle training for adults who live, work or study in the Borough including special needs cycle training																						
Supporting Bike Clubs in high schools																						
Deliver Learn to Balance and Ride sessions to support supplementary Bikeability training for children aged 3-11																						
Encourage cycling potential of Women through the introduction of the Women's Bike Club and Women's Commuter Club																						
Deliver tailored Bike Clubs in Special Education Needs (SEN) schools																						
Try Cycling events																						

Action Plan	Cycle Policy Reference																					
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	2.1	2.2	2.3	2.4	2.5	2.6	2.7	3.1	3.2	3.3	3.4	4.1	4.2	4.3	
Working with businesses to promote cycling, cycling champions and cycling provision in their premises																						
Encouraging closer working with Cycle Groups and the private sector to promote cycling in the Borough																						
Increasing cycle parking provision at and in close proximity to rail stations																						
Increasing cycle parking provision at and in close proximity to Harrow & Wealdstone station																						
Increasing cycle parking provision at and in close proximity to Harrow-on-the-Hill station.																						
Increasing cycle parking provision at and in close proximity Rayners Lane station																						
Increasing cycle parking provision in schools and colleges																						
Working with the Met Police, PCSO's and community groups to promote bike marking & registration service																						
Introduce cycle infrastructure standards as part of the Council's design standards																						

Infrastructure Improvement Measures

Action Plan	Cycle Policy Reference																					
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	2.1	2.2	2.3	2.4	2.5	2.6	2.7	3.1	3.2	3.3	3.4	4.1	4.2	4.3	
Whittington Way to Northumberland Rd cycle improvements (2014-15)																						
Pinner Rd/Marsh Rd route cycle improvements (2015-2016)																						
Long Elmes to College Ave junc improvement /cycle link cycle improvements (2016–17)																						
Roxbourne to Cannons Lane greenway improvements (2014–15)																						
Canons Lane to Castleton Road greenway improvements Apr (2015–16)																						
Castleton Road to Field End Road greenway improvements Apr (2016–17)																						
Stanmore –Thames cycle and walking route Major Scheme (2013–14)																						
Cloistors Wood traffic management (streets near Stanmore Stn) (2016–17)																						
Neptune Point traffic management (Pinner Road / Greenhill)																						

Action Plan	Cycle Policy Reference																					
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	2.1	2.2	2.3	2.4	2.5	2.6	2.7	3.1	3.2	3.3	3.4	4.1	4.2	4.3	
Way area) (2015-16)																						
Kodak Site traffic management- (Harrow View / Headstone Drive) (2016–17)																						
Sudbury Public Realm Improvement																						
SUSTRANS West London greenway route (Stanmore to Thames Greenway) ⁽¹⁾																						
Northwick park Roundabout Improvements																						
Bessborough Roundabouts																						
TfL Preferred Quietway Route (10.4km) ⁽²⁾																						
Proposed Jubilee Cycle Route (6km) ⁽³⁾																						
Proposed Bakerloo Route (6 km) ⁽³⁾																						
Proposed Metropolitan Cycle Route (5.5km) ⁽³⁾																						
Proposed Cross Harrow Route (12km) ⁽³⁾																						

Note:

(1) Stanmore to Thames Greenway funding has yet to be confirmed by TfL

(2) Preferred Quietway Route that TfL have expressed interest to fund

(3) Quietway Routes that have been proposed by Harrow Council

APPENDIX H Borough Cycle Implementation Plan

Committed Funding

Action Plan	Funding Source (1)	Schedule for Implementation				
		2014/ 15	2015/ 16	2016/ 17	2017/ 20	Post- 2020
Rolling out Bikeability training	LIP					
Produce and update Bikeability travel maps including those produced specifically for schools	LIP					
Junior Bike Week for pre-schoolers	LIP					
Rolling out cycling promotional including campaigns targeted at BME and under-represented groups.	LIP					
Free cycle training for residents in the Borough including special needs cycle training	LIP					
Supporting Bike Clubs in high schools	LIP					
Try Cycling events	LIP					
Working with businesses to promote cycling, cycling champions and cycling provision in their premises	LIP					
Encouraging closer working with Cycle Groups and the private sector to promote cycling in the Borough	LIP/ third party					

Rolling out Dr Bike events and bike maintenance skills training	LIP					
Increasing cycle parking provision at and in close proximity to rail stations	LIP/ Station Improvement					
Increasing cycle parking provision at and in close proximity to Harrow & Wealdstone station	LIP/ Station Improvement					
Increasing cycle parking provision at and in close proximity to Harrow-on-the-Hill station.	LIP/ Station Improvement					
Increasing cycle parking provision at and in close proximity Rayners Lane station	LIP/ Station Improvement					
Increasing cycle parking provision in schools and colleges	LIP					
Working with the Met Police, PCSO's and community groups to promote bike marking & registration service	LIP					
Introduce cycle infrastructure standards as part of the Council's design standards	LIP					
Whittington Way to Northumberland Rd cycle improvements (2014-15)	LIP					
Pinner Rd/Marsh Rd route cycle improvements (2015-2016)	LIP					
Long Elmes to College Ave junc improvement /cycle link cycle improvements (2016-17)	LIP					
Roxbourne to Cannons Lane greenway improvements (2014-15)	LIP					
Canons Lane to Castleton Road greenway improvements Apr (2015-16)	LIP					
Castleton Road to Field End Road greenway improvements Apr (2016-17)	LIP					

Stanmore –Thames cycle and walking route Major Scheme (2013–14)	LIP					
Cloistors Wood traffic management (streets near Stanmore Stn) (2016–17)	LIP					
Neptune Point traffic management (Pinner Road / Greenhill Way area) (2015-16)	LIP					
Kodak Site traffic management- (Harrow View / Headstone Drive) (2016–17)	LIP					
Sudbury Public Realm Improvement	LIP					
SUSTRANS West London greenway route (Stanmore to Thames Greenway) ⁽¹⁾	LIP					
Northwick park Roundabout Improvements	Quietways					
Bessborough Roundabouts	Quietways					
TfL Preferred Quietway Route (10.4km) ⁽²⁾	Quietways					
Proposed Jubilee Cycle Route (6km) ⁽³⁾	Quietways					
Proposed Bakerloo Route (6 km) ⁽³⁾	Quietways					
Proposed Metropolitan Cycle Route (5.5km) ⁽³⁾	Quietways					
Proposed Cross Harrow Route (12km) ⁽³⁾	Quietways					

Note:

(1) Stanmore to Thames Greenway funding has yet to be confirmed by TfL

(2) Preferred Quietway Route that TfL have expressed interest to fund

(3) Quietway Routes that have been proposed by Harrow Council

APPENDIX I Borough Cycling Monitoring Action

Cycling Target	Monitoring Action/ Data Source
<p>Target 1 Reduce the year on year nos. of KSI incidents involving cyclists as a % of cycling activity recorded in the Borough</p>	Casualty Statistics from Met Police/ TfL
<p>Target 2 Reduce the year on year nos. of KSI incidents involving cyclists as a % of cycling activity recorded in the Borough</p>	Casualty Statistics from Met Police/ TfL
<p>Target 3 Deliver a minimum of 200 adult cycle training courses annually</p>	Harrow Council data
<p>Target 4 Deliver cycle training courses to a minimum of 30 schools annually</p>	Harrow Council data
<p>Target 5 Support the delivery of at least 10 led rides in the Borough annually</p>	Harrow Council/ Harrow Cyclists
<p>Target 6 Introduce at least one Bikeability Plus initiative annually</p>	Harrow Council
<p>Target 7 Deliver 2 Try Cycling Roadshows annually</p>	Harrow Council/ Harrow Cyclist
<p>Target 8 Support local events and schools by delivering DR Bikes annually</p>	Harrow Council

<p>Target 9 Achieve 1.5% mode share for cycling by 2017</p>	<p>Harrow Council manual count data at strategic sites in the Borough</p> <p>Cycle count data from TfL and other sources</p> <p>Harrow Council data from other surveys being carried out by the Council</p> <p>Data from the iTRACE system to monitor school and site travel plans</p> <p>Counts of parked bicycles at key locations</p>
<p>Target 10 Increase the number of pupils cycling to school by 1.8% by 2020</p>	<p>Data from the iTRACE system to monitor school and site travel plans</p> <p>School Hands Up survey data</p> <p>Manual counts at school sites</p>
<p>Target 11 Undertake an annual resident survey to measure changing attitudes towards cycling</p>	<p>Harrow Council data on frequency of cycling, cycle ownership and cycle as part of other surveys being carried out by the Council</p> <p>Feedback on the effectiveness of cycling activities such as led rides and Skyride</p>
<p>Target 12 Increase the number of cycle parking spaces in schools to 66 pupils per cycle parking space by 2020</p>	<p>Harrow Council</p>
<p>Target 13 Reduce the number of cycle thefts in the Borough by 20% annually</p>	<p>Metropolitan police data on cycle theft</p>
<p>Target 14 Deliver an increase in the nos. of on street parking stands annually</p>	<p>Harrow Council</p>