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# Brent Cross Development



Area Wide Walking and Cycling Study  
Addendum  
47065005-TP-RPT-070  
Rev 1

## Area Wide Walking and Cycling Study - Addendum

Doc. No: 47065005-TP-RPT-070

REVISION SCHEDULE					
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## 1 AWWC STUDY ADDENDUM

### 1.1 Submission Background

The Area Wide Walking and Cycling (AWWC) Study (document reference No. 47065005-TP-RPT-036 Rev 03, dated 27<sup>th</sup> November 2014) was submitted to the London Borough of Barnet (LBB) on 19<sup>th</sup> December 2014 to discharge Condition 1.20 Ref No 14/08105/CON attached to the Planning Permission Ref. No. F/04687/13 for the comprehensive mixed-use redevelopment of the Brent Cross Cricklewood Regeneration Area.

Following the previous submission of the AWWC Study, discussions have taken place with LBB, Transport for London (TfL), the London Borough of Camden (LBC) and the London Borough of Brent (LBB). As a result of these discussions, a number of amendments have been made to the AWWC Study. The purpose of this addendum report is to detail the agreed changes to the AWWC Study.

### 1.2 Changes Since December 2014 Submission

The key changes to the AWWC Study since the previous submission in December 2014 are as follows:

- Section 3.6 (Page 21) following text added: 'Following further discussions and negotiations with LBB and TfL a number of additional measures were added to the AWWC Study proposals and are shown in the final AWWC Study improvements drawing (47066786/AWWCS/003 Rev C).'
- Section 5 (first paragraph) updated drawing reference from 47065005/AWWCS/003 Rev B to 47065005/AWWCS/003 Rev C
- Table 6.1 (Colindale Town Centre Route – pedestrian improvement) text changed from 'realign dropped kerbs and widen refuge island at the uncontrolled crossing on Queen's Road' to 'provide Toucan Crossing at Queens Road'
- Table 6.1 (Colindale Town Centre/LU Station Route – cycle improvement) text changed from 'improve crossing across Queens Road at park entrance (relocate pedestrian guard rails currently in line of crossing, provide dropped kerbs on crossing line, widen refuge island)' to 'provide Toucan Crossing at Queens Road'
- Table 6.1 (Hendon Central LU Routes – pedestrian improvement) following text added 'upgrade A41 (south side) crossing to Toucan Crossing and provide appropriate links to the crossing (subject to capacity assessment and feasibility)'
- Table 6.1 (Hendon Central LU Station – cycle improvement) following text added 'upgrade A41 (south side) crossing to Toucan Crossing and provide appropriate links to the crossing (subject to capacity assessment and feasibility)'
- Table 6.1 (Hendon Town Centre (Residential Road Route) – pedestrian improvement) following text added 'upgrade A41 (south side) crossing to Toucan Crossing and provide appropriate links to the crossing (subject to capacity assessment and feasibility)'
- Table 6.1 (Hendon (Main Road Route) – pedestrian improvement) following text added 'upgrade A41 (south side) crossing to Toucan Crossing and provide appropriate links to the crossing (subject to capacity assessment and feasibility)'. Text

changed from 'realign dropped kerbs and widen refuge island at the uncontrolled crossing on Queen's Road' to 'provide Toucan Crossing at Queens Road'

- Table 6.1 (Hendon / Hendon High Street – cycle improvement) text changed from 'improve crossing across Queens Road at park entrance (relocate pedestrian guard rails currently in line of crossing, provide dropped kerbs on crossing line, widen refuge island)' to 'provide Toucan Crossing at Queens Road'
- Table 6.1 (Temple Fortune – pedestrian improvement) text changed from 'all improvements along this either to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works or are 'potential improvements for consideration by local authorities'' to 'provide tactile paving across all side road junctions (Heathfield Gardens, Western Avenue, St Marys Road and The Drive)'
- Table 6.1 (Childs Hill Town Centre – pedestrian improvement) text changed from 'provide a pedestrian phase, rotating cone and audible information at the pedestrian crossing across Pennine Drive at Hendon Way/Pennine Drive junction' to 'provide a controlled pedestrian crossing across Pennine Drive and Hendon Way North at Hendon Way/Pennine Drive junction'
- Table 6.1 (Golders Green LU Station – pedestrian improvement) text changed from 'provide a pedestrian phase, rotating cone and audible information at the pedestrian crossing across Pennine Drive at Hendon Way/Pennine Drive junction' to 'provide a controlled pedestrian crossing across Pennine Drive and Hendon Way North at Hendon Way/Pennine Drive junction'
- Table 6.1 (Kilburn High Road – cycle improvement) following text removed: 'all improvements along this either to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works or are 'potential improvements for consideration by local authorities''. The following text added:
  - 'provide directional signage along Lichfield Road, Lichfield Road/ Minster Road junction
  - Provide cycle awareness signage along Lichfield Road, Lichfield Road/ Minster Road junction
  - Provide carriageway cycle symbol markings along Lichfield Road
  - Refresh road markings at Lichfield Road/ Minster Road junction
  - Provide directional signage at Minster Road/ Fordwych Road junction and Fordwych Road/ Mill Lane junction
  - Provide cycle awareness signage at Minster Road/ Fordwych Road junction and Fordwych Road/ Mill Lane junction
  - Refresh road markings at Fordwych Road/ Mill Lane junction
  - Improve carriageway surface at Fordwych Road/ Mill Lane junction
  - Extend cycle lane on Mill Lane to Fordwych Road junction or provide cycle symbols
  - Provide directional signage along Mill Lane
  - Refresh faded road markings at Mill Lane/ A5 junction to ensure ASLs are well marked
  - Widen feeder lanes at Mill Lane/ A5 junction'

- Table 6.1 (West Hampstead – cycle improvement) following text removed ‘all improvements along this either to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works or are ‘potential improvements for consideration by local authorities’. The following text added:
  - ‘Provide directional signage along Lichfield Road, Lichfield Road/ Minster Road junction
  - Provide cycle awareness signage along Lichfield Road, Lichfield Road/ Minster Road junction
  - Provide carriageway cycle symbol markings along Lichfield Road
  - Refresh road markings at Lichfield Road/ Minster Road junction’
- Section 8 Consultation (page 33) following text added: ‘Following this consultation event LB Brent stated that they did not want the proposed improvements on the routes previously agreed for the AWWC Study. Instead they suggested two alternative routes between the Development and Neasden and Willesden which they would wish to be considered for funding of a similar level of improvements as for the previous proposals; these can be seen in Appendix H.’
- Section 8 Consultation (page 33) following text added: ‘during subsequent conversations with the LB Camden it was agreed with LB Barnet to include the identified measures to promote cycling along a route which extends south from Claremont Road and passes into LB Camden. These improvements are indicated on revision C of the Improvement Plan in Appendix E.’
- Section 9 Summary (page 34) following text added to paragraph 7: ‘Following further discussions and negotiations with LBB and TfL a number of additional measures were added to the AWWC Study proposals and are shown in the final AWWC Study improvements drawing (47066786/AWWCS/003 Rev C). ‘
- Appendix E updated to include the additional improvements as detailed above, and as listed below (new drawing reference is 47066786/AWWCS/003 Rev C):

**Grey Boxes** (proposed improvement to integrate development into existing networks):

- A41 crossing at Hendon Central LU station – text added ‘upgrade A41 (south side) crossing to Toucan Crossing and provide appropriate links to the crossing (subject to capacity assessment and feasibility)’
- Queens Road - text changed from ‘widen refuge island, provide accessible dropped kerbs on crossing line’ to ‘provide Toucan Crossing’
- Highfield Avenue – text added ‘tactile paving across all side road junctions (Heathfield Gardens, Western Avenue, St Marys Road and The Drive)’
- A41/Pennine Drive junction – Text added ‘provide controlled pedestrian crossings’ across Pennine Drive and Hendon Way North

**White Boxes** (potential improvements for consideration by Local Authorities):

- Golders Green Road - Text changed from ‘hatching/keep clear markings’ to ‘junction improvements to assist right turns into side roads’

The following improvements within LB Camden were previously shown in white boxes (on drawing reference 47066786/AWWCS/003 Rev B), and are now shown in grey boxes (on drawing reference 47066786/AWWCS/003 Rev C):

- Provide directional signage along Lichfield Road, Lichfield Road/Minster Road junction
- Provide cycle awareness signage along Lichfield Road, Lichfield Road/Minster Road junction
- Provide carriageway cycle symbol markings along Lichfield Road
- Refresh road markings at Lichfield Road/Minster Road junction
- Provide directional signage at Minster Road/Fordwych Road junction, Fordwych Road/Mill Lane junction
- Provide cycle awareness signage along Minster Road/Fordwych Road junction, Fordwych Road/Mill Lane junction
- Refresh road markings at Fordwych Road/Mill Lane junction
- Improve carriageway surface at Fordwych Road/Mill Lane junction
- Extend cycle lane on Mill Lane to Fordwych Road junction or provide cycle symbols
- Provide directional signage along Mill Lane
- Refresh faded road markings at Mill Lane / A5 junction to ensure ASLs are well marked
- Widen feeder lanes at Mill Lane / A5 junction

Drawing reference 47066786/AWWCS/003 Rev C is held in **Appendix A** of this Addendum.

- Appendix F - the route improvements schedules have been updated to include the above additions/changes. The associated plans held within this appendix remain unchanged (drawing references 47066786/AWWCS/005 Rev 0 and 47066786/AWWCS/006 Rev 0). The updated route improvement schedules are held in **Appendix B** of this addendum.
- Appendix H (LBB proposed routes to integrate into development) added. The LBB proposed routes are held in **Appendix C** of this addendum.



**APPENDIX A   AWWC STUDY IMPROVEMENTS PLAN (47066706/AWWCS/003 REV C)**

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## APPENDIX B ROUTE IMPROVEMENTS SCHEDULES AND ASSOCIATED PLANS

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Brent Cross LU (BC)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.9 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section BC-CS1 (within redline boundary)</b>
<b>Prince Charles Drive to Brent Cross LU station</b>
<b>General Description:</b>
Poor footway link provision to A41 footbridge (indirect) Inadequate directional signage at both approaches to footbridge, along Brent Terrace, at Brent Terrace/Highfield Avenue junction and on approach to station No cycle dismount signage at both approaches to footbridge Inadequate lighting on footbridge and along Brent Terrace Poor sense of personal security on footbridge and approaches to footbridge Carriageway link along Brent Terrace not appropriate for some cyclists and not on cycle desire line No pedestrian crossing facilities outside Brent Cross Station and tactile paving not provided at some side roads
<b>Recommendation for Improvement:</b>
<i>Provide new footway/ cycleway link with lighting from shopping centre to A41 footbridge</i> <i>Improve pedestrian/cycle signage at both ends of footpath, both approaches to footbridge, on A41 footbridge, along Brent terrace, at Brent Terrace/Highfield Avenue junction and on approach to station</i> <i>Provide lighting along footbridge and under rail bridge near Brent Cross station</i> <i>Install CCTV along footbridge</i> <i>Paint/general improvements to footbridge and approaches</i> <i>Install lighting along Brent Terrace footway</i>

*Widen Brent Terrace footway to provide cycle facility with associated lining / signage*

*Install cycle dismount signage on pedestrian footbridge*

Provide live bus information at bus stops P, Q and R and provide map in shelter of bus stop P

Install pedestrian crossing across Highfield Avenue (near station if feasible)

Install traffic calming close to station on Highfield Avenue

Install tactile paving at Brentfield Gardens, Hamilton Road and at station access

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Childs Hill (CH)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.10 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section CH-CS1</b>
<b>Clitterhouse Playing Fields to The Vale/Granville Road junction (not including junction)</b>
<b>General Description:</b>
No directional signage at access to playing fields, at the roundabout, Purbeck Drive, Mendip Drive, The Vale No cycle awareness signage at access to playing fields, at the roundabout, Purbeck Drive, Cheviot Gardens, Mendip Drive, The Vale No natural/informal surveillance at access to playing fields Dislodged kerbstones along Purbeck Drive and Mendip Drive No cycle facilities along Purbeck Drive, at roundabout, Cheviot Gardens, Mendip Drive and The Vale and at The Vale / A41 junction On-street parking restricts visibility splays at Cleveland Gardens and Cumbrian Gardens junctions with Purbeck Drive and Purbeck Drive / Cheviot Gardens junction Faded road markings at Cleveland Gardens and Cumbrian Gardens junctions with Purbeck Drive, at Cheviot Gardens/Mendip Drive junction, Purbeck Drive/Cheviot Gardens junction and Mendip Drive/The Vale junction Poor carriageway surface along Cheviot Gardens
<b>Recommendation for Improvement:</b>
<i>Provide directional signage at access to playing fields</i> <i>Provide directional signage at the roundabout, Purbeck Drive, Mendip Drive, The Vale</i> <i>Provide cycle awareness signage at access to playing fields</i>



Provide cycle awareness signage at the roundabout, Purbeck Drive, Cheviot Gardens, Mendip Drive, The Vale

*Provide CCTV at access to playing fields*

Provide cycle symbol road markings along Purbeck Drive, at roundabout, Cheviot Gardens, Mendip Drive, The Vale

Advanced stop lines / feeder lanes at the A41 junction with The Vale

Refresh road markings at Cleveland Gardens and Cumbrian Gardens junctions with Purbeck Drive, at Cheviot Gardens/Mendip Drive junction, Purbeck Drive/Cheviot Gardens junction and Mendip Drive/The Vale junction

Carriageway surface repairs along Cheviot Gardens

## **Section CH-CS2**

### **The Vale/Granville Road junction (including junction) to Childs Hill (Cricklewood Lane)**

#### **General Description:**

No directional signage at The Vale/Granville Road junction, Granville Road/Nant Road junction, Crewys Road, Crewys Road/Cricklewood Lane junction

On-street parking restricts visibility splays at The Vale/Granville Road junction and Granville Road/Nant Road junction

Faded road markings at The Vale/Granville Road junction

No cycle awareness signage along Granville Road, Granville Road/Nant Road junction, Crewys Road and Cricklewood Lane

No cycle facilities along Granville Road, Nant Road, Crewys Road and Cricklewood Lane

Poor carriageway surface at Crewys Road/Cricklewood Lane junction and on Cricklewood Lane

#### **Recommendation for Improvement:**

*Provide directional signage at The Vale/Granville Road junction, Granville Road/Nant Road junction, Crewys Road*

Refresh road markings at The Vale/Granville Road junction

Provide cycle awareness signage along Granville Road, Granville Road/Nant Road junction, Crewys Road, Crewys Road/Cricklewood Lane junction and Cricklewood Lane

Provide On-road cycle symbols along Granville Road, Nant Road and Crewys Road

Provide on-road cycle lanes on Cricklewood Lane with associated lining/signage

Repair carriageway surface at Crewys Road/Cricklewood Lane junction and on Cricklewood Lane

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Colindale (CD)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.4 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section CD-CS1</b>
<b>Prince Charles Drive to Shirehall Lane roundabout (including roundabout)</b>
<b>General Description:</b>
No cycle awareness signage along Prince Charles Drive Inadequate lighting in tunnel under A41 No directional signage at roundabout
<b>Recommendation for Improvement:</b>
Provide cycle awareness signage along Prince Charles Drive <i>Improve lighting in tunnel</i> <i>Provide directional signage at the Shirehall Lane roundabout</i>

<b>Section CD-CS2</b>
<b>Shirehall Lane roundabout (not including roundabout) to Hendon Park Entrance</b>
<b>General Description:</b>
Inadequate lighting under railway bridge
<b>Recommendation for Improvement:</b>

*Improve lighting under bridge*

### Section CD-CS3

#### Hendon Park Entrance to Queens Road (including crossing)

##### General Description:

Poor directional signage provision through park and at both entrances to park  
Poor crossing provision across Queens Road at park entrance (pedestrian guard rails in line of crossing, dropped kerbs not on crossing line, refuge island not wide enough for cyclists)

##### Recommendation for Improvement:

*Provide directional signage provision through park and at southern entrance to park*  
*Provide directional signage provision at northern entrance to park*  
*Provide Toucan crossing across Queens Road*

### Section CD-CS4

#### West View shared footway / cycleway

##### General Description:

Poor surface along section  
Poor lighting along section  
Vehicles parked at northern extent of shared facility cause cyclists difficulty in accessing it  
Poor directional signage provision at northern extent of shared footway/cycleway

##### Recommendation for Improvement:

*Improve surfacing along section*  
*Improve lighting along section*  
*Cut back foliage adjacent to lighting units*  
Provide parking restrictions at northern extent of section to allow easy access for cyclists  
*Directional signage at northern and southern extents of shared footway/cycleway*

### Section CD-CS5

#### Northern extent of West View shared footway / cycleway to Aerodrome Road / Colindale Avenue roundabout (including roundabout)

##### General Description:

No directional signage provision at Greyhound Hill, Greyhound Hill/A41 junction, Aerodrome Road

No cycle awareness signage along Greyhound Hill, Greyhound Hill/A41 junction

No cycle facilities at Greyhound Hill/A41 junction, along Aerodrome Road and Aerodrome Road and Aerodrome Road/Colindale Avenue roundabout

SW kerb at Greyhound Hill/A41 in line of cyclist movements

Faded road markings at Aerodrome Road/Colindale Avenue roundabout

**Recommendation for Improvement:**

*Provide directional signage at Greyhound Hill, Greyhound Hill/A41 junction, Aerodrome Road*

Provide cycle awareness signage along Greyhound Hill, Greyhound Hill/A41 junction

Provide advanced stop lines and feeder lanes at Greyhound Hill/A41 junction

Undertake kerbworks on SW kerb at Greyhound Hill/A41 junction

Provide cycle lanes along Aerodrome Road (on or off-road)

No recommendations for cycle improvements along Section DC-CS6

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Cricklewood (CW)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.12 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section CW-CS1</b>
<b>Brent Terrace to Claremont Road / Cricklewood Lane junction (including junction)</b>
<b>General Description:</b>
Inadequate lighting along Brent Terrace and along Claremont Road No cycle facilities along Brent Terrace or Claremont Road or at Claremont Road / Cricklewood Lane junction No directional signage along section No cycle awareness signage at Claremont Road / Cricklewood Lane junction Poor road surface at Brent Terrace / Claremont Road junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting along Brent Terrace and Claremont Road</i> <i>Provide cycle symbol road markings along Brent Terrace</i> <i>Provide directional signage at the Brent Terrace / Claremont Road and Claremont Road / Cricklewood Lane junctions</i> <i>Resurface carriageway at Brent Terrace / Claremont Road junction</i> <i>Provide cycle lanes along Claremont Road</i> <i>Provide cycle awareness signage at Claremont Road / Cricklewood Lane and Claremont Road / Brent Terrace junctions</i> <i>Provide advanced stop lines and feeder lanes at Claremont Road / Cricklewood Lane junction (to be provided as part of S73 highway works)</i>

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Dollis Hill via Crest Road (DH1)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.3 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section DH1-CS1 (partly within redline boundary)</b>
<b>Pedestrian footbridges to A5/Oxgate Lane junction (including junction)</b>
<b>General Description:</b>
Footbridge over A5 poorly lit Poor sense of personal security on footbridges Cycle dismount signage at approaches to footbridges poor Shared facility poorly signed Directional signage to BXCSC poor at footbridges, toucan crossing and at A5/Oxgate Lane junction Shared facility poorly surfaced Street furniture in shared facility Faded cycle symbol road markings Road surfacing poor at A5/Oxgate Lane junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting on footbridges</i> <i>Install CCTV on footbridges</i> <i>Improve cycle dismount signage on approaches to footbridges</i> <i>Improve wayfinding signage at footbridges</i> <i>Improve shared facility signage (directing cyclists onto facility and informing users of presence of facility)</i>

*Install wayfinding signage at toucan crossing and at A5/Oxgate Lane junction*

*Improve surfacing on shared facility*

*Clear street furniture on shared facility*

*Refresh on-road cycle symbol road markings (on A5 northbound off-slip)*

*Improved road surfacing at A5/Oxgate Lane junction*

#### **Section DH1-CS2**

**A5/Oxgate Lane junction (not including junction) to Randall Avenue (not including junction with Tanfield Avenue)**

##### **General Description:**

No cycle facilities along Oxgate Lane / Crest Road / Tanfield Avenue

Faded road markings

##### **Recommendation for Improvement:**

Provide cycle symbol road markings along Oxgate Lane / Crest Road / Tanfield Avenue

Refresh road markings along links

Review cycle detection

#### **Section DH1-CS3**

**Tanfield Avenue/Randall Avenue (including junction) to Lennox Gardens/ Dudden Hill Lane junction (including junction)**

##### **General Description:**

Poor directional signage provision

No cycle awareness signage along section

Poor road surface along Randall Avenue, at Randall Avenue/ Park View Road junction

Faded road markings at Randall Avenue/ Park View Road junction

##### **Recommendation for Improvement:**

Provide directional signage at Tanfield Avenue / Randall Avenue junction, Randall Avenue/ Park View Road and Lennox Gardens / Dudden Hill Lane junctions

Provide cycle awareness signage along Randall Avenue, Park View Road and Lennox Gardens and at Lennox Gardens / Dudden Hill Lane junction

Road surface improvements along Randall Avenue, at Randall Avenue/ Park View Road junction

Refresh road markings at Randall Avenue/ Park View Road junction

<b>Section DH1-CS4</b>
<b>Lennox Gardens/ Dudden Hill Lane junction (not including junction) to Dollis Hill station</b>
<b>General Description:</b>
<p>Poor directional signage provision</p> <p>No cycle awareness signage along section</p> <p>No cycle facilities at Dudden Hill Lane / Burnley Road junction</p> <p>No cycle facilities along Burnley Road</p> <p>Inadequate spare cycle parking capacity at station</p> <p>No cycle parking shelters at station</p>
<b>Recommendation for Improvement:</b>
<p>Provide directional signage along Dudden Hill Lane, at Dudden Hill Lane / Burnley Road junction and on approach to station</p> <p>Provide cycle awareness signage along Dudden Hill Lane, at Dudden Hill Lane / Burnley Road junction and on Burnley Road</p> <p>Provide advanced stop lines and feeder lanes at the Dudden Hill Lane / Burnley Road junction</p> <p>Provide cycle lanes along Burnley Road</p> <p><i>Provide additional cycle parking and shelters at Dollis Hill Station</i></p>



## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Dollis Hill (off road route) (DH2)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference:  
47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.3 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section DH2-CS1</b>
<b>A5/Oxgate Gardens junction (including junction) to Dollis Hill Lane / Park Side junction (including junction)</b>
<b>General Description:</b>
Poor directional signage provision No cycle awareness signage along section No cycle facilities along Oxgate Gardens and Dollis Hill Lane Vehicles parked in on-street parking bays obscure visibility for cyclists exiting Park Side
<b>Recommendation for Improvement:</b>
<i>A5/Oxgate Gardens junction improvements as part of S73 highway works</i> <i>Provide directional signage at A5/Oxgate Gardens junction, and Coles Green Road / Dollis Hill Lane junction</i> Provide cycle awareness signage along Oxgate Gardens, Coles Green Road and Dollis Hill Lane Provide cycle symbol road markings along Oxgate Gardens and Coles Green Road Provide cycle lanes or cycle symbol road markings along Dollis Hill Lane

<b>Section DH2-CS2</b>
<b>Dollis Hill Lane / Park Side junction (not including junction) to Kendal Road</b>

<b>General Description:</b>
Poor directional signage provision No cycle facilities along Park Side Insufficient cycle facilities through Park
<b>Recommendation for Improvement:</b>
Provide directional signage on Park Side and through park Provide cycle symbol road markings along Park Side Provide a shared facility through park with associated lining/signage

<b>Section DH2-CS3</b>
<b>Kendal Road to Hamilton Road (not including Hamilton Road/ Kendal Road junction) – using park path running adjacent to Kendall Road</b>
<b>General Description:</b>
No cycle facilities along park path
<b>Recommendation for Improvement:</b>
Widen path to provide shared facility with associated lining / signing

<b>Section DH2-CS4</b>
<b>Hamilton Road (including junction with Kendal Road) to Dollis Hill Station</b>
<b>General Description:</b>
No cycle facilities along Hamilton Road Poor directional signage provision No cycle awareness signage along section Inadequate cycle parking capacity at station No cycle parking shelters at station
<b>Recommendation for Improvement:</b>
Provide cycle symbol road markings and cycle awareness signage along Hamilton Road Provide directional signage along Hamilton Road <i>Provide additional cycle parking and shelters at Dollis Hill Station</i>

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Dollis Hill (recommended route) (DH3)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.3 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section DH3-CS1</b>
<b>Brent Terrace to Claremont Road / Cricklewood Lane junction (including junction)</b>
<b>General Description:</b>
Inadequate lighting along Brent Terrace and along Claremont Road No cycle facilities along Brent Terrace or Claremont Road or at Claremont Road / Cricklewood Lane junction No directional signage along section No cycle awareness signage at Claremont Road / Cricklewood Lane junction Poor road surface at Brent Terrace / Claremont Road junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting along Brent Terrace and Claremont Road</i> <i>Provide cycle symbol road markings along Brent Terrace</i> <i>Provide directional signage at the Brent Terrace / Claremont Road and Claremont Road / Cricklewood Lane junctions</i> <i>Resurface carriageway at Brent Terrace / Claremont Road junction</i> <i>Provide cycle lanes along Claremont Road</i> <i>Provide cycle awareness signage at Claremont Road / Cricklewood Lane and Claremont Road / Brent Terrace junctions</i> <i>Provide advanced stop lines and feeder lanes at Claremont Road / Cricklewood Lane junction (to be provided as part of S73 highway works)</i>

<b>Section DH3-CS2</b>
<b>Claremont Road / Cricklewood Lane junction (not including junction) to B&amp;Q junction (including junction)</b>
<b>General Description:</b>
No cycle awareness signage along Cricklewood Lane Poor surfacing at B&Q junction
<b>Recommendation for Improvement:</b>
Provide cycle awareness signage Improve surfacing at B&Q junction

<b>Section DH3-CS3</b>
<b>B&amp;Q access (not including junction) to Depot Approach/A5 junction (including junction)</b>
<b>General Description:</b>
No cycle facilities through car park No cycle awareness signage through car park or along Depot Approach No directional signage through car park Inadequate lighting along Depot Approach
<b>Recommendation for Improvement:</b>
Provide cycle lanes through car park (subject to B&Q approval) Provide cycle awareness signs through car park (subject to B&Q approval) Provide directional signage through car park (subject to B&Q approval) Improve lighting along Depot Approach Provide cycle awareness signs on Depot Approach

<b>Section DH3-CS4</b>
<b>Depot Approach/A5 junction (not including junction) to Park Access</b>
<b>General Description:</b>
No directional signage at Olive Road / Ashford Road crossroads junction and along Olive Road Poor carriageway surface condition at Olive Road / Ashford Road crossroads junction No cycle awareness signage along Olive Road
<b>Recommendation for Improvement:</b>

Provide directional signage at Olive Road / Ashford Road crossroads junction and along Olive Road Resurface carriageway at Olive Road / Ashford Road crossroads junction Provide cycle awareness signs along Olive Road
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No improvements suggested for DH3-CS5 (through park)

<b>Section DH3-CS6</b>
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<b>Kendal Road to Hamilton Road (not including Hamilton Road/ Kendal Road junction) – using park path running adjacent to Kendall Road</b>
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<b>General Description:</b>
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No cycle facilities along park path
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<b>Recommendation for Improvement:</b>
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Widen path to provide shared facility with associated lining / signing
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<b>Section DH3-CS7</b>
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<b>Hamilton Road (including junction with Kendal Road) to Dollis Hill Station</b>
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<b>General Description:</b>
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No cycle facilities along Hamilton Road Poor directional signage provision No cycle awareness signage along section Inadequate cycle parking capacity at station No cycle parking shelters at station
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<b>Recommendation for Improvement:</b>
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Provide cycle symbol road markings and cycle awareness signage along Hamilton Road Provide directional signage along Hamilton Road <i>Provide additional cycle parking and shelters at Dollis Hill Station</i>
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## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Golders Green (GG)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.11 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section GG-CS1 (partly within redline boundary)</b>
<b>Clitterhouse Playing Fields to Ridge Hill / The Ridgeway junction (including junction)</b>
<b>General Description:</b>
Poor lighting provision on footpath/cycleway facility between playing fields and subway Footpath/cycleway facility between playing fields and subway in poor state of repair (poor surfacing, overhanging vegetation) Existing cycle direction signage not in ideal location (playing fields side) Subway poorly lit Cycle dismount signage on Ridge Hill side of A406 in poor state of repair No cycle directional signage on Ridge Hill side of A406 No cycle awareness signage on Ridge Hill No cycle facilities along Ridge Hill
<b>Recommendation for Improvement:</b>
Improve lighting on footpath/cycleway facility between playing fields and subway Improve footpath/cycleway facility between playing fields and subway by improving surfacing and cutting back foliage Relocate cycle direction signage on playing fields side Improve lighting in subway Replace cycle dismount signage on Ridge Hill side of A406 Provide CCTV in subway

Remove bollard at subway approach

Provide cycle directional signage on Ridge Hill side of A406

Provide cycle awareness signage on Ridge Hill

Provide cycle symbol road markings on Ridge Hill

## Section GG-CS2

### Ridge Hill / The Ridgeway junction (not including junction) to Golders Green Station

#### General Description:

No cycle awareness signage along The Ridgeway, Rodborough Road/The Ridgeway/Hodford Road junction, Hodford Road, Hodford Road/Golders Green Road junction, on approach to station

No directional signage at The Ridgeway, Rodborough Road/The Ridgeway/Hodford Road junction, Hodford Road, Hodford Road/Golders Green Road junction, on approach to station

No cycle facilities at signal junctions between Hodford Road and station, gyratory near station and in station forecourt

No spare cycle parking capacity at station

#### Recommendation for Improvement:

Provide cycle awareness signage along The Ridgeway, Rodborough Road/The Ridgeway/Hodford Road junction, Hodford Road, Hodford Road/Golders Green Road junction, on approach to station

*Provide directional signage at The Ridgeway, Rodborough Road/The Ridgeway/Hodford Road junction, Hodford Road, Hodford Road/Golders Green Road junction, on approach to station*

Provide advanced stop lines and feeder lanes at signals on Golders Green Road and at the gyratory outside the station

Provide an off-road cycle link from station to Golders Green Road

Provide additional cycle parking at station

Re-lining at Rodborough Road/ The Ridgeway / Hodford Road junction

Refresh 'stop' markings at The Ridgeway / Armitage Road junction

## Cycle Route Analysis and Recommendations

### Brent Cross to Hendon Central LU Station (HC)

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.6 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section HC-CS1</b>
<b>Prince Charles Drive to Shirehall Lane roundabout (including roundabout)</b>
<b>General Description:</b>
No cycle awareness signage along Prince Charles Drive Inadequate lighting in tunnel under A41 No directional signage at roundabout
<b>Recommendation for Improvement:</b>
Provide cycle awareness signage along Prince Charles Drive Improve lighting in tunnel <i>Provide directional signage at the Shirehall Lane roundabout</i>

<b>Section HC-CS2</b>
<b>Shirehall Lane roundabout (not including roundabout) to A41/Cheyne Walk junction via Renters Avenue/Cheyne Walk (including Cheyne Walk/A41 junction)</b>
<b>General Description:</b>
No cycle facilities along Renters Avenue / Cheyne Walk or at Cheyne Walk / A41 junction No directional signage along Cheyne Walk/Renters Avenue and at Cheyne Walk / A41 junction No cycle awareness signage along Renters Avenue / Cheyne Walk or at Cheyne Walk / A41 junction



<b>Recommendation for Improvement:</b>
<p>Provide cycle symbol carriageway markings along Renters Avenue and Cheyne Walk</p> <p>Provide cycle awareness signage along Renters Avenue / Cheyne Walk and at Cheyne Walk / A41 junction</p> <p>Provide directional signage along Cheyne Walk / Renters Avenue and at Cheyne Walk / A41 junction</p> <p>Provide a facility directing cyclists onto footway (see proposals for A41 footway in Section 3)</p> <p>Reinstate footway surfacing along Renters Avenue</p>

<b>Section HC-CS3</b>
<b>A41/Cheyne Walk junction to Hendon Central LU station</b>
<b>General Description:</b>
<p>No cycle facilities between Cheyne Walk / A41 junction and station entrance</p> <p>No cycle awareness signage</p> <p>Island on Queens Road crossing too narrow for cycles</p> <p>Cycle parking at station fully utilised</p> <p>No cycle parking shelter</p>
<b>Recommendation for Improvement:</b>
<p><i>Provide off-road cycle facility on footway alongside A41 between Cheyne Walk and LU station with associated lining / signage</i></p> <p><i>Provide toucan crossing with countdown across Queens Road</i></p> <p>Provide additional cycle parking at station</p> <p>Provide cycle parking shelter at station</p>

## Cycle Route Analysis and Recommendations

### Brent Cross to Hendon High Street (HH)

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.7 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section HH-CS1</b>
<b>Prince Charles Drive to Shirehall Lane roundabout (including roundabout)</b>
<b>General Description:</b>
No cycle awareness signage along Prince Charles Drive Inadequate lighting in tunnel under A41 No directional signage at roundabout
<b>Recommendation for Improvement:</b>
Provide cycle awareness signage along Prince Charles Drive Improve lighting in tunnel <i>Provide directional signage at the Shirehall Lane roundabout</i>

<b>Section HH-CS2</b>
<b>Shirehall Lane roundabout (not including roundabout) to Hendon Park Entrance</b>
<b>General Description:</b>
Inadequate lighting under railway bridge
<b>Recommendation for Improvement:</b>

*Improve lighting under bridge*

**Section HH-CS3**

**Hendon Park Entrance to Queens Road (including crossing)**

**General Description:**

Poor directional signage provision through park and at both entrances to park  
Poor crossing provision across Queens Road at park entrance (pedestrian guard rails in line of crossing, dropped kerbs not on crossing line, refuge island not wide enough for cyclists)

**Recommendation for Improvement:**

*Provide directional signage provision through park and at southern entrance to park*  
*Provide directional signage provision at northern entrance to park*  
*Provide Toucan crossing across Queens Road*

**Section HH-CS4**

**West View shared footway / cycleway**

**General Description:**

Poor surface along section  
Poor lighting along section  
Vehicles parked at northern extent of shared facility cause cyclists difficulty in accessing it  
Poor directional signage provision at northern extent of shared footway/cycleway

**Recommendation for Improvement:**

*Improve surfacing along section*  
*Improve lighting along section*  
*Cut back foliage adjacent to lighting units*  
Provide parking restrictions at northern extent of section to allow easy access for cyclists  
*Directional signage at northern and southern extents of shared footway/cycleway*

**Section HH-CS5**

**Northern extent of West View shared footway / cycleway to Hendon High Street**

**General Description:**

No cycle awareness signage along Church Road (Hendon High Street)

No cycle facilities along Church Road (Hendon High Street)

**Recommendation for Improvement:**

Provide cycle awareness signage along Church Road (Hendon High Street)

Provide cycle lane or cycle symbols along Church Road (Hendon High Street)

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Kilburn (KB)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.13 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section KB-CS1</b>
<b>Brent Terrace to Claremont Road / Cricklewood Lane junction (including junction)</b>
<b>General Description:</b>
Inadequate lighting along Brent Terrace and along Claremont Road No cycle facilities along Brent Terrace or Claremont Road or at Claremont Road / Cricklewood Lane junction No directional signage along section No cycle awareness signage at Claremont Road / Cricklewood Lane junction Poor road surface at Brent Terrace / Claremont Road junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting along Brent Terrace and Claremont Road</i> <i>Provide cycle symbol road markings along Brent Terrace</i> <i>Provide directional signage at the Brent Terrace / Claremont Road and Claremont Road / Cricklewood Lane junctions</i> <i>Resurface carriageway at Brent Terrace / Claremont Road junction</i> <i>Provide cycle lanes along Claremont Road</i> <i>Provide cycle awareness signage at Claremont Road / Cricklewood Lane and Claremont Road / Brent Terrace junctions</i> <i>Provide advanced stop lines and feeder lanes at Claremont Road / Cricklewood Lane junction (to be provided as part of S73 highway works)</i>

<b>Section KB-CS2</b>
<b>Claremont Road / Cricklewood Lane junction (not including junction) to Lichfield Road/Minster Road junction (including junction)</b>
<b>General Description:</b>
<p>No directional signage along Lichfield Road, Lichfield Road/Minster Road junction</p> <p>No cycle awareness signage along Lichfield Road, Lichfield Road/Minster Road junction</p> <p>No cycle facilities along Lichfield Road</p> <p>Faded road markings at Lichfield Road/Minster Road junction</p>
<b>Recommendation for Improvement:</b>
<p>Provide directional signage along Lichfield Road, Lichfield Road/Minster Road junction</p> <p>Provide cycle awareness signage along Lichfield Road, Lichfield Road/Minster Road junction</p> <p>Provide carriageway cycle symbol markings along Lichfield Road</p> <p>Refresh road markings at Lichfield Road/Minster Road junction</p>

<b>Section KB-CS3</b>
<b>Lichfield Road/Minster Road junction (not including junction) via Fordwych Road and Mill Lane to A5/ Mill Lane junction (including junction)</b>
<b>General Description:</b>
<p>No directional signage along Minster Road/Fordwych Road junction, Fordwych Road/Mill Lane junction</p> <p>No cycle awareness signage along Minster Road/Fordwych Road junction, Fordwych Road/Mill Lane junction</p> <p>Faded road markings at Fordwych Road/Mill Lane junction</p> <p>Poor carriageway surface at Fordwych Road/Mill Lane junction</p>
<b>Recommendation for Improvement:</b>
<p>Provide directional signage at Minster Road/Fordwych Road junction, Fordwych Road/Mill Lane junction</p> <p>Provide cycle awareness signage along Minster Road/Fordwych Road junction, Fordwych Road/Mill Lane junction</p> <p>Refresh road markings at Fordwych Road/Mill Lane junction</p> <p>Improve carriageway surface at Fordwych Road/Mill Lane junction</p>

<b>Section KB-CS4</b>
<b>A5/ Mill Lane junction (not including junction) to Kilburn LO station</b>
<b>General Description:</b>

No directional signage along Mill Lane

Faded road markings at Mill Lane / A5 junction and previous ASL is still visible which confuses cyclists and drivers

No cycle facilities along Mill Lane or at signal junctions along A5

**Recommendation for Improvement:**

Extend cycle lane on Mill Lane to Fordwych Road junction or provide cycle symbols

*Provide directional signage along Mill Lane*

Refresh faded road markings at Mill Lane / A5 junction to ensure ASLs are well marked

Widen feeder lanes at Mill Lane / A5 junction

Provide advanced stop lines and feeder lanes at signal junctions along A5 between Mill Lane junction and Kilburn LO station

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Neasden (NS)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.2 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section NS-CS1 (partly within redline boundary)</b>
<b>Pedestrian footbridges to A5/Oxgate Lane junction (including junction)</b>
<b>General Description:</b>
Footbridge over A5 poorly lit Poor sense of personal security on footbridges Cycle dismount signage at approaches to footbridges poor Shared facility poorly signed Directional signage to BXCSC poor at footbridges, toucan crossing and at A5/Oxgate Lane junction Shared facility poorly surfaced Street furniture in shared facility Faded cycle symbol road markings Road surfacing poor at A5/Oxgate Lane junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting on footbridges</i> <i>Install CCTV on footbridges</i> <i>Improve cycle dismount signage on approaches to footbridges</i> <i>Improve wayfinding signage at footbridges</i> <i>Improve shared facility signage (directing cyclists onto facility and informing users of presence of facility)</i>



*Install wayfinding signage at toucan crossing and at A5/Oxgate Lane junction*

*Improve surfacing on shared facility*

*Clear street furniture on shared facility*

*Refresh on-road cycle symbol road markings (on A5 northbound off-slip)*

*Improved road surfacing at A5/Oxgate Lane junction*

## **Section NS-CS2**

### **A5/Oxgate Lane junction (not including junction) to Randall Avenue (not including junction with Tanfield Avenue)**

#### **General Description:**

No cycle facilities along Oxgate Lane / Crest Road / Tanfield Avenue

Faded road markings

#### **Recommendation for Improvement:**

Provide cycle symbol road markings along Oxgate Lane / Crest Road / Tanfield Avenue

Refresh road markings along links

Review cycle detection

## **Section NS-CS3**

### **Randall Avenue (including junction with Tanfield Avenue) to pedestrian footbridge over A4088 (not including pedestrian footbridge)**

#### **General Description:**

Faded road markings at Tanfield Avenue/Kenwyn Drive junction

Lack of directional signage

Lack of cycle awareness signage

No cycle facilities

Litter and fly tipping along route (particularly in alleyway and behind shops)

Poor surfacing

Poorly lit (particularly in un-overlooked sections of the route, i.e. alleyway and behind shops)

#### **Recommendation for Improvement:**

Refresh road markings at Tanfield Avenue/Kenwyn Drive junction

Provide cycle lanes or cycle symbol road markings along route

Improve road surfacing in places

Provide directional signage

Provide cycle awareness signage
Clear fly tipping / litter (particularly in alleyway and behind shops)
Improve lighting (particularly in un-overlooked sections of the route, i.e. alleyway and behind shops)

#### **Section NS-CS4**

#### **Pedestrian footbridge over A4088 (including pedestrian footbridge) to Neasden London Underground station**

##### **General Description:**

Lack of lighting on footbridge

Poor cycle awareness signage along Ballogie Avenue/ Landsdowne Grove

No cycle facilities along Neasden Lane

Directional signage to station poor

Poor surface along Neasden Lane

Insufficient cycle parking capacity

No cycle parking shelter

##### **Recommendation for Improvement:**

Provide lighting on pedestrian footbridge

Provide cycle awareness signage along Ballogie Avenue/ Landsdowne Grove

Provide cycle lanes / cycle symbol road markings along Neasden Lane

Improve directional signage to station along Neasden Lane

Surfacing improvements on Neasden Lane

Additional cycle parking with shelter at station

## Cycle Route Analysis and Recommendations

### Brent Cross to Temple Fortune Signed Route (TF1)

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.8 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section TF1-CS1</b>
<b>Prince Charles Drive to Shirehall Lane roundabout (including roundabout)</b>
<b>General Description:</b>
No cycle awareness signage along Prince Charles Drive Inadequate lighting in tunnel under A41 No directional signage at roundabout
<b>Recommendation for Improvement:</b>
Provide cycle awareness signage along Prince Charles Drive Improve lighting in tunnel Provide directional signage at the Shirehall Lane roundabout

<b>Section TF1-CS2</b>
<b>Shirehall Lane roundabout (not including roundabout) to Hendon Park Entrance</b>
<b>General Description:</b>
Inadequate lighting under railway bridge
<b>Recommendation for Improvement:</b>

*Improve lighting under bridge*

### **Section TF1-CS3**

#### **Shirehall Lane from Hendon Park Entrance to Green Lane / Bell Lane junction (including junction)**

##### **General Description:**

Inadequate cycle awareness signage along Shirehall Lane, Green Lane and at Green Lane / Bell Lane junction

No cycle facilities along Shirehall Lane or Green Lane or at Shirehall Lane/Green Lane signal junction

Poor carriageway surfacing at Shirehall Lane/Green Lane signal junction

Faded road markings at Shirehall Lane/Green Lane signal junction and at Green Lane / Bell Lane junction

No directional signage provision along Green Lane and at Green Lane/ Bell Lane junction

##### **Recommendation for Improvement:**

Improve cycle awareness signage along Shirehall Lane, Green Lane and at Green Lane / Bell Lane junction

Provide cycle lanes or cycle symbol road markings along Shirehall Lane and Green Lane

Provide advanced stop lines and feeder lanes at Shirehall Lane / Green Lane signal junction

Improve carriageway surfacing at Shirehall Lane/Green Lane signal junction

Refresh road markings at Shirehall Lane/Green Lane signal junction and at Green Lane / Bell Lane junction

Provide directional signage provision along Green Lane and at Green Lane/ Bell Lane junction

### **Section TF1-CS4**

#### **Green Lane / Bell Lane junction (not including junction) to Hallswelle Road (not including junction)**

##### **General Description:**

Poor carriageway surfacing along Bell Lane

Narrow ramps to subway

Cycle dismount signs inadequate at approaches to ramps

Inadequate cycle awareness signage along subway section under A406 and along Bridge Lane

Shared cycleway alongside A406 (northbound) too narrow

Low hanging vegetation on ramps to subway section

Inadequate lighting levels in subway section

Off-road cycle route alongside southwest bound A406 currently terminates at ramp

No directional signage provision along Bridge Lane
<b>Recommendation for Improvement:</b>
<p>Improve carriageway surfacing along Bell Lane</p> <p>Widen ramps to subway and shared cycleway alongside northbound A406</p> <p>Provide cycle dismount signs on approaches to ramps</p> <p>Provide cycle awareness signage along subway section under A406 and along Bridge Lane</p> <p>Cut back / remove low hanging vegetation on ramps to subway section</p> <p>Improve lighting levels in subway section</p> <p>Extend off-road cycle route alongside southwest bound A406 to Bridge Lane</p> <p>Provide directional signage along Bridge Lane</p>

<b>Section TF1-CS5</b>
<b>Hallswelle Road/Bridge Lane junction (including junction) to Finchley Road (including Hallswelle Road /Finchley Road junction)</b>
<b>General Description:</b>
<p>No directional signage provision at Hallswelle Road/Bridge Lane junction and Hallswelle Road/ Finchley Road junction</p> <p>Inadequate cycle awareness signage provision at Hallswelle Road/Bridge Lane junction and along Finchley Road</p> <p>No cycle facilities along Finchley Road</p>
<b>Recommendation for Improvement:</b>
<p><i>Provide directional signage provision at Hallswelle Road/Bridge Lane junction and Hallswelle Road/ Finchley Road junction</i></p> <p>Provide cycle awareness signage at Hallswelle Road/Bridge Lane junction and along Finchley Road</p> <p>Provide on-road cycle lanes along Finchley Road</p>

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Temple Fortune Recommended Route (TF2)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.8 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section TF2-CS1 (within redline boundary)</b>
<b>Prince Charles Drive to Brent Cross LU station</b>
<b>General Description:</b>
Poor footway link provision to A41 footbridge (indirect) Inadequate directional signage at both approaches to footbridge, along Brent Terrace, at Brent Terrace/Highfield Avenue junction and on approach to station No cycle dismount signage at both approaches to footbridge Inadequate lighting on footbridge and along Brent Terrace Poor sense of personal security on footbridge and approaches to footbridge Carriageway link along Brent Terrace not appropriate for some cyclists and not on cycle desire line No pedestrian crossing facilities outside Brent Cross Station and tactile paving not provided at some side roads
<b>Recommendation for Improvement:</b>
<i>Provide new footway/ cycleway link with lighting from shopping centre to A41 footbridge</i> <i>Improve pedestrian/cycle signage at both ends of footpath, both approaches to footbridge, on A41 footbridge, along Brent terrace, at Brent Terrace/Highfield Avenue junction and on approach to station</i> <i>Provide lighting along footbridge and under rail bridge near Brent Cross station</i> <i>Install CCTV along footbridge</i> <i>Paint/general improvements to footbridge and approaches</i>

*Install lighting along Brent Terrace footway*

*Widen Brent Terrace footway to provide cycle facility with associated lining / signage*

*Install cycle dismount signage on pedestrian footbridge*

Provide live bus information at bus stops P, Q and R and provide map in shelter of bus stop P

Install pedestrian crossing across Highfield Avenue (near station if feasible)

Install traffic calming close to station on Highfield Avenue

Install tactile paving at Brentfield Gardens, Hamilton Road and at station access

## **Section TF2-CS2**

### **Brent Cross LU station to Bridge Lane / Hallswelle Road junction (not including junction)**

#### **General Description:**

Inadequate directional signage along section

Inadequate cycle awareness signage along section

Vehicles queuing across Highfield Avenue / Golders Green Road junction (puts cyclists at risk)

Poor surfacing at Highfield Avenue / Golders Green Road and Golders Green Road / Highfield Road junctions

Faded road markings at Golders Green Road / Highfield Road junction

Potential of cycle/pedestrian conflict at link between Highfield Road and Leaside Crescent and alleyway opposite Hallswelle Road

No crossing facilities across Leaside Crescent

#### **Recommendation for Improvement:**

*Provide directional signage at Golders Green Road junctions, along Highfield Road, Oakfields Road*

Provide cycle awareness signage at Golders Green Road junctions, along Highfield Road, Oakfields Road

Junction improvements to assist cycle right turns into minor roads

Carriageway surface improvements at Golders Green Road junctions

Refresh road markings at Golders Green Road / Highfield Road junction

*Provide segregated footway/cycleway at link between Highfield Road and Leaside Crescent and alleyway opposite Hallswelle Road with associated lining / signage*

*Provide crossing facilities across Leaside Crescent*

## **Section TF2-CS3**

### **Hallswelle Road/Bridge Lane junction (including junction) to Finchley Road (including Hallswelle Road / Finchley Road junction)**

<b>General Description:</b>
No directional signage provision at Hallswelle Road/Bridge Lane junction and Hallswelle Road/ Finchley Road junction Inadequate cycle awareness signage provision at Hallswelle Road/Bridge Lane junction and along Finchley Road No cycle facilities along Finchley Road
<b>Recommendation for Improvement:</b>
<i>Provide directional signage provision at Hallswelle Road/Bridge Lane junction and Hallswelle Road/ Finchley Road junction</i> Provide cycle awareness signage at Hallswelle Road/Bridge Lane junction and along Finchley Road Provide on-road cycle lanes along Finchley Road



## **Cycle Route Analysis and Recommendations**

### **Brent Cross to West Hampstead (WHS)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.15 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section WSH-CS1</b>
<b>Brent Terrace to Claremont Road / Cricklewood Lane junction (including junction)</b>
<b>General Description:</b>
Inadequate lighting along Brent Terrace and along Claremont Road No cycle facilities along Brent Terrace or Claremont Road or at Claremont Road / Cricklewood Lane junction No directional signage along section No cycle awareness signage at Claremont Road / Cricklewood Lane junction Poor road surface at Brent Terrace / Claremont Road junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting along Brent Terrace and Claremont Road</i> <i>Provide cycle symbol road markings along Brent Terrace</i> <i>Provide directional signage at the Brent Terrace / Claremont Road and Claremont Road / Cricklewood Lane junctions</i> <i>Resurface carriageway at Brent Terrace / Claremont Road junction</i> <i>Provide cycle lanes along Claremont Road</i> <i>Provide cycle awareness signage at Claremont Road / Cricklewood Lane and Claremont Road / Brent Terrace junctions</i> <i>Provide advanced stop lines and feeder lanes at Claremont Road / Cricklewood Lane junction (to be provided as part of S73 highway works)</i>

<b>Section WHS-CS2</b>
<b>Claremont Road / Cricklewood Lane junction (not including junction) to Lichfield Road/Minster Road junction (including junction)</b>
<b>General Description:</b>
<p>No directional signage along Lichfield Road, Lichfield Road/Minster Road junction</p> <p>No cycle awareness signage along Lichfield Road, Lichfield Road/Minster Road junction</p> <p>No cycle facilities along Lichfield Road</p> <p>Faded road markings at Lichfield Road/Minster Road junction</p>
<b>Recommendation for Improvement:</b>
<p>Provide directional signage along Lichfield Road, Lichfield Road/Minster Road junction</p> <p>Provide cycle awareness signage along Lichfield Road, Lichfield Road/Minster Road junction</p> <p>Provide carriageway cycle symbol markings along Lichfield Road</p> <p>Refresh road markings at Lichfield Road/Minster Road junction</p>

<b>Section WHS-CS3</b>
<b>Lichfield Road/Minster Road junction (not including junction) to West Hampstead</b>
<b>General Description:</b>
<p>No directional signage along Mill Lane and Sumatra Road</p> <p>No cycle awareness signage on Mill Lane</p> <p>Inadequate cycle awareness signage on Sumatra Road</p> <p>Speed tables on Mill Lane obstruction for cyclists</p>
<b>Recommendation for Improvement:</b>
<p><i>Provide directional signage along Mill Lane and Sumatra Road</i></p> <p>Provide cycle awareness signage on Mill Lane</p> <p>Improve cycle awareness signage on Sumatra Road</p>

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Hendon FCC (West Hendon) (WHF)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.5 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section WHF-CS1</b>
<b>Redline boundary to Layfield Road / Dallas Road junction (including junction)</b>
<b>General Description:</b>
Link into BXCSC poorly lit No directional signage to Hendon FCC station (within site, at access and along Layfield Road) Poor access for cyclists into BXCSC (due to barrier) Limited natural surveillance and no CCTV No measures warning drivers of the presence of cyclists
<b>Recommendation for Improvement:</b>
<i>Provide lighting along access into BXCSC</i> <i>Install wayfinding at car parks and at link to Layfield Road</i> <i>Remove gate and provide drop-down bollards (make access cycle friendly)</i> <i>Install CCTV at access</i> <i>Install wayfinding at Layfield Road/Dallas Road junction</i> <i>Provide cycle symbol road markings and cycle awareness signage along Layfield Road</i>

<b>Section WHF-CS2</b>
<b>Layfield Road / Dallas Road junction (not including junction) to Dallas Road / Vicarage Road junction (including junction)</b>

<b>General Description:</b>
No directional signage to Hendon FCC station No measures warning drivers of the presence of cyclists
<b>Recommendation for Improvement:</b>
<i>Install wayfinding at Dallas Road/Park Road junction</i> <i>Install wayfinding at Dallas Road/Vicarage Road junction</i> Provide cycle symbol road markings and cycle awareness signage along Dallas Road Provide cycle symbol road markings and cycle awareness signage at Mount Road Provide directional signage at Mount Road

<b>Section WHF-CS3</b>
<b>Dallas Road / Vicarage Road junction (not including junction) to Hendon FCC station (West Hendon)</b>
<b>General Description:</b>
No measures warning drivers of the presence of cyclists along Algernon Road and Station Road No cycle facilities along Station Road No directional signage to Hendon FCC station Limited natural surveillance and no CCTV at station Limited cycle parking availability at station
<b>Recommendation for Improvement:</b>
Provide cycle symbol road markings and cycle awareness signage along Algernon Road Provide cycle awareness signage and cycle lanes along Station Road <i>Install wayfinding at Algernon Road/Station Road junction and at station approach</i> <i>Install CCTV at station</i> Provide additional cycle parking at station <i>Replace pedestrian crossing with toucan crossing</i> <i>Provide a shared footway/cycleway on south side of Station Road (connecting with Algernon Road)</i>

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Willesden Green (WG)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.14 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section WG-CS1</b>
<b>Brent Terrace to Claremont Road / Cricklewood Lane junction (including junction)</b>
<b>General Description:</b>
Inadequate lighting along Brent Terrace and along Claremont Road No cycle facilities along Brent Terrace or Claremont Road or at Claremont Road / Cricklewood Lane junction No directional signage along section No cycle awareness signage at Claremont Road / Cricklewood Lane junction Poor road surface at Brent Terrace / Claremont Road junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting along Brent Terrace and Claremont Road</i> <i>Provide cycle symbol road markings along Brent Terrace</i> <i>Provide directional signage at the Brent Terrace / Claremont Road and Claremont Road / Cricklewood Lane junctions</i> <i>Resurface carriageway at Brent Terrace / Claremont Road junction</i> <i>Provide cycle lanes along Claremont Road</i> <i>Provide cycle awareness signage at Claremont Road / Cricklewood Lane and Claremont Road / Brent Terrace junctions</i> <i>Provide advanced stop lines and feeder lanes at Claremont Road / Cricklewood Lane junction (to be provided as part of S73 highway works)</i>

<b>Section WG-CS2</b>
<b>Claremont Road / Cricklewood Lane junction (not including junction) to B&amp;Q junction (including junction)</b>
<b>General Description:</b>
<p>No cycle awareness signage along Cricklewood Lane</p> <p>Poor surfacing at B&amp;Q junction</p>
<b>Recommendation for Improvement:</b>
<p>Provide cycle awareness signage</p> <p>Improve surfacing at B&amp;Q junction</p>

<b>Section WG-CS3</b>
<b>B&amp;Q access (not including junction) to Willesden Green station</b>
<b>General Description:</b>
<p>No directional signage along Chichele Road / Walm Lane</p> <p>No cycle awareness signage along Chichele Road / Walm Lane</p> <p>No cycle facilities along Chichele Road / Walm Lane</p> <p>No cycle facilities at signal junctions on Chichele Road / Walm Lane</p> <p>No available cycle parking capacity at station</p> <p>No cycle parking shelters at station</p>
<b>Recommendation for Improvement:</b>
<p><i>A5/A407 junction improvements as part of S73 highway works</i></p> <p><i>Provide directional signage along Chichele Road / Walm Lane</i></p> <p>Provide cycle awareness signage along Chichele Road / Walm Lane</p> <p>Provide carriageway cycle symbol markings along Chichele Road / Walm Lane</p> <p>Provide advanced stop lines and feeder lanes at signal junctions on Chichele Road / Walm Lane</p> <p>Increase cycle parking capacity at station</p> <p>Provide cycle parking shelters at station</p>

## **Cycle Route Analysis and Recommendations**

### **Brent Cross to Hendon Central LU Station 2 (HC2)**

A route analysis of this cycle route is provided below. The route has been separated into several sections Cycle Sections (CS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/006 Rev 0.

The CERS audit results along with photos of the route are provided in Section 3.6 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section HC2-CS1</b>
<b>Sturgess Park to Hendon Central (via Allington Road)</b>
<b>General Description:</b>
No directional signage at Sturgess Park, on Park Road, Allington Road and Vivian Avenue No cycle awareness signage at Allington Road Cycle parking at station fully utilised No cycle parking shelter
<b>Recommendation for Improvement:</b>
<i>Provide directional signage at Sturgess Park, on Park Road and Allington Road</i> <i>Provide directional signage at Vivian Avenue</i> Install cycle awareness signage along Allington Road Provide additional cycle parking at station Provide cycle parking shelter at station <i>Upgrade A41 (south side) crossing to a Toucan crossing and provide appropriate links to the crossing (subject to capacity assessment and feasibility)</i>

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Neasden LU Station (NE)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.2 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section NE PS1</b>
<b>Brent Cross Shopping Centre to (and including) the Layfield Road/Brent Park Road/Dallas Road junction via Layfield Road</b>
<b>General Description:</b>
<p>Inadequate lighting and CCTV at the western end of the footpath which connects the shopping centre to Layfield Road</p> <p>Absence of dropped kerbs and tactile paving at the western end of the footpath which connects the shopping centre to Layfield Road, as well as across the Brent Park Road arm of the Layfield Road/Brent Park Road/Dallas Road junction</p> <p>Misaligned dropped kerbs and absence of tactile paving at the two Layfield Road/Layfield Close junctions, the two Layfield Road/Layfield Crescent junctions and across the Dallas Road arm of the Layfield Road/Brent Park Road/Dallas Road junction</p> <p>Absence of directional signage at the Layfield Road/Brent Park Road/Dallas Road junction and at the western end of the footpath which connects the shopping centre to Layfield Road</p>
<b>Recommendation for Improvement:</b>
<p><i>Improve lighting and CCTV at the western end of the footpath which connects the shopping centre to Layfield Road</i></p> <p>Provide dropped kerbs and install tactile paving at the western end of the footpath which connects the shopping centre to Layfield Road</p> <p>Provide dropped kerbs and tactile paving across the Brent Park Road arm of the Layfield Road/Brent Park Road/Dallas Road junction</p> <p>Realign dropped kerbs and install tactile paving at the two Layfield Road/Layfield Close junctions, the two Layfield Road/Layfield Crescent junctions and across the Dallas Road arm of the Layfield Road/Brent Park Road/Dallas Road junction</p>



*Provide directional signage at the Layfield Road/Brent Park Road/Dallas Road junction*

*Provide direction signage at the western end of the footpath which connects the shopping centre to Layfield Road*

## **Section NE PS2**

### **Brent Park Road to (and including) the A5 Edgware Road/Brent Park Road junction**

#### **General Description:**

Absence of crossing facility at the access to the builder's yard on Brent Park Road

Absence of tactile paving at the car park access roads (on Brent Park Road) and at the A5 Edgware Road/Brent Park Road junction

Absence of directional signage to the west of the railway tunnel on Brent Park Road

Inadequate lighting within the tunnel which passes underneath the railway line along Brent Park Road

#### **Recommendation for Improvement:**

Provide a build-out crossing facility at the access to the builder's yard on Brent Park Road

Install tactile paving at the car park access roads (on Brent Park Road) and at the A5 Edgware Road/Brent Park Road junction

*Provide directional signage to the west of the railway tunnel on Brent Park Road*

*Provide lighting within the tunnel which passes underneath the railway line along Brent Park Road*

## **Section NE PS3**

### **A5 Edgware Road to (and including) the A5 Edgware Road/Oxgate Lane junction**

#### **General Description:**

Absence of tactile paving at the business park access road to the west of the A5 Edgware Road/A406 North Circular Road junction

Absence of directional signage to the west of the A5 Edgware Road/A406 North Circular Road junction, on the approaches to and along the footbridge crossing the A5 Edgware Road/A406 North Circular Road junction and at the toucan crossing to the east of the A5 Edgware Road/A406 North Circular Road junction

Inadequate lighting and absence of CCTV along the footbridge crossing the A5 Edgware Road/A406 North Circular Road junction

No live bus information available at bus stops SJ and SB to the east of the A5 Edgware Road/A406 North Circular Road junction

Poor surfacing, obstructions caused by on-street furniture and absence of shared use signage along the shared cycle/footway to the east of the A5 Edgware Road/A406 North Circular Road junction

Absence of dropped kerbs and tactile paving across the Oxgate Lane arm of the A5 Edgware

Road/Oxgate Lane junction
<b>Recommendation for Improvement:</b>
<p>Install tactile paving at the business park access road to the west of the A5 Edgware Road/A406 North Circular Road junction</p> <p>Provide directional signage along A5 Edgware Road near to Brent Park Road</p> <p>Provide directional signage to the north of the A5 Edgware Road/A406 North Circular Road junction, on the approaches to and along the footbridge crossing the A5 Edgware Road/A406 North Circular Road junction</p> <p>Provide directional signage at the toucan crossing to the south of the A5 Edgware Road/A406 North Circular Road junction</p> <p>Provide lighting and CCTV along the footbridge crossing the A5 Edgware Road/A406 North Circular Road junction</p> <p>Provide live bus information at bus stops SJ and SB to the east of the A5 Edgware Road/A406 North Circular Road junction</p> <p><i>Improve surfacing, remove on-street furniture causing an obstruction and provide shared use signage along the shared cycle/footway to the east of the A5 Edgware Road/A406 North Circular Road junction</i></p> <p>Provide dropped kerbs and install tactile paving across the Oxgate Lane arm of the A5 Edgware Road/Oxgate Lane junction</p> <p><i>Upgrade crossing on A5 to the north of Staples Corner to a toucan crossing</i></p> <p><i>Provide a shared footway/cycleway along eastern side of A5 (north of Staples Corner) between Staples Corner and Brent Park Road.</i></p> <p><i>Provide directional signage at the A5 Edgware Road / Oxgate Lane Junction</i></p>

Sections NE PS4 and PS5 do not include any recommendations for improvements.

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Dollis Hill LU Station (DH)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.3 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section DH PS1</b>
<b>Brent Cross Shopping Centre to (and including) the Layfield Road/Brent Park Road/Dallas Road junction via Layfield Road</b>
<b>General Description:</b>
<p>Inadequate lighting and CCTV at the western end of the footpath which connects the shopping centre to Layfield Road</p> <p>Absence of dropped kerbs and tactile paving at the western end of the footpath which connects the shopping centre to Layfield Road, as well as across the Brent Park Road arm of the Layfield Road/Brent Park Road/Dallas Road junction</p> <p>Misaligned dropped kerbs and absence of tactile paving at the two Layfield Road/Layfield Close junctions, the two Layfield Road/Layfield Crescent junctions and across the Dallas Road arm of the Layfield Road/Brent Park Road/Dallas Road junction</p> <p>Absence of directional signage at the Layfield Road/Brent Park Road/Dallas Road junction and at the western end of the footpath which connects the shopping centre to Layfield Road</p>
<b>Recommendation for Improvement:</b>
<p><i>Improve lighting and CCTV at the western end of the footpath which connects the shopping centre to Layfield Road</i></p> <p>Provide dropped kerbs and install tactile paving at the western end of the footpath which connects the shopping centre to Layfield Road</p> <p>Provide dropped kerbs and tactile paving across the Brent Park Road arm of the Layfield Road/Brent Park Road/Dallas Road junction</p> <p>Realign dropped kerbs and install tactile paving at the two Layfield Road/Layfield Close junctions, the two Layfield Road/Layfield Crescent junctions and across the Dallas Road arm of the Layfield Road/Brent Park Road/Dallas Road junction</p>

*Provide directional signage at the Layfield Road/Brent Park Road/Dallas Road junction*

*Provide direction signage at the western end of the footpath which connects the shopping centre to Layfield Road*

## **Section DH PS2**

### **Brent Park Road to (and including) the A5 Edgware Road/Brent Park Road junction**

#### **General Description:**

Absence of crossing facility at the access to the builder's yard on Brent Park Road

Absence of tactile paving at the car park access roads (on Brent Park Road) and at the A5 Edgware Road/Brent Park Road junction

Absence of directional signage to the west of the railway tunnel on Brent Park Road

Inadequate lighting within the tunnel which passes underneath the railway line along Brent Park Road

#### **Recommendation for Improvement:**

Provide a build-out crossing facility at the access to the builder's yard on Brent Park Road

Install tactile paving at the car park access roads (on Brent Park Road) and at the A5 Edgware Road/Brent Park Road junction

*Provide directional signage to the west of the railway tunnel on Brent Park Road*

*Provide lighting within the tunnel which passes underneath the railway line along Brent Park Road*

## **Section DH PS3**

### **A5 Edgware Road to (and including) the A5 Edgware Road/Oxgate Lane junction**

#### **General Description:**

Absence of tactile paving at the business park access road to the west of the A5 Edgware Road/A406 North Circular Road junction

Absence of directional signage to the west of the A5 Edgware Road/A406 North Circular Road junction, on the approaches to and along the footbridge crossing the A5 Edgware Road/A406 North Circular Road junction and at the toucan crossing to the east of the A5 Edgware Road/A406 North Circular Road junction

Inadequate lighting and absence of CCTV along the footbridge crossing the A5 Edgware Road/A406 North Circular Road junction

No live bus information available at bus stops SJ and SB to the east of the A5 Edgware Road/A406 North Circular Road junction

Poor surfacing, obstructions caused by on-street furniture and absence of shared use signage along the shared cycle/footway to the east of the A5 Edgware Road/A406 North Circular Road junction

Absence of dropped kerbs and tactile paving across the Oxgate Lane arm of the A5 Edgware Road/Oxgate Lane junction
<b>Recommendation for Improvement:</b>
<p>Install tactile paving at the business park access road to the west of the A5 Edgware Road/A406 North Circular Road junction</p> <p>Provide directional signage along A5 Edgware Road near to Brent Park Road</p> <p>Provide directional signage to the north of the A5 Edgware Road/A406 North Circular Road junction, on the approaches to and along the footbridge crossing the A5 Edgware Road/A406 North Circular Road junction</p> <p>Provide directional signage at the toucan crossing to the south of the A5 Edgware Road/A406 North Circular Road junction</p> <p>Provide lighting and CCTV along the footbridge crossing the A5 Edgware Road/A406 North Circular Road junction</p> <p>Provide live bus information at bus stops SJ and SB to the east of the A5 Edgware Road/A406 North Circular Road junction</p> <p><i>Improve surfacing, remove on-street furniture causing an obstruction and provide shared use signage along the shared cycle/footway to the east of the A5 Edgware Road/A406 North Circular Road junction</i></p> <p>Provide dropped kerbs and install tactile paving across the Oxgate Lane arm of the A5 Edgware Road/Oxgate Lane junction</p> <p><i>Upgrade crossing on A5 to the north of Staples Corner to a toucan crossing</i></p> <p><i>Provide a shared footway/cycleway along eastern side of A5 (north of Staples Corner) between Staples Corner and Brent Park Road.</i></p> <p><i>Provide directional signage at the A5 Edgware Road / Oxgate Lane Junction</i></p>

<b>Section DH PS4</b>
<b>A5 Edgware Road to (and including) the A5 Edgware Road/Oxgate Gardens junction</b>
<b>General Description:</b>
<p>Inadequate footway lighting and absence of directional signage along the A5 Edgware Road</p> <p>Absence of tactile paving at the retail park entrance and exits (on the A5 Edgware Road) and at the A5 Edgware Road/Geron Way junction</p> <p>Absence of crossing facility at the A5 Edgware Road/Geron Way junction</p>
<b>Recommendation for Improvement:</b>
<p>Improve footway lighting and provide directional signage along the A5 Edgware Road</p> <p><i>Provide directional signage at the A5 Edgware Road/Oxgate Gardens Junction and along A5</i></p> <p>Install tactile paving at the retail park entrance and exits (on the A5 Edgware Road) and at the A5 Edgware Road/Geron Way junction</p>

Provide an island crossing facility at the A5 Edgware Road/Geron Way junction

*Improve the A5 Edgware Road/Geron Way junction as part of S73 highway works (BXCDP)*

**Section DH PS5**

**Oxgate Gardens to (and including) the entrance to Gladstone Park via Coles Green Road and Dollis Hill Lane**

**General Description:**

Absence of directional signage along Oxgate Gardens

**Recommendation for Improvement:**

*Provide directional signage along Oxgate Gardens and Coles Green Road*

Section DH PS6 and PS7 do not include any recommendations for improvements.

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Colindale Town Centre (CD TC)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.4 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section CD TC PS1</b>
<b>A41 Subway to Renters Avenue/Hendon Park entrance junction via Renters Avenue</b>
<b>General Description:</b>
Poor footway surfacing on Renters Avenue Absence of dropped kerbs and tactile paving on Renters Avenue and at subway entrance Absence of directional signage at the subway and along Renters Avenue No CCTV in subway
<b>Recommendation for Improvement:</b>
Reinstate footway surfacing along Renters Avenue Provide dropped kerbs and tactile paving at Renters Avenue <i>Provide directional signage at the Prince Charles Drive/Shirehall Lane/Haley road/Cooper road roundabout and along Renters Avenue</i> <i>Provide CCTV in subway</i>

<b>Section CD TC PS2</b>
<b>Hendon Park to West View (including Queens Road crossing)</b>
<b>General Description:</b>

<p>Absence of corduroy paving steps and directional signage on footbridge over railway line as well as poor surfacing</p> <p>Poor surfacing and overgrown foliage present on footbridge over railway line</p> <p>Absence of directional signage within Hendon Park and on approach to West View</p> <p>Poorly aligned dropped kerbs at the uncontrolled crossing on Queen's Road</p>
<b>Recommendation for Improvement:</b>
<p><i>Provide corduroy paving steps and directional signage on footbridge over railway line</i></p> <p><i>Improve surfacing and cut back overgrown foliage present on footbridge over railway line</i></p> <p><i>Provide directional signage within Hendon Park</i></p> <p><i>Provide directional signage on approach to West View</i></p> <p><i>Provide toucan crossing on Queen's Road</i></p>

<b>Section CD TC PS3</b>
<b>West View (shared cycle/footway) to (and including) the A41 Watford Way/Greyhound Hill/Aerodrome Road junction via Church Road, Church End and Greyhound Hill</b>
<b>General Description:</b>
<p>Poor surfacing and inadequate lighting along the W View shared cycle/footway</p> <p>Overgrown foliage on W View adjacent to lighting units</p> <p>Absence of directional signage on Church Road as well as to the subway passing underneath the A41 Watford Way/Greyhound Hill/Aerodrome Road junction</p> <p>Build out with priority narrowing for pedestrians along W View at Brampton Grove</p>
<b>Recommendation for Improvement:</b>
<p><i>Improve surfacing and lighting along the W View shared cycle/footway</i></p> <p><i>Cutback overgrown foliage on W View adjacent to lighting units</i></p> <p><i>Provide directional signage on Church Road and to the subway passing underneath the A41 Watford Way/Greyhound Hill/Aerodrome Road junction</i></p> <p>Build out with priority narrowing for pedestrians along W View at Brampton Grove</p>

Section CD TC PS4 does not include any recommendations for pedestrian improvements.



## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Colindale LU Station (CD LUS)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.4 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section CD LUS PS1</b>
<b>Sturgess Park to (and including) the Sturgess Avenue/Dallas Road junction via Sturgess Avenue</b>
<b>General Description:</b>
Absence of directional signage within Sturgess Park and at the Sturgess Avenue/Dallas Road junction  Poor condition of kerbing and absence of tactile paving at the two Sturgess Avenue/Riverside junctions and the Sturgess Avenue/Dallas Road junction  Tree root damage to footways on Sturgess Avenue
<b>Recommendation for Improvement:</b>
Provide directional signage within Sturgess Park and at the Sturgess Avenue/Dallas Road junction  Improve dropped kerbs and install tactile paving at the Sturgess Avenue/Riverside junction and the Sturgess Avenue/Dallas Road junction  Reinstate footways where tree root damage has occurred on Sturgess Avenue

<b>Section CD LUS PS2</b>
<b>Dallas Road to (and including) the A504 Station Road/Algernon Road junction via Mount Road, Vicarage Road and Algernon Road</b>
<b>General Description:</b>
Absence of directional signage at the Dallas Road/Park Road junction, the Mount Road/Vicarage Road junction and at the A504 Station Road/Algernon Road junction

<p>Absence of directional signage along Mount Road</p> <p>Absence of directional signage to and from West Hendon/Broadway/Cool Oak Lane at the Park Road/Dallas Road Junction</p> <p>Absence of tactile paving at the Dallas Road/Park Road junction, the Mount Road/Vicarage Road junction, the access to the community centre on Algernon Road, the Algernon Road/Montagu Road junction and at the A504 Station Road/Algernon Road junction</p>
<b>Recommendation for Improvement:</b>
<p><i>Provide directional signage at the Dallas Road/Park Road junction</i></p> <p><i>Provide directional signage at the Mount Road/Vicarage Road junction and at the A504 Station Road/Algernon Road junction</i></p> <p><i>Provide directional signage along Mount Road</i></p> <p><i>Provide directional signage to and from West Hendon/Broadway/Cool Oak Lane at the Park Road/Dallas Road Junction</i></p> <p><i>Provide tactile paving at the Dallas Road/Park Road junction</i></p> <p><i>Provide tactile paving at the Mount Road/Vicarage Road junction, the access to the community centre on Algernon Road, the Algernon Road/Montagu Road junction and at the A504 Station Road/Algernon Road junction</i></p>

<b>Section CD LUS PS3</b>
<b>A504 Station Road to Colindale LU Station via Herbert Road, A5 West Hendon Broadway, A5 Edgware Road, Rookery Way, Rushgrove Avenue, Crossway, Rushgrove Park, A5150 Colindeep Lane, Sheaveshill Avenue and Colindale Park</b>
<b>General Description:</b>
<p>Bus stops HE and M on the A504 Station Road contain unsuitably short benches and have no live bus information available</p> <p>Excessive distance between the bus shelter and flag at bus stop HE on the A504 Station Road</p> <p>Absence of directional signage and CCTV at Hendon station</p> <p>Footpath widths along Station Road contain pinch points</p> <p>Absence of tactile paving at Hendon Station approach road and Algernon Road</p> <p>Absence of directional signage at Algernon Road/Station Road junction</p> <p>The pedestrian crossing is unsuitable along Station Road</p> <p>Absence of shared footway/cycleway on south side of Station Road, across corner onto Algernon Road</p>
<b>Recommendation for Improvement:</b>
<p>Provide live bus information and longer benches at bus stops HE and M on the A504 Station Road</p> <p>Reduce the distance between the bus shelter and flag at bus stop HE on the A504 Station Road</p> <p><i>Provide directional signage and CCTV at Hendon station</i></p>

*Install directional signage at Algernon Road/Station Road junction*

Remove pedestrian pinch point on approach to station

Install tactile paving at Hendon Station approach road and Algernon Road

*Provide toucan crossing along to Station Road to replace the existing crossing*

*Install shared footway/cycleway on south side of Station Road, across corner onto Algernon Road*

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to West Hendon (W HEN)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.5 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section W HEN PS1</b>
<b>Sturgess Park to (and including) the Sturgess Avenue/Dallas Road junction via Sturgess Avenue</b>
<b>General Description:</b>
Absence of directional signage within Sturgess Park and at the Sturgess Avenue/Dallas Road junction  Poor condition of kerbing and absence of tactile paving at the two Sturgess Avenue/Riverside junctions and the Sturgess Avenue/Dallas Road junction  Tree root damage to footways on Sturgess Avenue
<b>Recommendation for Improvement:</b>
Provide directional signage within Sturgess Park and at the Sturgess Avenue/Dallas Road junction  Improve dropped kerbs and install tactile paving at the Sturgess Avenue/Riverside junction and the Sturgess Avenue/Dallas Road junction  Reinstate footways where tree root damage has occurred on Sturgess Avenue

<b>Section W HEN PS2</b>
<b>Dallas Road to (and including) the A504 Station Road/Algernon Road junction via Mount Road, Vicarage Road and Algernon Road</b>
<b>General Description:</b>
Absence of directional signage at the Dallas Road/Park Road junction, the Mount Road/Vicarage Road junction and at the A504 Station Road/Algernon Road junction

Absence of directional signage along Mount Road

Absence of directional signage to and from West Hendon/Broadway/Cool Oak Lane at the Park Road/Dallas Road Junction

Absence of tactile paving at the Dallas Road/Park Road junction, the Mount Road/Vicarage Road junction, the access to the community centre on Algernon Road, the Algernon Road/Montagu Road junction and at the A504 Station Road/Algernon Road junction

**Recommendation for Improvement:**

*Provide directional signage at the Dallas Road/Park Road junction*

*Provide directional signage at the Mount Road/Vicarage Road junction and at the A504 Station Road/Algernon Road junction*

*Provide directional signage along Mount Road*

*Provide directional signage to and from West Hendon/Broadway/Cool Oak Lane at the Park Road/Dallas Road Junction*

*Provide tactile paving at the Dallas Road/Park Road junction*

*Provide tactile paving at the Mount Road/Vicarage Road junction, the access to the community centre on Algernon Road, the Algernon Road/Montagu Road junction and at the A504 Station Road/Algernon Road junction*

## Pedestrian Route Analysis and Recommendations

### Brent Cross to Hendon Central (HC)

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.6 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section HC PS1</b>
<b>Sturgess Park to (and including) the Park Road/Fairfield Avenue junction via Sturgess Avenue and Park Road</b>
<b>General Description:</b>
Absence of directional signage within Sturgess Park and along Park Road Poorly aligned dropped kerbs and absence of tactile paving at the Sturgess Avenue/Park Road junction and the Park Road/Fairfield Avenue junction
<b>Recommendation for Improvement:</b>
<i>Provide directional signage within Sturgess Park and along Park Road</i> <i>Realign dropped kerbs and install tactile paving at the Sturgess Avenue/Park Road junction and the Park Road/Fairfield Avenue junction</i>

<b>Section HC PS2</b>
<b>Fairfield Avenue to (and including) the Vivian Avenue/Allington Road/Alderton Crescent junction via Allington Road</b>
<b>General Description:</b>
Absence of directional signage along Allington Road and at the Vivian Avenue/Allington Road/Alderton Crescent junction Absence of tactile paving at the Allington Road/Elliott Avenue junction, the Allington Road/Graham Road junction and the Vivian Avenue/Allington Road/Alderton Crescent junction

<b>Recommendation for Improvement:</b>
<i>Provide directional signage along Allington Road</i> <i>Provide directional signage at the Vivian Avenue/Allington Road/Alderton Crescent junction</i> Install tactile paving at the Allington Road/Elliot Avenue junction and the Allington Road/Graham Road junction <i>Install tactile paving at the Vivian Avenue/Allington Road/Alderton Crescent junction</i>

<b>Section HC PS3</b>
<b>Vivian Avenue to Hendon Central station via Queen's Road</b>
<b>General Description:</b>
No live bus information available at bus stop D on Vivian Avenue Absence of bus route map at bus stop D on Vivian Avenue No pedestrian phase on the Vivian Avenue arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing No toucan crossing present on the Queen's Road arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing Absence of directional signage and CCTV at the A41 Hendon Way/Vivian Avenue/Queen's Road subway (northern arm of the junction), as well as outside Hendon Central LU station
<b>Recommendation for Improvement:</b>
Provide live bus information at bus stop D on Vivian Avenue Provide a bus route map at bus stop D on Vivian Avenue <i>Include a pedestrian phase on the Vivian Avenue arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing (subject to feasibility)</i> <i>Provide a toucan crossing on the Queen's Road arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing</i> <i>Provide a pedestrian countdown on the toucan crossing on the Queen's Road arm of the A41 Hendon Way/Vivian Avenue/Queen's Road</i> <i>Provide directional signage at the A41 Hendon Way/Vivian Avenue/Queen's Road subway (northern arm of the junction) and outside Hendon Central LU station</i> <i>Upgrade A41 (south side) crossing to a Toucan crossing and provide appropriate links to the crossing (subject to capacity assessment and feasibility)</i>

## Pedestrian Route Analysis and Recommendations

### Brent Cross to Hendon Town Centre Residential Road Route (HTC RRR)

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.7 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section HTC RRR PS1</b>
<b>Sturgess Park to (and including) the Park Road/Fairfield Avenue junction via Sturgess Avenue and Park Road</b>
<b>General Description:</b>
Absence of directional signage within Sturgess Park and along Park Road Poorly aligned dropped kerbs and absence of tactile paving at the Sturgess Avenue/Park Road junction and the Park Road/Fairfield Avenue junction
<b>Recommendation for Improvement:</b>
<i>Provide directional signage within Sturgess Park and along Park Road</i> <i>Realign dropped kerbs and install tactile paving at the Sturgess Avenue/Park Road junction and the Park Road/Fairfield Avenue junction</i>

<b>Section HTC RRR PS2</b>
<b>Fairfield Avenue to (and including) the Vivian Avenue/Allington Road/Alderton Crescent junction via Allington Road</b>
<b>General Description:</b>
Absence of directional signage along Allington Road and at the Vivian Avenue/Allington Road/Alderton Crescent junction Absence of tactile paving at the Allington Road/Elliot Avenue junction, the Allington Road/Graham Road junction and the Vivian Avenue/Allington Road/Alderton Crescent junction



<b>Recommendation for Improvement:</b>
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<i>Provide directional signage along Allington Road</i>
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<i>Provide directional signage at the Vivian Avenue/Allington Road/Alderton Crescent junction</i>
---

Install tactile paving at the Allington Road/Elliot Avenue junction and the Allington Road/Graham Road junction
---

Install tactile paving at the Vivian Avenue/Allington Road/Alderton Crescent junction
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<b>Section HTC RRR PS3</b>
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<b>Vivian Avenue to Hendon Central station via Queen's Road</b>
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<b>General Description:</b>
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No live bus information available at bus stop D on Vivian Avenue
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Absence of bus route map at bus stop D on Vivian Avenue
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No pedestrian phase on the Vivian Avenue arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing
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No toucan crossing present on the Queen's Road arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing
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Absence of directional signage and CCTV at the A41 Hendon Way/Vivian Avenue/Queen's Road subway (northern arm of the junction), as well as outside Hendon Central LU station
--

<b>Recommendation for Improvement:</b>
--

Provide live bus information at bus stop D on Vivian Avenue
---

Provide a bus route map at bus stop D on Vivian Avenue
--

<i>Include a pedestrian phase on the Vivian Avenue arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing (subject to feasibility)</i>
--

<i>Provide a toucan crossing on the Queen's Road arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing</i>
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<i>Provide a pedestrian countdown on the toucan crossing on the Queen's Road arm of the A41 Hendon Way/Vivian Avenue/Queen's Road</i>
---

<i>Provide directional signage at the A41 Hendon Way/Vivian Avenue/Queen's Road subway (northern arm of the junction) and outside Hendon Central LU station</i>
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<i>Upgrade A41 (south side) crossing to a Toucan crossing and provide appropriate links to the crossing (subject to capacity assessment and feasibility)</i>
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<b>Section HTC RRR PS4</b>
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<b>Wykeham Road to (and including) the Brampton Grove/A502 junction</b>
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Section HTC RRR PS4 does not include any recommendations for pedestrian improvements.

<b>Section HTC RRR PS5</b>
<b>A502 to the A502/A504 junction</b>
<b>General Description:</b>
Absence of pedestrian countdown at the A502 at the A502/A504 junction
<b>Recommendation for Improvement:</b>
Provide a pedestrian countdown along across A502 at the A502/A504 junction

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Hendon Town Centre Main Road Route (HTC MRR)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.7 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section HTC MRR PS1</b>
<b>Brent Cross Shopping Centre to subway under A41</b>
<b>General Description:</b>
Absence of directional signage and CCTV as well as inadequate lighting along the footpath between the shopping centre and the A41 Hendon Way and in the subway under the A41 Absence of Corduroy paving on subway steps on access to subway under A41
<b>Recommendation for Improvement:</b>
Improve lighting and provide directional signage and CCTV along the footpath between the shopping centre and the A41 Hendon Way Improve lighting and provide directional signage and CCTV in the subway under the A41 Provide corduroy paving on subway steps on access to subway under A41

<b>Section HTC MRR PS2</b>
<b>A41 Hendon Way to (and including) the A41 Hendon Way/Vivian Avenue/Queen's Road junction</b>
<b>General Description:</b>
No live bus information available at the northbound (CA) or southbound (Beaufort Gardens) bus stops on the A41 Hendon Way Inadequate lighting and absence of bus route map at the southbound (Beaufort Gardens) bus stop on the A41 Hendon Way

No pedestrian phase on the Vivian Avenue arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing

No toucan crossing present on the Queen's Road arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing

Absence of directional signage and CCTV on both sides of the A41 Hendon Way/Vivian Avenue/Queen's Road subway (northern arm of the junction)

**Recommendation for Improvement:**

Provide live bus information at the northbound (CA) and southbound (Beaufort Gardens) bus stops on the A41 Hendon Way

Improve lighting and provide a bus route map at the southbound (Beaufort Gardens) bus stop on the A41 Hendon Way

*Include a pedestrian phase on the Vivian Avenue arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing (subject to feasibility)*

*Provide a toucan crossing on the Queen's Road arm of the A41 Hendon Way/Vivian Avenue/Queen's Road signalised crossing*

*Provide directional signage and CCTV on both sides of the A41 Hendon Way/Vivian Avenue/Queen's Road subway (northern arm of the junction)*

*Upgrade A41 (south side) crossing to a Toucan crossing and provide appropriate links to the crossing (subject to capacity assessment and feasibility)*

*Provide wayfinding information along the A41*

**Section HTC MRR PS3**

**Queen's Road to (and including) the Queen's Road/Wykeham Road junction**

**General Description:**

No live bus information available at bus stop A on Queen's Road

Absence of tactile paving at the Queen's Road/Wykeham Road junction

**Recommendation for Improvement:**

Provide live bus information at bus stop A on Queen's Road

*Install tactile paving at the Queen's Road/Wykeham Road junction*

**Section HTC MRR PS4**

**Queen's Road to (and including) the Uncontrolled Crossing at the W View Shared Cycle/Footway**

**General Description:**

Absence of directional signage and poorly aligned dropped kerbs at the uncontrolled crossing on Queen's Road

<b>Recommendation for Improvement:</b>
<i>Provide directional signage, realign dropped kerbs</i>
<i>Provide Toucan crossing on Queen's Road</i>

<b>Section HTC MRR PS5</b>
<b>Queens Road (West of the W View Shared Cycle/Footway) To A502A502/Brampton Road junction</b>
Section HTC MRR PS5 does not include any recommendations for pedestrian improvements.

<b>Section HTC MRR PS6</b>
<b>A502 to the A502/A504 junction</b>
<b>General Description:</b>
Absence of pedestrian countdown on the A502 at the A502/A504 junction
<b>Recommendation for Improvement:</b>
Provide pedestrian countdown at A502 at the A502/A504 junction

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Temple Fortune (TF)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference:  
47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.8 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section TF PS1 (within redline boundary)</b>
<b>Prince Charles Drive to Brent Cross LU station</b>
<b>General Description:</b>
Absence of directional signage at Brentfield Gardens/Highfield Avenue junction as well as outside of Brent Cross LU Station and along the A41/A406 footbridge including at each
Absence of live bus information at bus stops P, Q and R
No tactile paving provided at the Brentfield Gardens/Highfield Avenue junction, the Hamilton Road junction or at the access to the station
Deficiency of pedestrian way finding signage at each end of the footpath along the A41
No route map available within the bus shelter at bus stop P
No pedestrian crossing provided across Highfield Avenue within the vicinity of Brent Cross LU station
Lighting inadequate along Highfield Avenue underneath the railway line
No lighting or CCTV provided along the footbridge underneath the A41/A406
The footbridge underneath the A41 and A406 is in need of maintenance
<b>Recommendation for Improvement:</b>
<i>Provide directional signage along Brentfield Gardens, at Brentfield Gardens/Highfield Avenue junction as well as outside of Brent Cross LU Station</i>
<i>Provide directional signage at each end of the A41/A406 footbridge and in the centre</i>
<i>Provide live bus information at bus stops P, Q and R</i>
<i>Install tactile paving at the Brentfield Gardens/Highfield Avenue junction, the Hamilton Road</i>

junction and at the access to the station

*Provide a new footway link from Prince Charles Drive to footbridge underneath A41 with lighting and directional signage*

Provide a route map within the bus shelter at bus stop P

Provide a pedestrian crossing across Highfield Avenue and traffic calming within the vicinity of Brent Cross LU Station

*Provide additional lighting along Highfield Avenue underneath the railway bridge*

*Provide lighting along the A41/A406 footbridge*

*Provide lighting along Brentfield Gardens footway*

*Provide CCTV along the A41/A406 footbridge*

*Paint and provide general improvements to the footbridge underneath the A41 and over A406*

## **Section TF PS2**

**Highfield Avenue to (and including) the A598 Finchley Road/Hallswelle Road junction via Golders Green Road, Highfield Road, Leaside Crescent, Oakfields Road, Cranbourne Gardens and Hallswelle Road**

### **General Description:**

Inadequate directional signage along section

Potential conflict between pedestrians and cyclists along the link between Highfield Road and Leaside Crescent and along the alleyway opposite Hallswelle Road

No crossing facilities available across Leaside Crescent and Hallswelle Road

No tactile paving on Heathfield Gardens, Western Avenue, St. Marys Road and The Drive side roads

### **Recommendation for Improvement:**

*Provide directional signage at the Highfield Avenue/Golders Green Road junction, along Golders Green Road, at the Golders Green Road/Highfield Road junction, along Highfield Road, along Oakfields Road, along Hallswelle Road and at the A598 Finchley Road/Hallswelle Road junction*

*Provide a segregated cycle/footway along the link between Highfield Road and Leaside Crescent and along the alleyway opposite Hallswelle Road with associated lining/signage*

Provide crossing facilities across Leaside Crescent and Hallswelle Road

**Provide tactile paving across all side road junctions (Heathfield Gardens, Western Avenue, St. Marys Road and The Drive)**

Section TF PS3 does not include any recommendations for pedestrian improvements.

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Brent Cross LU (BCLU)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.9 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section BCLU PS1 (within redline boundary)</b>
<b>Prince Charles Drive to Brent Cross LU station</b>
<b>General Description:</b>
Absence of directional signage at Brentfield Gardens/Highfield Avenue junction as well as outside of Brent Cross LU Station and along the A41/A406 footbridge including at each  Absence of live bus information at bus stops P, Q and R  No tactile paving provided at the Brentfield Gardens/Highfield Avenue junction, the Hamilton Road junction or at the access to the station  Deficiency of pedestrian way finding signage at each end of the footpath along the A41  No route map available within the bus shelter at bus stop P  No pedestrian crossing provided across Highfield Avenue within the vicinity of Brent Cross LU station  Lighting inadequate along Highfield Avenue underneath the railway line  No lighting or CCTV provided along the footbridge underneath the A41/A406  The footbridge underneath the A41 and A406 is in need of maintenance
<b>Recommendation for Improvement:</b>
<i>Provide directional signage along Brentfield Gardens, at Brentfield Gardens/Highfield Avenue junction as well as outside of Brent Cross LU Station</i>  <i>Provide directional signage at each end of the A41/A406 footbridge and in the centre</i>  <i>Provide live bus information at bus stops P, Q and R</i>  <i>Install tactile paving at the Brentfield Gardens/Highfield Avenue junction, the Hamilton Road junction and at the access to the station</i>  <i>Provide a new footway link from Prince Charles Drive to footbridge underneath A41 with lighting and directional signage</i>



Provide a route map within the bus shelter at bus stop P

Provide a pedestrian crossing across Highfield Avenue and traffic calming within the vicinity of Brent Cross LU Station

*Provide additional lighting along Highfield Avenue underneath the railway bridge*

*Provide lighting along the A41/A406 footbridge*

*Provide lighting along Brentfield Gardens footway*

*Provide CCTV along the A41/A406 footbridge*

*Paint and provide general improvements to the footbridge underneath the A41 and over A406*

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Childs Hill (CH)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.10 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section CH PS1</b>
<b>Purbeck Drive (from Clitterhouse Playing fields) to (and including) the Cotswold Gardens/Purbeck Drive junction</b>
<b>General Description:</b>
Absence of directional signage at the entrance to Clitterhouse Playing Fields Absence of CCTV at the entrance to Clitterhouse Playing Fields Absence of dropped kerbs and tactile paving at the northern Purbeck Drive approach and the eastern Cotswold Gardens approach to the Cotswold Gardens/Purbeck Drive junction
<b>Recommendation for Improvement:</b>
<i>Install directional signage at the entrance to Clitterhouse Playing Fields</i> <i>Provide CCTV at the entrance to Clitterhouse Playingfields</i> <i>Provide dropped kerbs and install tactile paving at the northern Purbeck Drive approach and eastern Cotswold Gardens approach to the Cotswold Gardens/Purbeck Drive junction</i>

<b>Section CH PS2</b>
<b>Cotswold Gardens to (and including) The Vale/Wayside junction via Pennine Drive, Basing Hill Park and Wayside</b>
<b>General Description:</b>
Absence of directional signage along Cotswold Gardens, at the Cotswold Gardens/Pennine Drive junction, at both northern entry gates to Basing Hill Park, along Wayside and at the Wayside/The

<p>Vale junction</p> <p>Absence of tactile paving at the Cotswold Gardens/Pennine Drive junction, the Basing Hill Park/Wayside junction and the Vale/Wayside junction</p> <p>Pedestrian crossing across Pennine Drive at Hendon Way/Pennine Drive junction does not include a pedestrian phase, a rotating cone or audible information</p> <p>Pedestrian delay at crossing on Hendon Way (south) at Hendon Way/Pennine Drive junction</p> <p>No pedestrian crossing across A41 (north) approach to Pennine Drive junction</p> <p>No live bus arrival information at bus stops M and N on Pennine Drive</p> <p>Absence of information (including opening hours and a map) at the two northern entrances to Basing Hill Park (Hendon Way entrance and Wayside entrance)</p> <p>Absence of dropped kerbs and island crossing facility at The Vale/Wayside junction and The Vale/Granville Road junction</p>
<p><b>Recommendation for Improvement:</b></p>
<p><b>Install directional signage along Cotswold Gardens and at the Cotswold Gardens/Pennine Drive junction</b></p> <p>Install directional signage at both northern entrances to Basing Hill Park, along Wayside and at the Wayside/ The Vale junction</p> <p><b>Install tactile paving at the Cotswold Gardens/Pennine Drive junction</b></p> <p>Install tactile paving at the Basing Hill Park/Wayside junction</p> <p><b>Upgrade the crossing at Hendon Way/Pennine Drive junction to a toucan crossing with audible signals which will provide pedestrians with increased priority and shorten the pedestrian delay</b></p> <p><b>Provide a controlled pedestrian crossing across Pennine Drive and Hendon Way (north) at Hendon Way/Pennine Drive junction</b></p> <p>Install live bus arrival information at bus stops M and N on Pennine Drive</p> <p>Provide information (including opening hours and a map) at the two northern entrances to Basing Hill Park (Hendon Way entrance and Wayside entrance)</p> <p>Install informal island crossing (with dropped kerb and tactile paving) at the The Vale/Wayside junction and The Vale/Granville Road and junction (subject to existing driveways)</p>

<p><b>Section CH PS3</b></p>
<p><b>The Vale to Childs Hill via Granville Road, Nant Road, Crewys Road and the A407 Cricklewood Lane</b></p>
<p><b>General Description:</b></p>
<p>Absence of dropped kerbs and island crossing facility at The Vale/Granville Road junction</p> <p>Absence of directional signage at The Vale/Granville Road junction and along Granville Road</p> <p>Absence of tactile paving at The Vale/Granville Road junction</p>
<p><b>Recommendation for Improvement:</b></p>

*Install directional signage at The Vale/Granville Road and along Granville Road*

Install tactile paving at The Vale/Granville Road junction

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Golders Green (GG)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.11 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section GG PS1</b>
<b>Purbeck Drive (from Clitterhouse Playing fields) to (and including) the Cotswold Gardens/Purbeck Drive junction</b>
<b>General Description:</b>
Absence of directional signage at the entrance to Clitterhouse Playing Fields Absence of CCTV at the entrance to Clitterhouse Playing Fields Absence of dropped kerbs and tactile paving at the northern Purbeck Drive approach and the eastern Cotswold Gardens approach to the Cotswold Gardens/Purbeck Drive junction
<b>Recommendation for Improvement:</b>
<i>Install directional signage at the entrance to Clitterhouse Playing Fields</i> <i>Provide CCTV at the entrance to Clitterhouse Playingfields</i> <i>Provide dropped kerbs and install tactile paving at the northern Purbeck Drive approach and eastern Cotswold Gardens approach to the Cotswold Gardens/Purbeck Drive junction</i>

<b>Section GG PS2</b>
<b>Cotswold Gardens to (and including) The Vale/Wayside junction via Pennine Drive, Basing Hill Park and Wayside</b>
<b>General Description:</b>
Absence of directional signage along Cotswold Gardens, at the Cotswold Gardens/Pennine Drive junction, at both northern entry gates to Basing Hill Park, along Wayside and at the Wayside/The

<p>Vale junction</p> <p>Absence of tactile paving at the Cotswold Gardens/Pennine Drive junction, the Basing Hill Park/Wayside junction and the Vale/Wayside junction</p> <p>Pedestrian crossing across Pennine Drive at Hendon Way/Pennine Drive junction does not include a pedestrian phase, a rotating cone or audible information</p> <p>Pedestrian delay at crossing on Hendon Way (south) at Hendon Way/Pennine Drive junction</p> <p>No pedestrian crossing across A41 (north) approach to Pennine Drive junction</p> <p>No live bus arrival information at bus stops M and N on Pennine Drive</p> <p>Absence of information (including opening hours and a map) at the two northern entrances to Basing Hill Park (Hendon Way entrance and Wayside entrance)</p> <p>Absence of dropped kerbs and island crossing facility at The Vale/Wayside junction and The Vale/Granville Road junction</p>
<p><b>Recommendation for Improvement:</b></p>
<p><b>Install directional signage along Cotswold Gardens and at the Cotswold Gardens/Pennine Drive junction</b></p> <p>Install directional signage at both northern entrances to Basing Hill Park, along Wayside and at the Wayside/ The Vale junction</p> <p><b>Install tactile paving at the Cotswold Gardens/Pennine Drive junction</b></p> <p>Install tactile paving at the Basing Hill Park/Wayside junction</p> <p><b>Upgrade the crossing at Hendon Way/Pennine Drive junction to a toucan crossing with audible signals which will provide pedestrians with increased priority and shorten the pedestrian delay</b></p> <p><b>Provide a controlled pedestrian crossing across Pennine Drive and Hendon Way (north) at Hendon Way/Pennine Drive junction</b></p> <p>Install live bus arrival information at bus stops M and N on Pennine Drive</p> <p>Provide information (including opening hours and a map) at the two northern entrances to Basing Hill Park (Hendon Way entrance and Wayside entrance)</p> <p>Install informal island crossing (with dropped kerb and tactile paving) at the The Vale/Wayside junction and The Vale/Granville Road and junction (subject to existing driveways)</p>

<p><b>Section GG PS3</b></p>
<p><b>The Vale to Golders Green LU station via Hodford Road and the A502 Golders Green Road</b></p>
<p><b>General Description:</b></p>
<p>Absence of a bus cage, bus shelter, route maps and live bus arrival information at both the westbound and eastbound bus stops on The Vale</p> <p>Absence of directional signage along The Vale, at Hodford Road/Golders Green Road junction and Golders Green Road</p>
<p><b>Recommendation for Improvement:</b></p>

Provide a bus cage, bus shelter, route maps and live bus arrival information at both the westbound and eastbound bus stops on The Vale

Provide directional signage along The Vale, at Hodford Road/Golders Green Road junction and Golders Green Road

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Cricklewood FCC Station / Town Centre (CW)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.12 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section CW PS1</b>
<b>Brent Terrace to (and including) the A407/Claremont Road/Litchfield Road junction via Claremont Road</b>
<b>General Description:</b>
Inadequate lighting along Brent Terrace and Claremont Road No directional signage at the Brent Terrace/Claremont Road Junction and at the A407/Claremont Road/Lichfield Road junction Absence of tactile paving at Somerton Road/Claremont Road junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting along Brent Terrace and Claremont Road</i> <i>Provide directional signage at the Brent Terrace/Claremont Road junction and at the A407/Claremont Road/Lichfield Road junction</i> <i>Install tactile paving at Somerton Road/Claremont Road junction</i>



## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Kilburn (KB)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.13 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section KB PS1</b>
<b>Brent Terrace to (and including) the A407/Claremont Road/Litchfield Road junction via Claremont Road</b>
<b>General Description:</b>
Inadequate lighting along Brent Terrace and Claremont Road No directional signage at the Brent Terrace/Claremont Road Junction and at the A407/Claremont Road/Lichfield Road junction Footway is worn and ponding occurs at the Brent Terrace/Claremont Road junction Absence of tactile paving at Somerton Road/Claremont Road junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting along Brent Terrace and Claremont Road</i> <i>Provide directional signage at the Brent Terrace/Claremont Road junction and at the A407/Claremont Road/Lichfield Road junction</i> <i>Install tactile paving at Somerton Road/Claremont Road junction</i>

<b>Section KB PS2</b>
<b>The A407 after the A407/Claremont Road/Litchfield Road junction and the A407/A5 Cricklewood Broadway/Chichele Road junction (including the junction)</b>

<b>General Description:</b>
Pedestrians are delayed for a prolonged period at the A407/A5 Cricklewood Broadway/Chichele Road junction
<b>Recommendation for Improvement:</b>
Provide pedestrians with increased priority by reducing phase delay at the A407/A5 Cricklewood Broadway/Chichele Road junction

<b>Section KB PS3</b>
<b>The A5 Cricklewood Broadway to (and including) the A5 Shoot-Up-Hill/Mill Lane junction</b>
<b>General Description:</b>
<p>Pedestrians are delayed for prolonged periods at the crossing to the south of the A5/Yew Grove junction as well as at the crossing to the south of the A5/Ebbsfleet Road junction</p> <p>No live bus information available at bus stops BL, BF, BH, BJ and BK</p> <p>Absence of bus shelter, seating or route maps at bus stop BK</p> <p>Absence of bench within the bus shelter at bus stop BJ</p> <p>Bus stop BK is poorly positioned due to limited footway width</p> <p>No tactile paving is provided at the hotel accesses</p> <p>Absence of directional signage along the A5</p>
<b>Recommendation for Improvement:</b>
<p>Provide pedestrians with increased priority by reducing phase delay at the crossing to the south of the A5/Yew Grove junction and at the crossing to the south of the A5/Ebbsfleet Road junction</p> <p>Provide live bus information at bus stops BL, BF, BH, BJ and BK</p> <p>Provide a bus shelter, seating and route maps at bus stop BK</p> <p>Relocate bus stop BK to a more suitable location upstream or downstream</p> <p>Provide a bench within the bus shelter at stop BJ</p> <p>Install tactile paving at the hotel accesses</p> <p>Provide directional signage along the A5</p>

<b>Section KB PS4</b>
<b>A5 Shoot-Up-Hill/Mill Lane junction to Kilburn LU Station</b>
<b>General Description:</b>
No tactile paving is provided at St Cuthberts/ Shoot-up Hill (A5) junction
<b>Recommendation for Improvement:</b>

Install tactile paving at St Cuthberts/ Shoot-up Hill (A5) junction

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to Willesden Green (WG)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.14 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section WG PS1</b>
<b>Brent Terrace to (and including) the A407/Claremont Road/Litchfield Road junction via Claremont Road</b>
<b>General Description:</b>
Inadequate lighting along Brent Terrace and Claremont Road No directional signage at the Brent Terrace/Claremont Road Junction and at the A407/Claremont Road/Lichfield Road junction Footway is worn and ponding occurs at the Brent Terrace/Claremont Road junction Absence of tactile paving at Somerton Road/Claremont Road junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting along Brent Terrace and Claremont Road</i> <i>Provide directional signage at the Brent Terrace/Claremont Road junction and at the A407/Claremont Road/Lichfield Road junction</i> <i>Install tactile paving at Somerton Road/Claremont Road junction</i>

<b>Section WG PS2</b>
<b>The A407 after the A407/Claremont Road/Litchfield Road junction and the A407/A5 Cricklewood Broadway/Chichele Road junction (including the junction)</b>
<b>General Description:</b>
Pedestrians are delayed for a prolonged period at the A407/A5 Cricklewood Broadway/Chichele Road junction

<b>Recommendation for Improvement:</b>
Provide pedestrians with increased priority by reducing phase delay at the A407/A5 Cricklewood Broadway/Chichele Road junction

<b>Section WG PS3</b>
<b>The A407 Chichele Road to Willesden Green LU Station via the A407 Walm Lane</b>
<b>General Description:</b>
Bench absent from bus shelter at bus stop CX Bus shelter, seating and route maps absent from bus stop CA No live bus information available at bus stops A, B and CA Absence of tactile paving at the junctions with St Gabriels Road and Teignmouth Road, as well as at the car park entrance situated to the north of Willesden Green LU station Absence of directional signage along the A407 Chichele Road including at the junctions with Stanley Gardens and Rockhall Road
<b>Recommendation for Improvement:</b>
Provide a bench within the bus shelter at bus stop CX Provide a bus shelter, seating and route maps at bus stop CA Provide live bus information at bus stops A, B and CA Install tactile paving at the junctions with St Gabriels Road and Teignmouth Road, as well as at the car park entrance situated to the north of Willesden Green LU station <i>Provide directional signage along Chichele Road</i>

## **Pedestrian Route Analysis and Recommendations**

### **Brent Cross to West Hampstead (WHamp)**

A route analysis of this pedestrian route is provided below. The route has been separated into several 'Pedestrian Sections' (PS). A general description of each section and recommended improvements are provided for each section. With regards to the improvements:

- Those improvements shown in 'red' text are those that are considered to integrate the development into existing networks.
- Those improvements shown in 'blue' text are those that are to be provided as part of other Brent Cross Cricklewood Regeneration Scheme works.
- Those improvements shown in 'black' text denote 'potential improvements for consideration by local authorities' identified as part of the PERS/ CERS work.

A route network map with annotated sections is provided in drawing reference: 47066786/AWWCS/005 Rev 0.

The PERS audit results along with photos of the route are provided in Section 3.15 of the PERS and CERS Findings report (document reference: 47065005-TP-RPT-033 Rev 02).

<b>Section WHamp PS1</b>
<b>Brent Terrace to (and including) the A407/Claremont Road/Litchfield Road junction via Claremont Road</b>
<b>General Description:</b>
Inadequate lighting along Brent Terrace and Claremont Road No directional signage at the Brent Terrace/Claremont Road Junction and at the A407/Claremont Road/Lichfield Road junction Footway is worn and ponding occurs at the Brent Terrace/Claremont Road junction Absence of tactile paving at Somerton Road/Claremont Road junction
<b>Recommendation for Improvement:</b>
<i>Improve lighting along Brent Terrace and Claremont Road</i> <i>Provide directional signage at the Brent Terrace/Claremont Road junction and at the A407/Claremont Road/Lichfield Road junction</i> <i>Install tactile paving at Somerton Road/Claremont Road junction</i>

<b>Section WHamp PS2</b>
<b>The A407 after the A407/Claremont Road/Litchfield Road junction and the A407/A5 Cricklewood Broadway/Chichele Road junction (including the junction)</b>
<b>General Description:</b>
Pedestrians are delayed for a prolonged period at the A407/A5 Cricklewood Broadway/Chichele Road junction

<b>Recommendation for Improvement:</b>
Provide pedestrians with increased priority by reducing phase delay at the A407/A5 Cricklewood Broadway/Chichele Road junction

<b>Section WHamp PS3</b>
<b>The A5 Cricklewood Broadway to (and including) the A5 Shoot-Up-Hill/Mill Lane junction</b>
<b>General Description:</b>
<p>Pedestrians are delayed for prolonged periods at the crossing to the south of the A5/Yew Grove junction as well as at the crossing to the south of the A5/Ebbsfleet Road junction</p> <p>No live bus information available at bus stops BL, BF, BH, BJ and BK</p> <p>Absence of bus shelter, seating or route maps at bus stop BK</p> <p>Absence of bench within the bus shelter at bus stop BJ</p> <p>Bus stop BK is poorly positioned due to limited footway width</p> <p>No tactile paving is provided at the hotel accesses</p> <p>Absence of directional signage along the A5</p>
<b>Recommendation for Improvement:</b>
<p>Provide pedestrians with increased priority by reducing phase delay at the crossing to the south of the A5/Yew Grove junction and at the crossing to the south of the A5/Ebbsfleet Road junction</p> <p>Provide live bus information at bus stops BL, BF, BH, BJ and BK</p> <p>Provide a bus shelter, seating and route maps at bus stop BK</p> <p>Relocate bus stop BK to a more suitable location upstream or downstream</p> <p>Provide a bench within the bus shelter at stop BJ</p> <p>Install tactile paving at the hotel accesses</p> <p>Provide directional signage along the A5</p>

<b>Section WHamp PS4</b>
<b>Mill Lane to West Hampstead Station via Sumatra Road</b>
<b>General Description:</b>
<p>Absence of tactile paving at the courtyard entrances adjacent to the /Mill Lane/Fordwych Road junction</p> <p>Absence of directional signage along Mill Lane between the Mill Lane/Shoot-up Hill (A5) junction and the Mill Lane/Fordwych Road junction, at the Mill Lane/Fordwych Road junction, along Mill lane between Ravenshaw Street/Mill Lane junction and the Broomsleigh Street/Mill Lane junction and along Sumatra Road</p>

<b>Recommendation for Improvement:</b>
<p>Install tactile paving at the courtyard entrances adjacent to the Mill Lane/Fordwych Road junction</p> <p><i>Install directional signage along Mill Lane between the Mill Lane/Shoot-up Hill (A5) junction and the Mill Lane/Fordwych Road junction, and at the Mill Lane/Fordwych Road junction</i></p> <p><i>Install directional signage along Mill lane between Ravenshaw Street/Mill Lane junction and the Broomsleigh Street/Mill Lane junction and along Sumatra Road</i></p>



**APPENDIX C LONDON BOROUGH OF BRENT PROPOSED ROUTES TO INTEGRATE INTO  
DEVELOPMENT**

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**Claremont Road to Willesden  
Green Cycle Route**  
Distance: 1.81km



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1:10000

20 April  
2015

0 0.2 0.4 kilometres



Brent



# **Brent Cross Shopping Centre to Neasden Cycle Route** Distance: 3.87km



Off-road path entrance to Cool Oak Lane



A5 West Hendon Broadway between Cool Oak Lane and Park Road



Existing path through Welsh Harp



Junction of Blackbird Hill and Birchen Grove



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0 0.25 0.5 kilometres

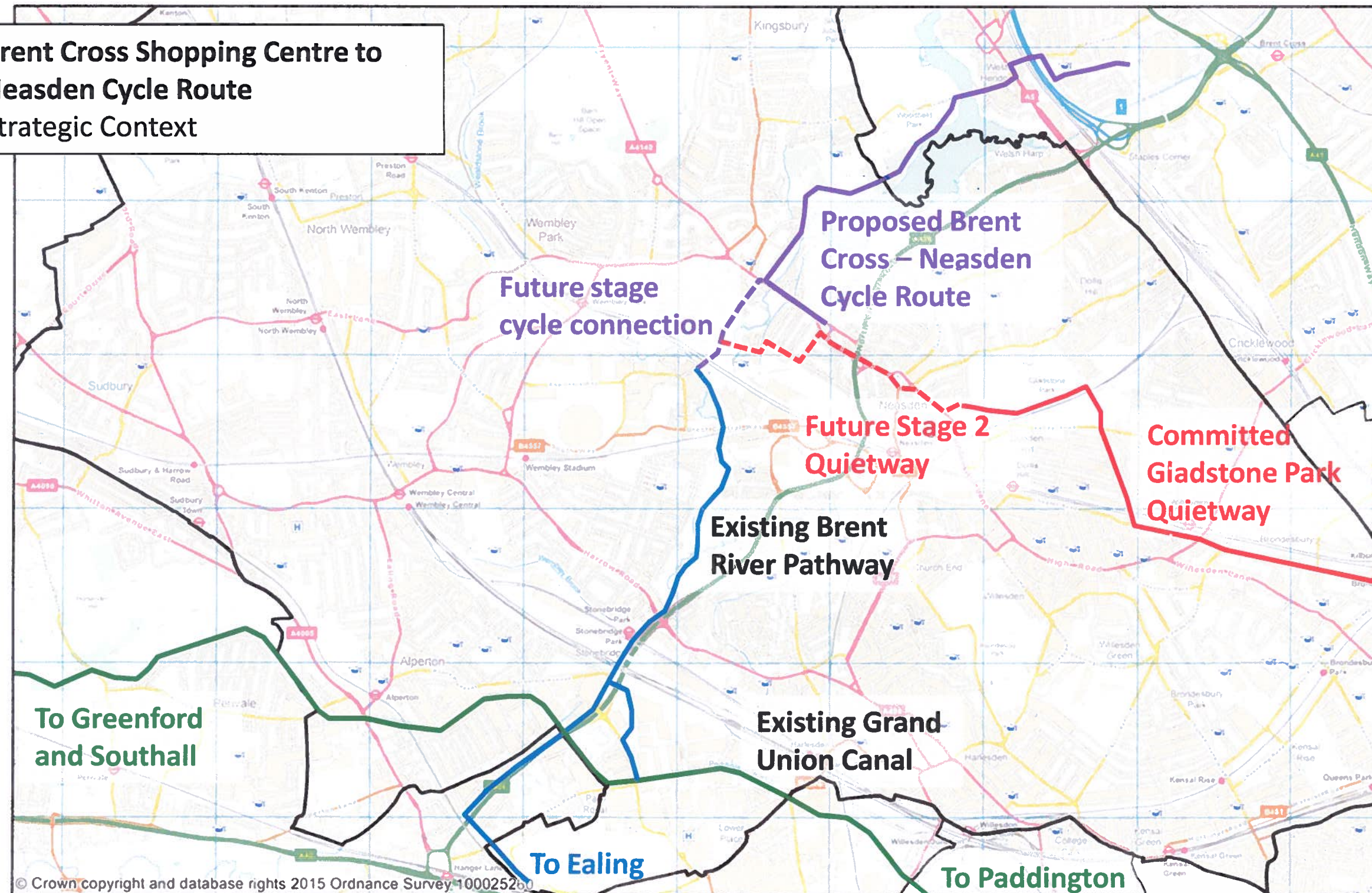
1:15000

20 April 2015





**Brent Cross Shopping Centre to  
Neasden Cycle Route  
Strategic Context**



1:35000

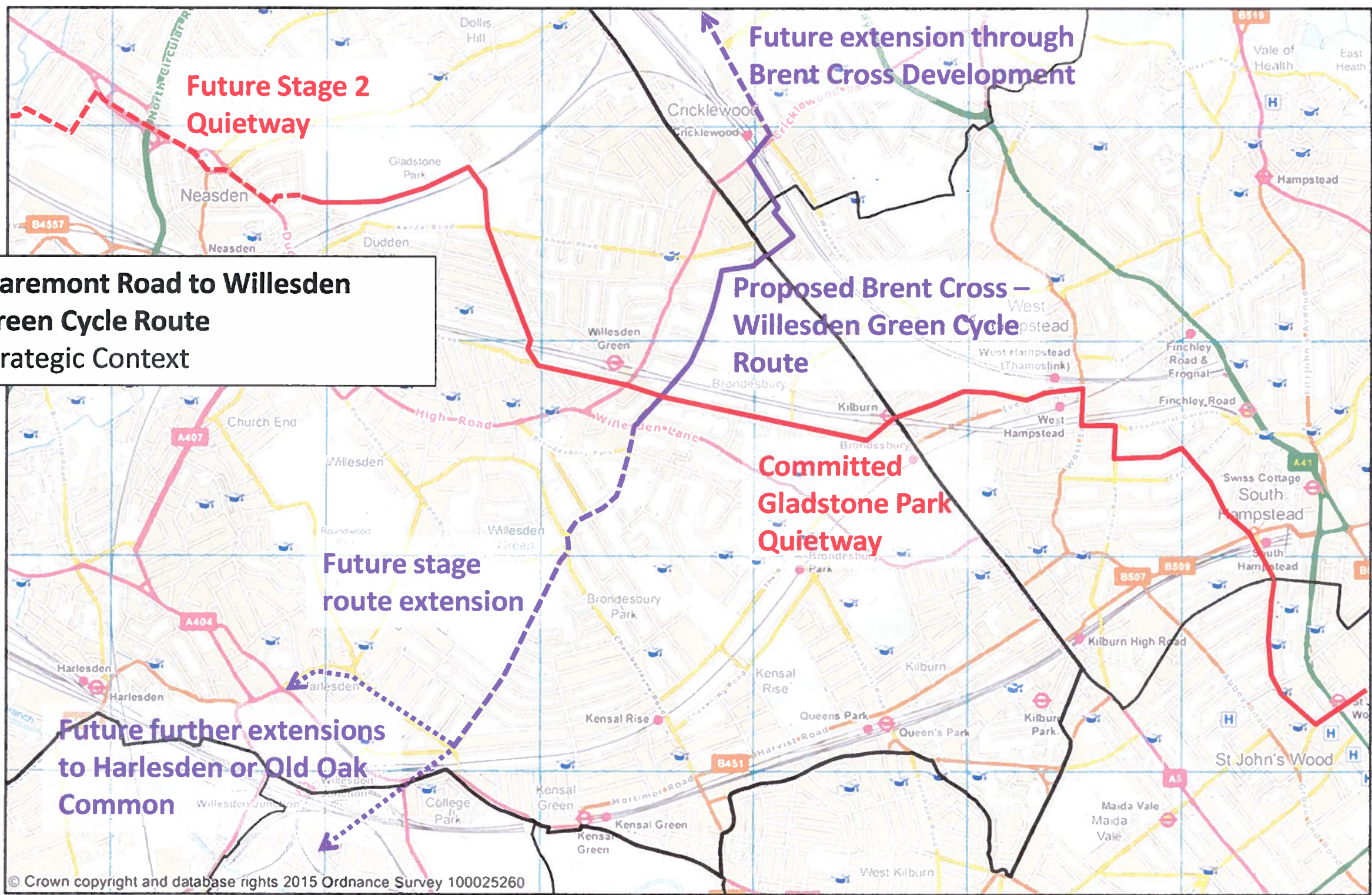
20 April  
2015

0 0.5 1 kilometres





**Claremont Road to Willesden  
Green Cycle Route  
Strategic Context**



1:25000

20 April  
2015

0 0.5 1 kilometres



Brent