Cycle Skills Network Audit - Merton



For: London Borough of Merton



By: Transport Initiatives LLP



September 2012

Cycle Skills Network Audit - Merton

Final Draft Report

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1. Summary

1.1 Background

In April 2012 Transport Initiatives was commissioned by London Borough of Merton Council to carry out a **Cycle Skills Network Audit** (CSNA) of the whole borough.

A CSNA is a detailed survey of all roads and motor traffic free paths in an area, to assess the skill level needed to cycle on them in relative safety. These are classified using a system based on the three core levels of the National Standard for Cycle Training (Bikeability). A summary of the CSNA methodology is set out in Appendix B.

All pedestrian crossings on roads identified as higher than Level 2 in the audit are also classified using the same criteria.

1.2 Deliverables

Three main outputs were set for the study. These were:

- 1. Data collected to be recorded as layers (tables) on Mapinfo GIS and provided to the council in digital form. This includes the following
 - a. All roads and tracks colour coded by audit level
 - b. All crossings of roads above Level 2 identified, colour coded by audit level and labelled with a unique reference, with photos of all crossings named using the same unique reference and supplied on a USB drive. A schedule of crossings is contained in Appendix C.
- 2. A brief report (i.e. this document) setting out the findings and giving any other information that could not be included in the mapping output. This would be accompanied by plans showing the findings (see Figure 1 below). Transport Initiatives would also identify any immediate issues that affect cycle accessibility in the borough, including hazards such as road defects.
- 3. A supplementary report setting out views on five key cycle corridors in Merton (listed below). Appendix A includes brief assessments of these corridors.
 - A. Merton High Street extension to Cycle Superhighway
 - B. Railway Path (Wimbledon to Raynes Park)
 - C. Green Lane (Worcester Park Morden)
 - D. Colliers Wood to Beddington Lane
 - E. New Malden to Wimbledon via Raynes Park

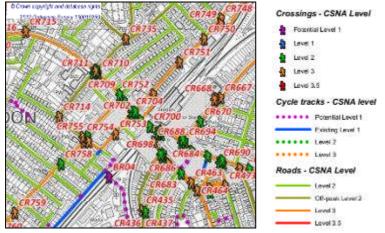


Figure 1: Extract from CSNA for central Wimbledon

2. Cycle Skills Network Audit (CSNA)

2.1 Background

As stated above the CSNA is a detailed survey of an area's roads and motor traffic free paths to assess the skill level needed to cycle on them in relative safety. These are classified using a system based on the three core levels of the National Standard for Cycle Training (Bikeability), listed below.

Level 1 – Beginner

The cyclist has the skills and understanding to be able to make a trip and undertake activities safely in a motor traffic free environment and as a pre-requisite to a road trip

Level 2 - Introduction to Riding on the Road

The cyclist has the skills and understanding to be able to make a trip safely to school, work or for leisure on quiet roads

Level 3 - Advanced

The cyclist has the skills and understanding to be able to make a trip safely to school, work or leisure on busy roads and using complex junctions and road features

For the CSNA these have been used as the basis for seven levels of classification:

Level	Type of route	Suitability for cycle
		network
Potential Level 1	Motor traffic free off-carriageway routes where either: i. cycling is not permitted or ii. Cycling is not possible due to physical restrictions (e.g. barriers) or lack of adequate surfacing.	Potentially suitable for cycle route network
Level 1	Motor traffic free off-carriageway routes where cycling is permitted, plus a small number of "home-zone" type streets with minimal, calmed traffic. NB not all cycle tracks alongside roads will be Level 1.	Suitable for <i>cycle route</i> network
Level 2	Roads or lengths of a road on which a cyclist who has achieved Bikeability Level 2 can cycle and carry out all manoeuvres. Cycle tracks & other paths which require a degree of attention equivalent to that needed on a Level 2 road (e.g. shared-use footways crossing frequent side roads or private accesses)	Suitable for <i>advisory</i> and <i>cycle route</i> networks
Off-peak Level 2	Roads or lengths of road that during off-peak periods have the characteristics described for Level 2 above. During peak traffic periods they have the characteristics described for Level 3 below. Peaks may be related to rush hour traffic or other specific reasons such as traffic to schools.	Not suitable for <i>advisory</i> network. Suitable for a <i>cycle route</i> network only where alterations are made.
Level 3	Roads or lengths of road on which a cyclist who has achieved Bikeability Level 3 (through training or experience) can cycle and carry out all manoeuvres. Cycle tracks which require a degree of attention equivalent to that needed on a Level 3 road	Not suitable for <i>advisory</i> network. Suitable for a <i>cycle route</i> network only where alterations are made.
Level 3.5	Roads or lengths of road where level of risk is a barrier to even the most competent and experienced cyclists.	Not suitable for advisory or cycle route networks
Level 4	Private roads or lengths of a road where access is restricted (usually these would be Level 2 if public roads)	Not suitable for <i>advisory</i> network or for <i>cycle route</i> network

All pedestrian crossings on roads classified higher than Level 2 (i.e. off-peak Level 2, Level 3 and Level 3.5) are also classified using similar criteria. These comprise both crossings which cyclists can currently use while cycling (e.g. Toucan crossings) and those where they must dismount (e.g. Zebra crossings). The latter are designed for pedestrian use and hence are assessed from the perspective of a dismounted cyclist wheeling a bicycle.

There are five levels of classification used for crossings.

Level	Type of crossing	Suitability for cycle network
Potential Level 1	Motor traffic free (grade-separated) crossing where either: i. cycling is not permitted or ii. cycling is not possible due to physical restrictions (e.g. steps)	Potentially suitable for cycle route network
Level 1	Motor traffic free (grade-separated) crossing where cycling is permitted,	Suitable for <i>advisory</i> and <i>cycle route</i> networks
Level 2	Crossings suitable for a cyclist who has achieved Bikeability Level 2, either cycling or dismounted as appropriate	Suitable for <i>advisory</i> and <i>cycle route</i> networks
Level 3	Crossings suitable for only for a cyclist who has achieved Bikeability Level 3, either cycling or dismounted as appropriate	Not suitable for <i>advisory</i> network. Suitable for a <i>cycle route</i> network only where alterations are made.
Level 3.5	Crossings where level of risk is a barrier to even the most competent and experienced cyclists, whether cycling or dismounted	Not suitable for <i>advisory</i> or <i>cycle route</i> network

Level 3.5 crossings are very rare. At these crossings the level of risk is so high that their use is not considered advisable. None were found during this study.



Level 2 crossing being used by dismounted cyclist

3. CSNA - Plans and Findings

To accompany the final version of this report LB Merton have been provided with a link to a shared online web space containing the digitised mapping tables on which the following plans are based. These have been developed using Mapinfo ® GIS software.

The data used to develop the mapping was supplied by Merton Council under the Public Service Mapping Agreement with Ordnance Survey. It comprises the OS Master Map® Integrated Transport Network (ITN) layer containing the road network, plus the ITN Urban Paths theme which includes man-made footpaths, subways, steps, footbridges and cycle paths in all urban areas of Britain over 5 km².

Summaries and plans of the information included in the digital files are shown below.

3.1 Overall findings

The five plans below show the overall finding of the CSNA (without crossings to assist legibility). There is some overlap in the plans.

Note that pdf versions of these plans both with and without crossings have also been produced and provided separately to LB Merton. These are at a higher resolution than the versions below which should not be used for detailed assessment.

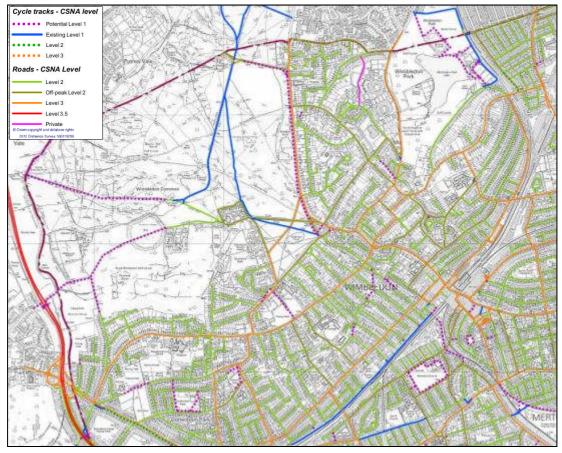


Figure 2: Wimbledon (north west of borough – not to scale)

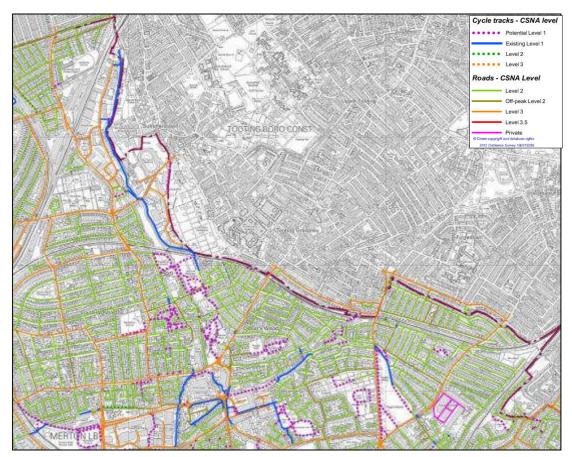


Figure 3: Colliers Wood (north east of borough – not to scale)



Figure 4: Raynes Park (south west of borough – not to scale)

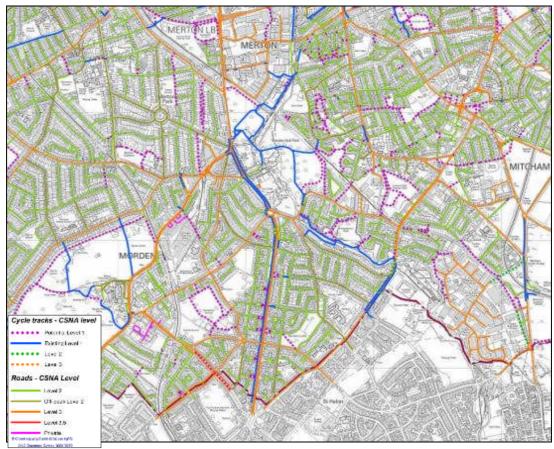


Figure 5: Morden (south of borough – not to scale)

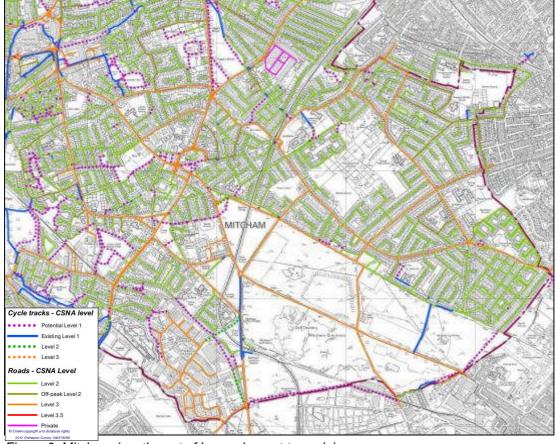


Figure 6: Mitcham (south east of borough – not to scale)

3.2 Roads

Approximately 431km of roads were surveyed across the borough. Table 1 shows lengths of roads in each classification. It should be noted that these figures are approximate since some sections of dual carriageway have been measured in both directions (due to Ordnance Survey's method of recording roads).

Level	Length (km)
2	243.4
Off-peak Level 2	43.1
3	131.5
3.5	10.8
4 (private)	2.1

Table 1: Approximate length of roads by CSNA Level

Figure 7 below shows an overview of the CSNA classification for all roads in the borough. As might be expected, the majority of main roads (A and B roads) are classified Level 3 as are a number of other distributors. The only road classified as Level 3.5 is the A3 (NB the apparent classification of the section west of Raynes Park as Level 2 is due to the combination of parallel minor roads and rendering issues).

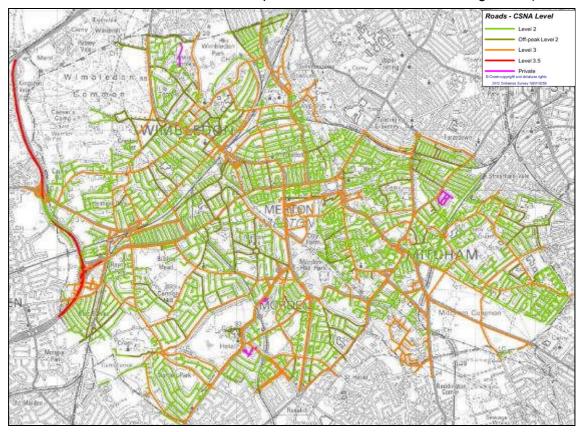


Figure 7: Roads overview (not to scale)

However, in common with virtually all urban areas which have been the subject of a CSNA, the predominant classification is Level 2. This is generally true across the borough.

In terms of barriers the major A roads form the greatest barrier to cycling for less confident cyclists. However, the levels of cycling witnessed on these during the survey show that they do not act as a deterrent to a considerable number of more confident cyclists. In the main these will be cyclists trained to Level 3 or who have developed skills at this level through their cycling experience.

While these roads may be busy, in some locations cycle infrastructure and pedestrian crossings enable moderately confident cyclists to travel through junctions, where they will feel most at risk, with reasonable ease. However these are infrequent and do not provide a coherent network suitable for cyclists without Level 3 training or experience.

3.3 Tracks

Figure 8 below gives an overview of the motor traffic free paths in the borough. The assessment of these includes both paths/tracks that can be cycled legally (Level 1) and footpaths which might provide useful links for dismounted cyclists wheeling their bicycles (potential Level 1). This category also includes paths where cycling is permitted, but the condition of the surface makes it difficult for all but dedicated all terrain bicycles. An example is the track on the west of Wimbledon Common.

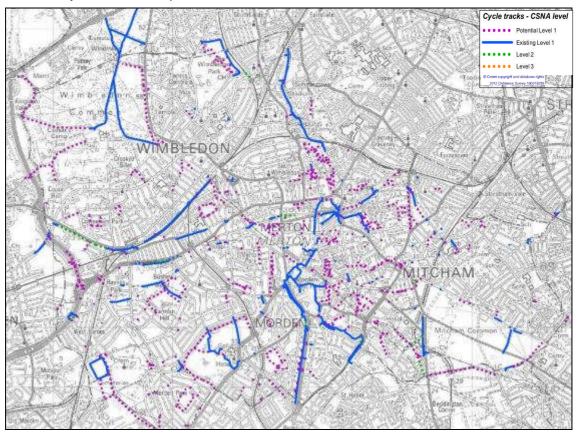


Figure 8: Tracks overview (not to scale)

The starting point for the audit of paths and tracks was the OS Urban Paths layer. This database contains a substantial number of paths, so much so that it would not have been possible to inspect all of these on site. However, many could be eliminated quickly, as a desk-based inspection showed they would give no particular advantage, except possibly to those living by them (e.g. alleyways to the rear of rows of terraced housing, and other paths with restricted access).

Table 2 shows the lengths in each classification, combining appropriate paths from the Urban Paths layer and tracks surveyed by Transport Initiatives. Over 89km of paths and tracks were surveyed.

Level	Length (km)
Potential Level 1	55.6
1	31.0
2	2.7

Table 2: Length of paths by CSNA Level

It must be stressed that the classification of a path as Potential Level 1 does not automatically mean that we recommend that cycling should be permitted or that works should be carried out. As noted above, these paths provide useful links for **dismounted** cyclists. They commonly fall into the category denoted on TfL's cycle maps in purple with the notation "Pedestrian only route which connects cycling sections – you must dismount as cycling is not permitted at any time".

However, the schedule of paths classified as Potential Level 1 would be useful as the starting point for a programme of investigation of future routes for cycling. Whether or not it might be possible for these paths to be suitable for cycling will depend on a number of factors, and would have to be addressed on a case by case basis.

All told some considerable advantage can be gained by cyclists from using a number of the paths available in the borough. In particular, the permission to cycle on many paths in parks in Merton provides considerable advantage to cyclists. It also shows that cyclists and other park users can coexist quite amicably, a lesson which might well be shared with other bodies responsible for open spaces in the borough. This was confirmed by repeated observation during the survey.

The network of cycleable paths in the Morden Hall Park area is particularly good, although some sections have rough surfaces and hence may be less attractive in darkness and in winter. This is a common issue with off road paths, not unique to Merton.

Compared with other CSNA surveys carried out by Transport Initiatives, Merton does not have a particularly high level of off-road cycling provision. However, there is plenty of opportunity to improve this by increasing access to many useful link paths in the borough. This would require addressing the restrictions (for all users) caused by the prevalence of staggered barriers on these paths, discussed later in this report.

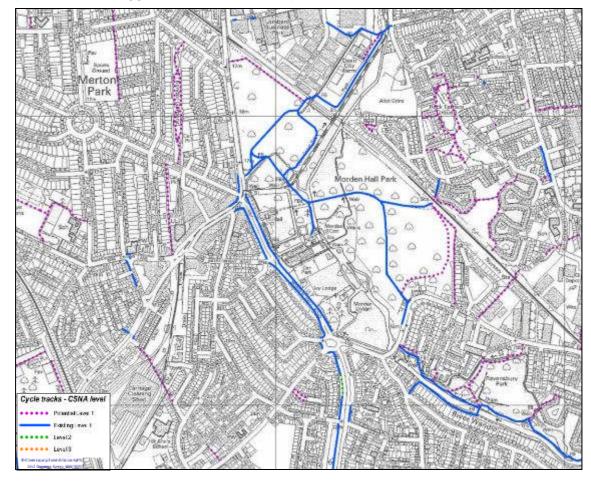


Figure 9: Tracks in Morden Hall Park & surrounding area (not to scale)

3.4 Crossings

Figure 10 gives an overview of the pedestrian and cycle crossings on roads classified higher than Level 2 in the borough, plus crossings of railways and tramways.

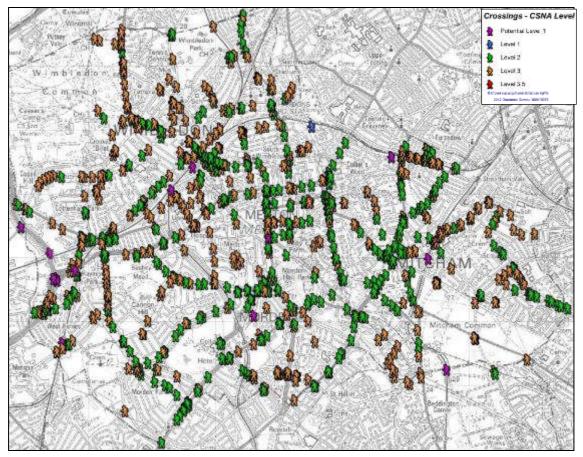


Figure 10: Crossings overview (not to scale)

Pedestrian crossings are surveyed in a CSNA because they can often provide a safe link which cyclists with Level 2 skills can use on foot to gain access between sections of road classed Level 2. Used this way they can help reduce the barriers that roads classed above Level 2 create for less confident cyclists.

However, only crossings that actually exist can be assessed. The survey does not consider where crossings would be useful but are not provided. Further deeper analysis of the CSNA findings would allow the council to build a picture of where new crossing provision, or improvements in existing provision, could best be provided.

In all, 10 railway bridges and 886 road crossings were assessed (the latter include tramway crossings as they are at grade). Table 3 shows road crossings at each level.

The proportion of road crossings assessed as Level 1 or 2 was 47.4%. This is relatively low and can usefully be compared to the figures for Southwark (73.5%) and Camden (87%, the highest we have assessed in London). This figure gives a rough idea of the overall quality of pedestrian crossing provision.

Level	Number
0	7
1	1
2	419

3	459

Table 3: Road crossings by CSNA Level

Table 4 lists the different types of road and tramway crossings with subcategories. A full schedule of crossings is provided in Appendix B.

Туре	Sub-category (if any)	Number
At grade tramway crossing		7
Cycle phase		1
Cycle phase	with refuge(s)	2
Cycle/pedestrian phase		4
Cycle/pedestrian priase	with refuge or island	11
Dropped kerb (one side only)		6
Dropped kerb (one side only)	with build-out - cycles only	1
		184
	cycles only	1
Dropped kerbs (both sides of road)	shared cycles/pedestrians	4
	at raised table	1
	with build-out(s)	14
	with build-outs - shared cycle/pedestrian	1
		218
	cycles only	1
Dropped kerbs with refuge or island	shared cycle/pedestrian	4
-	with build-out(s)	5
	with refuge & island	4
		40
	at tramway crossing	2
	on raised table	3
Pedestrian phase	with island(s)	61
·	with refuge	24
	with refuge & island(s)	12
	diagonal across cross-roads (no dropped kerbs)	1
	and general access and a complete many	2
Pedestrian/cycle phase	with island	1
Pegasus (Puffin type)		1
Tagarata (Camara) page		24
	at raised table	4
	with build-out(s)	6
Pelican	with refuge or island	12
	with refuge & build-outs	1
	with refuge at raised table	1
	With relage at raised table	15
	with build-outs	1
Puffin	with refuge or island	2
	with refuge at raised table	
	With refuge at raised table	35
Paised table at junction	with huild out(a)	
Raised table at junction	with build-out(s)	5
Daired table innetice	with refuge	8
Raised table junction		13
Raised table	with haild parts	25
	with build-out(s)	9
	with refuge or island	13
	with refuge & build-outs	3
Signalled junction	with dropped kerbs only	5
	with refuge or island	10
Subway / tunnel	under road	7
•	under railway	1
Toucan		9

	Puffin type	6
	Puffin type with refuge	1
	with refuge or island	6
Zebra		16
	on raised table	5
	with build-outs	1
	with island	4
	with refuge	17
	with refuge & build-outs	1
	with refuge on raised table	3

Table 4: Types of road crossings

One concern is the high proportion of refuges or islands that are too narrow for dismounted cyclists to wait in them safely, i.e. 1.6m or less. At these crossings a cyclists cannot wait without part of the bicycle protruding into traffic. Normally crossings with refuges are classed as Level 2, but where refuges or islands are narrow these become Level 3. This includes a significant number of zebra and pelican crossings and signalled junctions (i.e. with no pedestrian phase). Such crossings are also unsuitable for wheelchair users and for parents with pushchairs or prams.

Two examples are shown below. Although there are traffic signals at CR842, the lack of a pedestrian phase combined with the narrow island means it is classified Level 3.



Crossing CR842: Grand Drive south of junction with Crossway, with narrow refuge



Crossing CR780: Cannon Hill Lane at junction with Kingston Road (NB no tactile paving)

4. Crossing issues and opportunities

4.1 Dropped kerbs

While not a formal part of the study, TI was aware that the provision and quality of dropped kerbs within the borough was of concern. Having carried out many CSNA studies we are very aware that while a CSNA is primarily designed to measure cycle accessibility, the inclusion of crossing does give us a very good idea of the overall quality of the pedestrian environment. Indeed we are usually struck with how poor this environment is, particularly for those with reduced mobility, wheelchair users, parents with prams and pushchairs and the elderly.

The most common issue we see while carrying out a CSNA is the lack of or poor quality of dropped kerbs. For cyclists poor or missing dropped kerbs are an inconvenience but for wheelchair users, parents with pushchairs and the elderly they can be the difference between making a journey or not.

Merton, in common with most other areas surveyed, has a mix of good and bad pedestrian public realm. Where new developments and infrastructure has been introduced the quality is on the whole very good (for example, on Copse Hill there is a crossing to a high standard at the development on the former hospital site, but other crossings of the same road are to a lower standard with much narrower refuges).

However, if the area next to a new development has poor or no adequate dropped kerbing pedestrian access to the good sections may be restricted for those with reduced mobility. The dropped kerbs at most of the crossings audited were adequate. Extreme exceptions are noted in the comments in the crossing schedule (Appendix 2). Some examples of poor kerbing at crossings are shown below.



Crossing CR142 Eastfields Road west of junction with Grove Road (by Mitcham Eastfields station)



Crossing CR447 Avebury Road junction with Merton Hall Road



Crossing CR607 Durnsford Road north of railway bridge



Crossing CR778 Merton Hall Road junction with Kingston Road **Dropped kerb on one side only or using driveway/access**



Crossing CR428 Prince Georges Road



Crossing CR445 Toynbee Road – paths on both side but only one dropped kerb



Crossing CR451 Merton Hall Road opposite junction with Henfield Road – end of cycle track but no crossing for pedestrians



Crossing CR638X Quicks Road west of Haydon's Road – dropped kerbs on footways but not island (also no tactile paving)

4.2 Tactile Paving

Although not directly relevant to cycling, we have recorded whether tactile paving is present at crossings. Nearly a third (31.5%) of the 885 road crossings assessed had either no tactile paving (265 crossings) or only partial provision (14). This is higher than in a number of other studies we have undertaken. However, as we have not collected this data in every previous audit we cannot say how representative this is.

The 14 crossings with partial tactile paving were generally missing it in a refuge or island. Where this is the case it will have been noted in the comments for that crossing (see Appendix B, Crossing Schedule).



Crossing CR382 Stonecot Hill service road south of junction with Tudor Drive



Crossing CR627 Haydon's Road junction with Merton High Street – tactiles on footways but not at refuge



Crossing CR890 Lower Morden Lane west of roundabout

4.3 Accessibility

There are a number of locations where accessibility for pedestrians and dismounted cyclists could be improved or is unnecessarily obstructed. Examples are shown below.



CR073 St Mark's Road junction with Baker Lane – crossing of raised table blocked by parking



CR125 Frinton Road outside school - crossing on raised table blocked by parking



CR753 St George's Road – crossing with dropped kerbs & wide island blocked by parking bay

4.4 Misaligned crossings

There are a number of locations where dropped kerbs at crossings are not sited directly opposite each other, which might cause problems for those crossing the road. Examples are shown below.



CR349 Middleton Road north of junction with Green Lane



CR536 Cottenham Park Road junction with Copse Hill – refuge not aligned with dropped kerbs on footway



CR788 David Lloyd Centre access road junction with Bushey Road – cycle track crossing not aligned with island (and bollard makes situation worse)

4.5 Narrow refuges

There are over 140 crossings with refuges of 1.6m or less wide, where dismounted cyclists cannot wait safely as bicycles protrude either side. These are also unsuitable for wheelchair users and people with pushchairs or prams. Examples are shown below.



Crossing CR373 Lower Morden Lane junction with Epsom Road (1.2m refuge in reservation)



Crossing CR507 Coombe Lane (1.2m refuge plus very narrow kerb between cycle track & road)



Crossing CR621 Waterside Way junction with Plough Lane (1.2m refuge, intended for shared use by cyclists and pedestrians!)

5. General issues and opportunities

5.1 Barriers on paths used by cyclists

Access for cyclists along a considerable number of cycle paths in Merton (or other paths where cycling is allowed) is often made significantly difficult by barriers. There are also very many locations where barriers have been installed in locations where it is not clear whether cycling is permitted. While one barrier might be sufficient to slow cyclists, most locations have two or even three.

These barriers also create major problems for pedestrians, especially those with impaired mobility or with pushchairs or prams. The effects on wheelchair users and other people with disabilities may be even more serious. It is arguable that barriers contravene the Equality Act 2010, successor to the Disability Discrimination Act (DDA).

It should be noted that there is no evidence that barriers have a greater effect on slowing cyclists than well designed and installed sets of bollards. Indeed in some cases they can actually make it more hazardous, for example by increasing the likelihood of a less experience cyclist losing control or catching their handlebars in the barriers. Examples of both these were observed during the survey.

There are many locations in the borough where barriers unnecessarily obstruct access. A small selection of examples is shown below – many more could have been chosen.



High Path: is such a severe barrier really necessary?



Morden Park - Epsom Road access point - note evidence of users going around barrier



Entrance to path off Fleming Mead (signed as cycle route)

5.2 Other barriers

In a number of locations road closures have been installed to achieve traffic management improvements, for example to stop rat running. Many of these have taken the form of locked gates, with gaps of left for cyclists. However these are often narrow or tortuous, and difficult to manoeuvres around or through.

In almost all the cases where gates have been used to create a road closure it would have equally possible to use one or more bollards. Indeed there are also many other locations where bollards have been used. There is no apparent difference between the sites which would make the use of gates advisable.



Very narrow shared use path, Love Lane - two bollards would work just as well

5.3 Surfacing and vegetation management

Many of the paths provided across parks in Merton where cycling is permitted have an unsealed (dust or gravel) surface. Understandably, there are locations where this is the only option for environmental or aesthetic reasons, for example Wimbledon Common. However there are many locations where the unsealed surface has led to major defects causing problems for cyclists and indeed other path users, especially in wet weather.

While funding may not permit these paths to be resurfaced in the near future, attention should be paid to any further deterioration which might reduce their usability even further. At the very least a regular inspection schedule should be set up and management of vegetation carried out to prevent the build-up of mulch and drainage problems.



NCN20, by Dean City Farm

In other locations such as the Railway Path (between Wimbledon and Raynes Park stations) there are other problems caused by encroaching vegetation blocking sightlines and causing a hazard due to shoots growing across the path. This is a particular problem at the Railway Path as it is already constrained in width.



Railway Path – brambles at eye level (and path surface damage)



River Wandle path - vegetation reducing visibility at bend



Well-maintained path, Wimbledon Common

5.4 Signing of cycle infrastructure

There are a number of locations in Merton with a reasonable density of cycle infrastructure. However, the signing of this is mixed. Where traffic free shared paths are in place there is often little or no signing to indicate where these start or finish. Even cyclists with local knowledge will find it difficult to locate their local paths.

Often the first indication of a path is a shared path sign (TSRGD Diag. 956) on a post or lamp column some distance after the start of a path. Cyclists who might use the facility may therefore fail to gain its full benefit. Lack of indication of path ends may also lead to cyclists continuing on the footway in locations that would cause hazard to pedestrians. Unclear signing and also encourages illegal footway cycling in other locations – if it is not clear where cycling is legal, there is a strong temptation to assume it is allowed in more locations than is actually the case.

The photographs below show some examples of poor path signing, including the shared use path along St Helier Avenue which has a high degree of inconsistent signing.



St Helier Avenue - segregated (white line) or not (sign)?



St Helier Avenue – cycling on left or right?



Pelican crossing of Morden Hall Road but treated as a Toucan

At the path along Church Road shown below there is only an indication, though marking, of any provision for cyclists travelling south from the junction with Phipps Bridge Road. Pedestrians crossing the road may not be aware that the path is for cycle use and indeed many prefer to use it in preference to the footway.



Start of separate footway and cycle track at Church Road



Figgs Marsh: shared, segregated or cycles only?

We would recommend that Merton uses this report to help review its policy for signing of motor traffic-free routes and cycling facilities and enforce this for new facilities once the review is complete.

There are many other issues regarding consistency and accuracy of existing signing, as shown in the final photograph below. We would therefore also recommend, following the review of signing policy already recommended above, the council should carry out an audit of all existing cycle signing and amend this to comply with any changes in policy.

"Cyclists Dismount" signs

There are many places where Cyclists Dismount signs are used contrary to guidance or where with a small amount of consideration a route could have been continued. A few examples can be seen below.



Morden Hall Road – dismount sign but markings indicate cycling allowed



Path by The Pickle - path continues around corner at same width



South Park Road – exemption from No Entry signing now permitted

5.5 Direction signing

As with other signing, cycle direction signing has been built up over many years and there are many inconsistencies.

We recommend that the council reviews its cycle direction signing policy and how this is implemented effectively and consistently. As part of the review it should carry out an audit of existing cycle signing and prepare a programme of works to ensure existing signing of facilities is consistent with the revised signing policy. A number of London boroughs have carried out similar reviews, such as Hounslow and Ealing.



North Road – excessive signing (and incorrect background colour)



Fig's Marsh - damaged (and unclear) signing

5. Conclusions

5.1 Existing situation

In general, provision for cycling in Merton could be described as patchy at best. While there are some good routes, they are generally discontinuous with links between them being of a lesser standard. There are also examples of poor provision, with some facilities offering so little benefit that their removal would actually improve cycling.

Signing is also generally poor, with inconsistent signs for facilities. The lack of a strategy for route signing is also apparent in the choices of route destinations shown on direction signs.

5.2 Potential

However we do believe that there is a great deal of potential for cycling in Merton. Our experience is that cycle trips across the borough can already be quick and convenient for those cyclists who are prepared to deal with existing road conditions. With a relatively small amount of work the provision for less experienced cyclists (i.e. those with Level 2 skills) could be increased significantly, by creating short links and improved crossings between areas with Level 2 roads. Some more intensive provision could then be added where required.

We feel that the best approach would be to develop an area to a high standard, or the rest of the borough.

Finally, in our surveying we encountered a wide range of existing cyclists. Their presence shows that people do cycle in Merton, from all backgrounds, and they should be used as role models to show the general public that cycling is something that can be done by normal people in normal clothes – or even very smart clothes, as can be seen on the front cover!



Mother & child using one of the cycle paths on Wimbledon Common

Appendix A Assessment of key corridors

Background

Transport Initiatives was asked by LB Merton to look at five key corridors where the council has aspirations for improved cycle provision, and make brief comments based on the CSNA. These are listed below and shown in Figure 11. The first three are the more immediate priorities for the council.

- A. Merton High Street extension to Cycle Superhighway
- B. Railway Path (Wimbledon to Raynes Park)
- C. Green Lane (Worcester Park Morden)
- D. Colliers Wood to Beddington Lane
- E. New Malden to Wimbledon via Raynes Park

The comments made below are based on a brief investigation of each corridor, carried out in conjunction with the CSNA. A full study of each corridor would be required in order to decide on what works are needed, if any, and the possible costs.

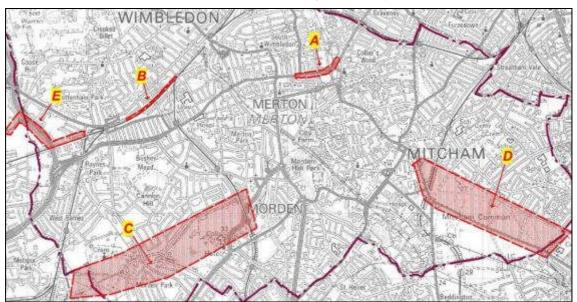


Figure 11 Key corridor areas

A. Merton High Street - extension to Cycle Superhighway

A combination of Cycle Hub funding, LIP funding and Mayor's Regeneration funding is envisaged to enable the extension of Cycle Super Highway 7 from Colliers Wood tube station to Haydons Road. The area is highlighted in red in Figure 12 below.

This corridor runs mainly along High Street Colliers Wood and Merton High Street, both Level 3 roads. There is limited scope for any alternative route alignments close to the corridor. Any route design will therefore have to run along the main roads and include measures to address the combination of parking and heavy traffic flow. Any measures to improve cycling along Merton High Street should also address the lack of provision through the closures at the southern end of four minor roads to the north.

It is likely that any feasible design will continue to be suitable for Level 3 cyclists only. A route suitable for Level 2 cyclists will require more significant measures such as removal of parking.

An alternative route alignment is possible to the north along Level 2 roads via Bygrove Road and South Road. This has potential for a more direct route towards Wimbledon. There is also some scope for a route through Wandle Park by allowing cycling on the existing paths (as in other parks in Merton). This could provide an alternative to the southern end of High Street Colliers Wood. However the benefits which might be provided by this are limited by the absence of any connections to the west of Wandle Bank between South Road and Merton High Street.



Figure 12 Corridor A - Merton High Street

By the retail park area west of The Pickle an existing path (part of the Wandle Trail) links two sections of existing cycle track. Cycling is not allowed on this path (centre photo on page 29) although it is wide enough to be converted to shared use. This path would also provide a link to the cycle parking area at Sainsbury's hypermarket.

Almost all of the minor roads north of Merton High Street are closed at their southern ends. Access for cyclists through these road closures is generally poor, the exception being the eastern end of Holmes Road where a short section of track links to a Toucan crossing (CR623). This provides a connection to the retail park entrance via a bridge across the River Wandle.



Toucan crossing CR623 across Merton High Street



Bridge across River Wandle & cycle parking, Sainsbury's Colliers Wood

Outline recommendations:

- i. Route to run along High Street Colliers Wood and Merton High Street, with appropriate measures
- ii. Convert path section along River Wandle (east of bridge) to shared use to link existing cycle tracks
- iii. Investigate suitability of routes through Wandle Park for cycle use to allow link to All Saint's Road

B. Railway Path (Wimbledon to Raynes Park)

This scheme was partially completed in 2011/12. Further work is envisaged between Wyke Road and Elm Grove. The area is highlighted in red in Figure 13 below.

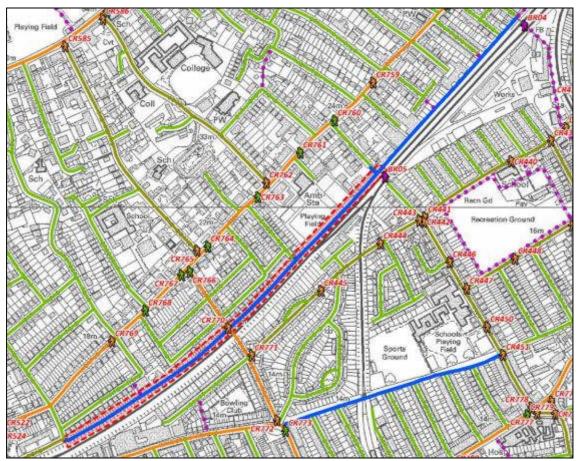


Figure 13 Corridor B - Railway Path

The path forms a very useful link between Raynes Park and Wimbledon, allowing less confident cyclists to avoid the busy Level 3 Worple Road. However it is consistently narrow along its whole length, with some sections being less than 1.4m between boundaries. There is also a considerable amount of encroaching vegetation as well as garden extensions, which have the effect of further narrowing the usable width. There has also been some damage to boundary fencing causing hazards to path users.



Damaged fencing, Railway Path

The path surface has a number of serious defects, including longitudinal cracks (see bottom photo, page 25). While work has been carried out to improve the northern section, the southern section (south of Elm Grove) is still poor.

The crossing of Lower Downs Road (CR770) is a significant barrier along the route. It is classified as Level 3, due to the combination of poor visibility, poorly aligned kerbs and lack of traffic control. This considerably reduces the benefit of the route for both cyclists and pedestrians. The position and alignment of gullies on both sides of Lower Downs Road are also poor



Crossing CR770 Railway Path / Lower Downs Road

There are only three crossings of the railway along the route. Lower Downs Road is the only at-grade crossing, but as with the crossing of the road itself it is very cycle unfriendly due to the narrow tunnel. The situation for pedestrians is not much better as the footway through the subway is also of very limited width, restricted further by the bollards along the carriageway edge.



Tunnel under railway, Lower Downs Road
The other two crossings are both footbridges (BR05 Elm Grove – Merton Hall Road and BR04 Alt Grove). Neither bridge has a wheeling ramp for bicycles.



BR04 Footbridge across railway crossing, Elm Grove

The western end of the path is at Wyke Road, classified as off-peak Level 2 due to the high level of parking along the road (presumably by commuters using Raynes Park station). This also obstructs both footways causing significant problems for pedestrians. Where the path joins Wyke Road there is poor visibility caused by the utility cabinet and overgrown vegetation, plus a hazardous gulley in the centre of the dropped kerb.



Southern end of Railway Path at Wyke Road, Raynes Park

Outline recommendations:

- i. Widen path as much as possible within the existing boundaries, and investigate possibility of moving railway boundary fence
- ii. Improve maintenance regime with regular cutting back of vegetation (possibly using volunteer path rangers) and attention to surface defects
- iii. Investigate options for improved crossing of Lower Downs Road signalised alternate way working through the tunnel would also allow the provision of a Toucan crossing
- iv. Improve conditions along Wyke Road investigate parking restrictions (probably along southern kerb), replace gulley grate at eastern end, clear vegetation and extend southern footway to junction with Pepys Road
- v. Investigate wheeling ramps at Elm Grove and Alt Grove footbridges

C. Green Lane (Worcester Park - Morden)

This corridor encompasses the route between Worcester Park and Morden town centre. The area is highlighted in red in Figures 14 and 15 below.

A comprehensive study would be required to investigate measures to be implemented on the roads and paths along the route. The comments below are limited to general observations on the current situation, followed by outline recommendations to be considered as part of a future study.

We understand that the scheme could compliment cycle improvements to the A24 that TfL currently has programmed from 2012/13 (published for consultation in October 2012). Collaborative working will also be needed with London Borough of Sutton at the western end of the route.

The route can be divided into four broad sections:

- Green Lane Lower Morden Lane (off-road)
- Lower Morden Lane (on-road)
- Morden Park (off-road)
- Morden Park Morden town centre (on-road)

Green Lane - Morden Park

This section runs from Green Lane Primary School (in Sutton) to Morden Park. The Sutton section of Green Lane is a cul-de-sac with a rough unsealed surface east of the

school as far as a track heading north. It continues eastward as a rough surfaced path as far as the borough boundary with Merton. The whole length in Sutton has byway status although bollards prevent vehicles using the section east of the track.

Between the borough boundary and the junction with Lower Morden Lane, Green Lane is a wider but still poorly surfaced track. Although it has bridleway status it carries light motor traffic for the riding stables.

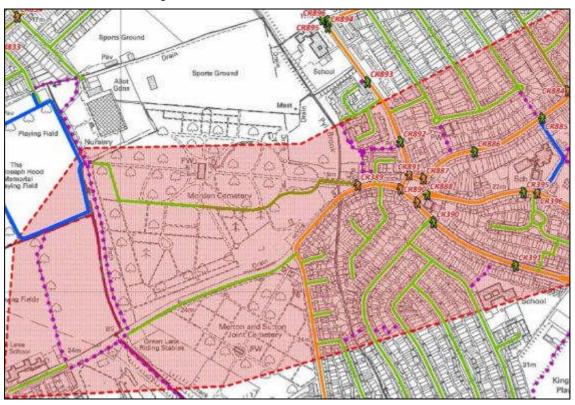


Figure 14 Corridor C (west) – Green Lane to Morden Park

From the western end of the bridleway section a rough track leads northwards between fields. This provides a link to the Sir Joseph Hood Memorial Playing Field which has a shared use path around its periphery, leading to its main entrance from Marina Avenue.

At the borough boundary there is a junction with two other rough surfaced paths, one leading northwards to an entrance to Morden Cemetery and a bridleway running south along the borough boundary to Trafalgar Avenue, past the Hamptons development.

All the rough surfaced paths mentioned are only suitable for all-terrain bikes used by cyclists with a reasonable degree of bike handling skills (due to the uneven surface). Although mainly traffic-free, they therefore have been classified as Potential Level 1.

An alternative route is available from the path around the Memorial playing field via an access point on the eastern boundary. This leads to a narrow un-surfaced link into Morden Cemetery. The paths and roads in the cemetery are wide, and a route is possible which avoids the most of the main routes used by mourners' vehicles to access the central chapel and crematorium. Nevertheless Level 2 skills are still needed, and Level 3 skills may be needed at peak times (i.e. large funerals).



Green Lane bridleway west of borough boundary



Northern end of footpath along borough boundary



Eastern end of Green Lane at Lower Morden Lane



Track between Green Lane and Sir Joseph Hood Memorial Playing Field



Shared use path at Sir Joseph Hood Memorial Playing Field



Path linking Sir Joseph Hood Memorial Playing Field and Morden Cemetery



Path through Morden Cemetery

Lower Morden Lane is a fairly busy road, used by large vehicles travelling to and from the recycling and amenity site to the south. Because of this it is only suitable for Level 3 cyclists, and even for these it requires a high degree of attention. The five-armed roundabout junction with Grand Drive/Tudor Drive is a particularly cycle unfriendly environment, with wide carriageways and lack of deflection encouraging excessive speeds and overtaking. The pedestrian crossings of the arms of the roundabout are all classified as Level 3 apart from the eastern arm of Lower Morden Lane (CR888).

A route to reach Morden Park from the roundabout could run along either Hillcross Avenue or Lower Morden Lane. These are both Level 3 roads, although the width restriction on Lower Morden Lane may make this slightly preferable. Using this alignment would also give an opportunity to improve conditions for those travelling to Hatfeild Primary School.

East of the school there is a wide track running between crossings of Hillcross Avenue and Lower Morden Lane (CR885 and CR396 respectively) which provides an access to Morden Park. It is not clear if cycling is formally permitted on the track, but the absence of "No Cycling" signs and the use of bollards instead of barriers imply that cycling is welcome.

Morden Park - Morden

This section runs through across Morden Park to reach roads leading to Morden town centre. We have only considered the sections of road west of the railway line.

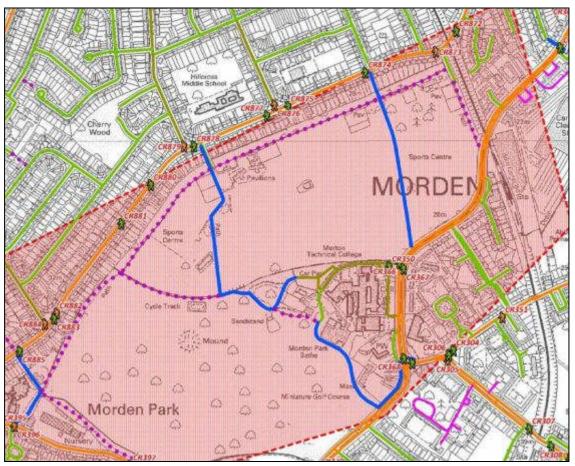


Figure 15 Corridor C (east) - Morden Park to Morden

The two paths in the western part of Morden Park are completely un-surfaced. The northern path parallel to Hillcross Avenue runs through woodland, while the southern one alongside Lower Morden Lane crosses a more open area on a cut grass path. Although both paths are virtually non-existent, they are nevertheless depicted as Greenways on TfL's London Cycling Guide 10. They are shown above as Potential Level 1 as they would need to be surfaced to provide useful routes.



Path through woodland on western side of Morden Park, parallel to Hillcross Avenue

The northern route has the better route alignment for a link to Morden town centre. As well as construction of a path surface it would also require a considerable amount of tree management. After about 350m the route splits with a continuation northwards through the woodland along a derelict fence line, and an un-surfaced field edge path

running east towards South Thames College (formerly Merton College). Due to the shorter distance of surfacing needed the latter route is preferable.

After a short distance the field path meets the existing cycle track which runs east to the college campus and north to Hillcross Avenue (NB the cycle track legend on the OS map refers to a former cycle speedway circuit).



View westwards to field path from western cycle track across Morden Park

The eastbound route has a woodchip surface for a short distance as far the bandstand. It then follows a somewhat tortuous alignment through the college campus, passing the Registry Office and Morden Pools to meet the dust surfaced path running to Epsom Road. A route is also available along the campus car parks and roads to join Epsom Road further north, though these require Level 3 skills at peak times.

All the routes through Morden Park and the college campus have poor direction signing. Wayfinding is difficult especially around the Registry Office and Morden Pools.



Route westwards from college car park, showing lack of wayfinding

The path north from the junction with the field path is a surfaced shared-use track running past a small car park to Hillcross Avenue. It crosses a wide surfaced path running east-west along the northern boundary of the park. Cycling is not permitted on this path, and the surface requires some maintenance, but with a small amount of work it would provide a useful route.

To the east the path crosses two further north-south paths. A second shared-use track runs between Hillcross Avenue and Epsom Road, although cycling is not permitted on the northernmost section (for no apparent reason). Along the eastern edge of the park there is a third wide and well surfaced path. Cycling is not permitted at all on this path although there appears to be little difference between it and the track to the west.



View northwards from eastern cycle track across Morden Park showing east-west path

From Morden Park to Morden town centre there are two route options, via Epsom Road or Hillcross Avenue/Links Avenue (both Level 3 roads) which provide the only crossings of the railway.

Epsom Road is a wide dual carriageway with relatively high level of traffic and as the A24 is part of the TLRN. There is a dual form of cycle provision along Epsom Road comprising a shared use footway from the park access to the junction with Central Road (on the western side of the road) and cycle lanes.

Both forms of provision are sub-standard. The footway is poorly signed with a number of pinch points, and it is not clear to all users that it is in fact a shared-use path. The cycle lanes are narrow and there is no connection across the central reservation for cyclists wishing to turn right into or out of the park.



Eastern end of path from Morden Pools at junction with Epsom Road



Shared use footway and narrow cycle lane along Epsom Road

A route for cyclists with Level 2 skills along Epsom Road would preferably avoid the carriageway and involve a high quality fully or partially segregated route. This could be on the lines of the Danish style "hybrid" cycle track recently installed in Old Shoreham Road, Hove.

Hillcross Avenue and Links Avenue are less busy than Epsom Road, although they still require Level 3 skills. Use of this route by cyclists might be encouraged through further traffic calming, which could support the introduction of a 20mph limit along the whole length of the road rather than just the small section outside Hillcross Primary School. Measures to deter rat running would also help to make this route more suitable for less experienced cyclists. However to make the route suitable for Level 2 cyclists would require more significant measures.



Hillcross Avenue, showing eastern start of 20mph zone at junction with Ashridge Way

Outline recommendations:

- Carry out detailed studies of the western and eastern sections of the route
- ii. Improve existing paths in Merton Park by addressing surfacing issues and lack of signing and wayfinding, and allowing cycling where it is currently not permitted
- iii. Create new paths in Merton Park as described above and shown in TfL Cycling Guide

D. Colliers Wood to Beddington Lane

We have focused on the eastern section of this route between Mitcham Green and the borough boundary with Croydon. There are two options for this route, basically running along either the north or south sides of Mitcham Common. The area is highlighted in red in Figure 16 below.

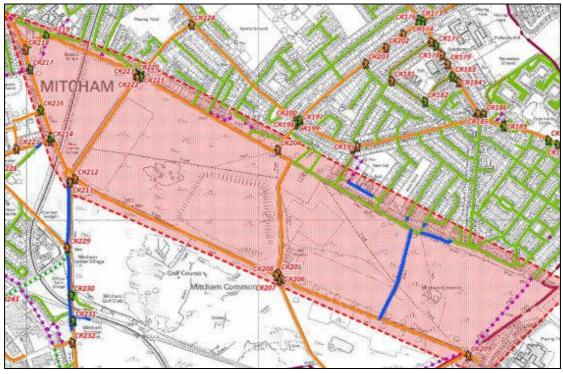


Figure 16 Corridor D – Mitcham to Beddington Lane

A short common section runs east from Upper Green East along the western section of Commonside East. The gated closure of the western end of Commonside East prevents cycling between the two roads as the gate extends across the entire width of the road. There appears to be no good reason why cycling could not be made possible on this link, either by replacing the gate with a central bollard or by a dropped kerb to the south allowing the gate to be bypassed.



Gated closure of western end of Commonside East

East of the closure the route runs along Commonside East to an existing Toucan crossing (CR219). There is a non-standard 2-way cycle lane marked on the south side of the carriageway. As the road is suitable for Level 2 cyclists and the lane does not offer any benefit to less experienced cyclists, its removal would not make conditions worse. Indeed it is likely to improve conditions for eastbound cyclists as drivers and pedestrians will not expect them to be cycling on the right-hand side of the road. Alternatively the road could be narrowed by the width of the lane and a cycle track provided using this space.



Two-way cycle lane along western end of Commonside East



Toucan crossing CR219 across the main section of Commonside East

Northern alignment

The northern route runs east from the Toucan crossing along the main section of Commonside East. The road is classified as Level 3. It is likely that any provision will require conversion of one or both footways to shared use, especially across the railway bridge. There is some scope to narrow the carriageway slightly to allow a widened footway to be constructed.



Commonside East west of railway bridge

East of the railway bridge Commonside East continues to a junction with Cedars Avenue. Despite the presence of a 20mph limit and some traffic calming the road is classified as Level 3, as speeds appear to remain high and there is a fairly heavy traffic flow, especially at peak times. It is therefore likely that any provision will require conversion of the northern footway to shared use, especially across the railway bridge (NB there is no southern footway). There is some scope to narrow the carriageway slightly to allow a widened footway to be constructed.

At the junction of Commonside East and Cedars Avenue a short section of cycle track on the northern footway links to a crossing (CR220-CR223) to Cedars Avenue which crosses Mitcham Common and could provide a link to the southern route option.

The crossing could be improved to allow a link to the southern side of Commonside East to the east of the junction. Cedars Avenue itself is one-way southbound, with a narrow (1m wide) advisory cycle lane, a 1m wide northbound contraflow lane and a narrow footway. Improvements to this arrangement (e.g. a cycle track at footway level) should be considered.



Cedars Avenue looking north

East of Cedars Avenue there is ample width to allow the creation of a good quality path along the northern edge of Mitcham Common as far as the junction with Windmill Road, although a further detailed study would of course be needed. Commonside East Avenue is classified as Level 3 west of the junction but only Level 2 east of it, so the route could then continue east on the carriageway. Further traffic calming could be considered.

Commonside East is closed just to the east of Watneys Road, a now closed road which runs across Mitcham Common. The closures of Watneys Road appear to be somewhat sub-standard, with concrete baulks plus gates across the whole carriageway. The opportunity could be taken to improve these as part of any route improvements.

East of Watneys Road a surfaced path continues to the east, terminating at the western end of the separate eastern section of Commonside East. A kissing gate at this point prevents the path being accessible to cyclists. The gate also prevents wheelchair users and pedestrians with pushchairs and hence is not compliant with the Equality Act.

The eastern section of Commonside East is classified Level 2 and can be used to just west of its junction with Middlesex Road. At this point a narrow path leads east to the south end of Galpins Road. From here an un-surfaced footpath runs southwards across the eastern edge of the common to meet Croydon Road north of its junction with Redhouse Road, where there is an existing sub-standard crossing (CR209).



Path running along eastern edge of Mitcham Common



Crossing CR209 of Croydon Road south of eastern edge of Mitcham Common

Southern alignment

From the Toucan crossing of Commonside East a narrow shared use footway runs west to a roundabout junction with Commonside West. Rather than improve this path the more direct path running southwards could be improved for shared use by cyclists and pedestrians as far as the existing Pelican crossing (CR217).



Pelican crossing CR209 of Commonside West

Commonside West is a Level 3 road. While there is a narrow southbound advisory cycle lane and northbound bus lane, there is little scope for further on-carriageway provision. There is also no footway on the east side of the road though a worn path clearly indicates a pedestrian desire line.

Improvements for both cyclists and pedestrians could therefore be provided by the construction of a good quality shared use path along the east side of Commonside West as far as Madeira Road. South of this junction the existing wide footway could be converted to shared use, across the railway bridge, to the roundabout junction with Croydon Road and the southern end of Cedars Avenue. There is a narrow cycle lane around this roundabout which offers little safety or convenience benefit to Level 2 cyclists. Cyclists with Level 3 skills will not find the lane helpful either, since they will have been trained to cycle in the primary position i.e. in the centre of the lane.



Croydon Road at junction with Cedars Avenue, showing cycle lane around roundabout

East of the roundabout Croydon Road runs eastwards to the junction with Beddington Lane and then to the borough boundary with Croydon. The road is Level 3 due to the busy and fast moving traffic along the road (which has a 40mph limit) with a high proportion of goods vehicles. Although there are cycle lanes, these are narrow and advisory and hence offer little protection. They also do not continue through bus stops along the road.



Croydon Road at junction with Beddington Lane, showing narrow cycle lanes

There are a number of options which might be explored for improvements along Croydon Road. These could range from widening the cycle lanes by reducing the main carriageway to 5.5m, to reallocating the road space and creating a wide path along one of the verges. This would also benefit pedestrians as there is no footway. A third option would be to investigate a route in Mitcham Common to the north of the band of trees along the northern edge of the road. This might have personal safety issues.

However it is achieved, a route along Croydon Road would also require attention at the junction with Beddington Lane and at the crossing at Redhouse Road.

Conclusion

There are positive and negative aspects of both options. At this stage it would be difficult to recommend one or the other, although the northern option might appear to be the more straightforward to deliver.

A more detailed study, perhaps using TRL's CERS process (Cycle Environment Review System) would be able to give a more definitive conclusion.

Outline recommendations:

- i. Carry out detailed studies of the northern and southern options, including a detailed comparison using CERS
- ii. Improve western section of Commonside East

E. New Malden to Wimbledon via Raynes Park

This route would be a predominantly off-road route via Raynes Park Sports Ground, using the two existing subways under the A3 at Westcoombe Avenue and Aboyne Drive. Further collaborative working with LB Kingston will be required to the west. We have focused on section between New Malden and Raynes Park, highlighted in red in Figure 17 below.



Figure 17 Corridor D - New Malden to Raynes Park

The route runs east from the western section of Cambridge Avenue in New Malden. A cycle track runs east from the end of the cul-de-sac (signed to London & Richmond!). This is a wide path running parallel to a pedestrian path. It joins the eastern section of Cambridge Avenue just south of the A3.

From the junction of Cambridge Avenue and Beverley Way there are two route options. The western option runs along the west side of the A3 to a subway accessed from the southern end of Aboyne Drive (CR499) while the eastern option crosses the A3 via a subway to Westcoombe Avenue (CR500), and then runs along the east side of the A3. There is little to choose between the two options.



Ramp at eastern end of Westcoombe Avenue subway under A3 (CR500)

The western option uses the minor road section of Beverley Way West which runs parallel to the A3 (confusingly also called Beverly Way here). At a turn-off from the A3 it runs west along Huntley Way and south along Aboyne Drive. These roads are all classified as Level 2, although some work might be needed at the A3 turn-off which involves an abrupt turn off the A3 and transition from 50mph to 30mph. The turn-off is closed to all traffic except buses and cycles during the morning peak.

From the south end of Aboyne Drive a narrow path leads between houses to a subway under the A3. Cycling is banned on the path and in the subway although it is unlikely that the level of either pedestrian or cycle use merits this.

The eastern option uses the Westcoombe Avenue subway to cross the A3. Cycling is banned in this subway and on the approach ramps. As with the Aboyne Drive subway it is unlikely that the restriction is justified by the level of pedestrian or cycle use. From the subway Beverley Way East can be used until its southern end. At this point the route would need to use the eastern footway of the A3, which would require conversion to a shared use cycle track. Although a crash barrier protects users of the footway, this would never be an attractive or comfortable route to use due to the close proximity of high speed traffic.

Just before the Aboyne Drive subway a ramp leads down from the A3 footway to meet the path leading from the subway. At this point the two route options merge to run along a short section of narrow path to join a track along the southern boundary of Raynes Park Sports Ground. The track is used for car parking for the sports ground and continues to the entrance from Taunton Avenue. With a small amount of work (mainly signing) this track could be improved for cycle use.



Ramp from A3 footway to eastern end of Aboyne Drive subway (CR499)

Taunton Avenue runs east via Camberley Avenue (both classified as Level 2) to West Barnes Lane, a Level 3 road. The advisory cycle lanes along the road do not provide sufficient protection for it to be classified as Level 2. However there is space on the wide western footway for a cycle link to the refuge crossing north of the Waitrose car park (CR512) which could be upgraded to a Toucan.

The road through the car park could be used to provide a link to the existing cycle track along Coombe Road. This would require cyclists being allowed to leave the car park to the north – while this movement is physically possible and quite straightforward, it is not allowed.



Crossing CR512, West Barnes Lane



Waitrose car park, Raynes Park



Northern end of Waitrose car park showing "No Exit" signs

Outline recommendations:

- i. Carry out detailed studies of the western and eastern options for the route, including an assessment of the two A3 subways
- ii. Address the northern exit from Waitrose car park

Appendix B

Methodology for undertaking Cycle Skills Network Audits (summary)

Purpose

The full methodology gives clear guidance to auditors on how to carry out a Cycle Skills Network Audit (CSNA). The audit classifies sections of roads, including junctions, and off carriageway facilities usable by cyclists, by the Bikeability standard that cyclists would need to have achieved to be able to ride on them in comparative safety. All formal pedestrian crossings on roads identified as having higher risk are also audited and classified in the same manner. Bikeability is the name given to the UK National Standard for Cycle Training.

The guidance first explains the benefits of carrying out an audit. It then explains three Bikeability levels of achievement and how these are adapted into five levels for the purposes of the audit. It then gives detailed explanations of the characteristics that define roads at each of the levels. Finally the guidance explains how an audit should be carried out.

Benefits

The information provided by a CSNA can be used in a number of ways. An audit can be used for some of the purposes set out below:

- It can be used as to identify roads where a more detailed study could be carried out, such as a Cycle Environment Review System (CERS) audit
- It can be used to identify key barriers between areas
- Production of maps or guides for local cycle users enabling them to plan journeys based on their level of skill
- Identifying barriers to cycling and accessibility. Audits include assessment of pedestrian crossings by the Bikeability levels
- Targeting of cycle training to schools where improved skills are most needed within their catchment areas

The Bikeability (National) Standard and Audit Levels

The description of the Bikeability and CSNA levels has already been given in the body of the main report and so is not repeated here.

Carrying Out the Audit

Initial scoping

An initial desktop scoping of the area can be carried out to establish the roads most likely to be classified higher than Level 2. This enables a timetable to be devised for the practical audit on site. A quick cycle ride around the area on the roads identified as probably higher than Level 2 is carried out to help familiarise the auditors with the area, although the audit may begin without such a ride having been undertaken.

Roads classified higher than Level 2

These are generally major routes through an area and mixed residential/local distributors. Some apparently minor residential roads may be used as rat runs, particularly in peak traffic

periods, which may raise the level of classification. Auditors should make measurements of road widths where clarification is considered necessary. This will most likely be in situations where some of the following features are identified:

- where road width may be the factor that would give a higher classification
- · where there is an obvious change in road width
- where regular parking on one or both sides of the road changes the effective road width for through traffic (measure of both total road width and available carriageway width may be made at these points)
- where there are pedestrian islands, the width of each carriageway lane and of the island may be recorded
- at any other points where the auditors feel width may be a factor

The pedestrian crossings on these roads should all be classified and recorded.

Roads classified Level 2 or lower

Estate roads and terrace streets will usually have very similar characteristics. It should not be necessary to ride along every one of these roads. After consulting the map it will often be possible to cycle along each residential distributor and view down the lesser residential streets from their ends to confirm their status. However, particularly where there are cul-desacs, it may be necessary to cycle down Level 2 streets to identify and tracks/paths that may exist between them and other streets.

In some residential streets the width of available carriageway (may be that within lines of parked cars on either side of the street) can be a factor in classification at Level 2. However, in this case the level of traffic should allow any measurement to be carried out by a single auditor. Observation may also preclude measurement as it may be obvious that the road width is too narrow for two vehicles to pass.

Any identified cycle-only crossings on Level 2 roads should be recorded although they will never be classified at higher than Level 2.

Appendix C Schedule of Crossings

The table below lists details and comments for all 896 identified crossings (including 10 bridges) which can be used by cyclists whether on their bike or dismounted. Photos have been taken by Transport Initiatives of all crossings. These have been supplied to LB Merton on a USB drive.

Footbridges over railway

Ref	Location	CSNA	Tactile	Comments
		Level	paving	
BR01	West of Tooting station	0	Υ	Steps only
BR02	At Mitcham Eastfields station	0	Υ	Steps only
BR03	Gaston Road - Grove Road	0	Υ	Steps only
BR04	Alt Grove - path to Dundonald Road	0	Υ	Steps only
BR05	Elm Grove - Merton Hall Road	0	Υ	Steps only
BR06	West Barnes Lane - Westway Close	0	Υ	Steps only
DDO7	West Barnes Lane (railway & road)	0	·	Ramps & steps, long bridge over railway & road.
BKU/	west barries taile (railway & road)	0	T	Cycling not permitted as no protection at steps.
BR08	Motspur Park Station	0	Υ	Steps only, at Motspur Park station
BR09	Morden Court - Bordesley Road	0	Υ	Steps only, long bridge over Northern Line sidings
BR10	Carshalton Road - Beddington Lane path	0	Υ	Steps only, plus barriers at foot of west side

Road crossings

Ref	Road name	Road	Туре	CSN	A Tact	ile Comments
		no.		Leve	el pavi	ng
CR001	Phipp's Bridge Road		Dropped kerbs	3	Υ	
CR002	Haslemere Avenue		Raised table with refuge	3	Υ	Narrow refuge
CR003	Haslemere Avenue		Dropped kerbs with refuge	3	Υ	Narrow refuge
CR004	Haslemere Avenue		Raised table	3	Υ	Minimal speed reduction, crossing parked on by parents dropping off at nursery
CR005	Haslemere Avenue		Raised table at junction with refuge	3	N	Narrow refuge on very shallow table
CR006	Church Road		Dropped kerbs with refuge	2	Υ	
CR007	Church Road		Pelican at raised table	2	Υ	
CR008	Church Road		Dropped kerbs with refuge	2	Υ	
CR009	Batsworth Road		Raised table at junction	2	Υ	Tight left turn in
CR010	Church Road		Dropped kerbs with refuge	2	Υ	
CR011	Church Road		Dropped kerbs with refuge	2	Υ	
CR012	Phipp's Bridge Road		Raised table at junction	3	Υ	Wide turn and shallow table
CR013	Church Road		Zebra	2	Υ	
CR014	Benedict Road		Dropped kerbs	2	Υ	One way in
CR015	Hallowfield Way		Dropped kerbs with refuge	3	Υ	Angle of refuge and geometry of roundabout exit increase hazard
CR016	Church Road		Pelican	2	Υ	
CR017	Church Road		Zebra with island	2	Υ	
CR018	Lower Green West	A217	Toucan (Puffin type)	2	Υ	
CR019	Lower Green West	A217	Puffin with island	2	Υ	
CR020	London Road	A217	Toucan (Puffin type)	2	Υ	
CR021	London Road	A217	Pelican to/from island	2	Υ	
CR022	Lower Green West	A217	Pedestrian phase with island	2	Υ	

Ref	Road name	Road	Туре			Comments
CDO22	Cricket Creer	no.	Dedectries where with ideads	• • • • • • • • • • • • • • • • • • • •	paving	
	Cricket Green		Pedestrian phase with islands	2	Υ Υ	2 stage
	London Road London Road		Pedestrian phase with islands Puffin	2	Υ	2 stage
				2	Y	2
	Raleigh Gardens		Pedestrian phase with island	2	Υ	2 stage
	London Road		Pedestrian phase with island	2	Y	
	Raleigh Gardens Western Road		Pedestrian phase with island Pedestrian phase with islands	2	Y	2 stage
				2	Y	3 stage
	Holborn Way		Pedestrian phase with islands	2	Υ •••••	4 stage
	Upper Green West London Road		Pedestrian phase with island	2	Y	2 etago
		AZ17	Pedestrian phase with island	2	Y	2 stage
	St Mark's Road		Raised table at junction Raised table	2	Y	One way out
	St Mark's Road			2	Y	Severe table
	St Mark's Road		Zebra on raised table	2	Υ	
	St Mark's Road	4247	Pedestrian phase with islands	2	ΥΥ	3 stage
	London Road		Pedestrian phase with island	2	ΥΥ	2 stage
	Holborn Way	A217	Pedestrian phase with island	2	Y	2 stage
	Love Lane	A 2 2 C	Dropped kerbs	3	N	
	Western Road		Dropped kerbs with refuge	2	Υ	
	Western Road		Dropped kerbs with refuge	2	Υ	
	Western Road	A236	Zebra with refuge	2	Υ	
CR043	Bond Road		Raised table at junction with	3	Υ	Narrow refuge with bollard hit
60044		4226	refuge			
CR044	Western Road	A236	Pelican with build-out	2	Υ	More a narrowing than formal
						build-out
	Lavender Avenue	4226	Raised table junction	3	Y	·····
	Western Road	A236	Dropped kerbs with refuge	3	Y	Narrow refuge
	Church Road		Dropped kerbs with refuge	3	Y	Narrow refuge
	Church Road		Dropped kerbs with refuge	3	Y	Narrow refuge
	Church Road		Pedestrian phase with islands	2	Y	2 stage to/from island
	Western Road	A236	Pedestrian phase with islands	2	Y	3 stage
	Liberty Avenue		Dropped kerbs with island	2	Y	
	Church Road	A236	Dropped kerbs with refuge	2	Y	
	Prince Georges Road		Dropped kerbs	2	Υ	One way out
	Liberty Avenue		Dropped kerbs with refuge	2	N	
	Liberty Avenue		Raised table with refuge	2	Υ	At road width restriction
	Lyon Road		Dropped kerbs	3	N	
	Windsor Avenue		Dropped kerbs with refuge	3	Υ	Narrow island
	Deer Park Road		Dropped kerbs with refuge	2	Υ	
	Jubilee Way		Dropped kerbs with refuge	2	Y	
CR060	Merton Industrial		Dropped kerbs	3	N	
	Park					
	Lee Road		Dropped kerbs	3	N	
	Jubilee Way		Dropped kerbs with refuge	3	Υ	Narrow refuge
	Lombard Road		Raised table	3	Y	Used to have refuge
	Deer Park Road		Raised table at junction	2	Y	One way out
CR065	Lombard Road		Raised table with build-outs	2	Υ	One way but contraflow cycle lane
CR066	Lombard Road		Raised table with build-out	2	Υ	One way
CR067	Lombard Road		Raised table	2	Υ	One way with cycle contraflow
	Lombard Road		Raised table at junction with	2	Υ	One way out with cycle
			build-out			contraflow on build-out
CR069	Deer Park Road		Raised table	3	Υ	
CR070	Prince Georges Road		Dropped kerbs - cycles only	2	N	One way out. Unclear lining.
	<u> </u>					<u>.</u>

Ref	Road name	Road	Туре			Comments
CD071	Ct Mark's Dood sor	no.	Drawnad karbs with islands		paving	
CR0/1	St Mark's Road car park		Dropped kerbs with islands	2	N	High upstands
CR072	St Mark's Road		Raised table	2	Υ	Severe
CR073	St Mark's Road		Raised table	3	Υ	Parked on
	St Mark's Road		Raised table junction	3	Υ	Shallow
CR075	Landsell Road		Raised table junction	3	Υ	Shallow
CR076	Landsell Road		Raised table at junction with	2	Υ	Tight geometry
			build-outs			
CR077	Eastfields Road		Zebra	2	Υ	
CR078	Eastfields Road		Dropped kerbs with refuge	2	Υ	
CR079	London Road		Pedestrian phase with island	2	Υ	2 stage
CR080	Streatham Road	A216	Pedestrian phase with island	2	Υ	2 stage
CR081	Lock's Lane		Pedestrian phase with island	2	Υ	2 stage
CR082	London Road	A217	Pedestrian phase with island	2	Υ	2 stage
CR083	London Road	A217	Pelican	2	Υ	
CR084	Armfield Crescent		Raised table at junction	2	Υ	Tight geometry
CR085	Bond Road		Raised table at junction	2	Υ	Tight geometry and sharp table
CR086	Mortimer Road		Raised table with build-outs	2	Υ	Quite severe table
CR087	Steers Mead		Dropped kerbs	3	N	
CR088	Lavender Avenue		Zebra on raised table	2	Υ	
CR089	Steers Mead		Dropped kerbs with build-outs	3	Υ	
CR090	Border Gate		Dropped kerbs with build-outs	3	N	
CR091	Wilson Avenue		Raised table at junction with	3	Υ	Narrow refuge
			refuge			G
CR092	Victoria Road		Dropped kerbs	3	N	
CR093	Victoria Road		Dropped kerbs	3	Υ	
CR094	London Road	A217	Dropped kerbs with refuge	2	Υ	
CR095	London Road		Pelican	2	Υ	
CR096	Lavender Avenue		Raised table at junction	3	Υ	Queued over at peak
CR097	Streatham Road	A216	Dropped kerbs with refuge	2	Υ	
CR098	Streatham Road		Dropped kerbs with refuge &	2	Υ	
			build-outs			
CR099	Sandy Lane		Dropped kerbs	3	N	
	Streatham Road	A216	Toucan	2	Υ	
	Harbour Close		Dropped kerbs	3	N	
	Tide Close		Dropped kerbs	3	N	
	Streatham Road	A216	Dropped kerbs with refuge	2	Υ	
CR104	Streatham Road		Dropped kerbs with refuge	2	Y	
	Streatham Road		Dropped kerbs	3	N	
	Industrial Estate			_		
CR106	Gorringe Park		Raised table at junction	2	Υ	Tight geometry and effective
	Avenue			-	-	table
CR107	Streatham Road	A216	Pelican with refuge & build-	2	 Р	
			outs	_	-	
CR108	Streatham Road	A216	Dropped kerbs with refuge	2	Υ	
	Streatham Road		Zebra with refuge	 2	Y	
	Bruce Road		Dropped kerbs	_	 N	
	London Road	A217	Cycle phase	2	N	
	London Road		Pedestrian phase	<u>-</u>	Y	
	Gorringe Park	, ,_ 1/	Raised table at junction	<u>-</u>	<u>'</u> Y	Ineffective
0.1113	Avenue		naisea table at junction	,	·	c.rcctive
CR114	Grenfell Road		Dropped kerbs	3	N	
	London Road	Δ217	Pelican with build-outs	2	<u>IN</u>	
CVII	London Noad	741/	r chean with bulla-buts		ı	

Ref	Road name	Road Type no.	CSNA CSNA		e Comments
CR116	Longley Road	Dropped kerbs	3	N	
	Links Road	Dropped kerbs with build	-outs 3	N	
CR118	Renmuir Street	Dropped kerbs	3	N	
CR119	London Road	A217 Pelican	2	Υ	
CR120	Eastbourne Road	Raised table junction	3	Υ	
CR121	Seely Road	Raised table junction	3	Υ	
	Frinton Road	Dropped kerbs	2	Υ	One way in
CR123	Seely Road	Raised table	3	Р	No tactile on south side
	Gunton Road	Raised table junction	2	Υ	One way out
CR125	Frinton Road	Raised table with build-or	ut 2	N	One way
CR126	Links Road	Raised table	3	P	No tactile on north side
	Frinton Road	Raised table junction	2	Υ	One way out
CR128	Links Road	Raised table	3	P	No tactile on north side
	Links Road	Raised table	3	Υ	Parking bay, in use, blocking
					tactiles on south side
CR130	Links Road	Raised table	3	Υ	Parking bay painted parallel to
					tactiles on south side
CR131	Links Road	Raised table	3	Υ	South side can be blocked by
					parking
CR132	Links Road	Raised table	3	Υ	South side parked on
CR133	Gunton Road	Dropped kerbs	2	Υ	Singe lane one way in
CR134	Gunton Road	Raised table with build-or	ut 2	N	One way
CR135	Links Road	Raised table	3	Υ	South side parked on
CR136	Links Road	Raised table	3	Υ	South side parked on
CR137	Links Road	Raised table	3	Υ	South side can be blocked by
					parking
CR138	Links Road	Raised table	3	Υ	South side can be blocked by
					parking
CR139	Links Road	Dropped kerbs	3	N	
CR140	London Road	A217 Dropped kerbs with refug	ge 2	Υ	
CR141	Tamworth Lane	Puffin	2	Υ	
CR142	Eastfields Road	Dropped kerbs	3	N	
CR143	Grove Road	Dropped kerbs with island	d 3	N	Buses stopping at adjacent stop
					obscure view of approaching
					traffic
CR144	Grove Road	Dropped kerbs with refug	ge 3	Υ	Narrow refuge
CR145	Grove Road	Dropped kerbs with refug	ge 3	Υ	Narrow refuge
CR146	Grove Road	Dropped kerbs with refug	ge 3	Υ	Narrow refuge
CR147	Grove Road	Dropped kerbs with refug	ge 3	Υ	Narrow refuge
CR148	Grove Road	Dropped kerbs with refug	ge 3	Υ	Narrow refuge
CR149	Grove Road	Pelican at raised table	2	Υ	Very shallow pointless table
CR150	Grove Road	Dropped kerbs with refug	ge 3	Υ	Narrow refuge
CR151	Grove Road	Dropped kerbs with refug	ge 3	Υ	Narrow refuge
CR152	Grove Road	Dropped kerbs with refug	ge 3	Υ	Narrow refuge
CR153	Meopham Road	Dropped kerbs	3	N	Very poor north kerb
CR154	Grove Road	Dropped kerbs with refug	ge 3	Υ	Narrow refuge
CR155	Grove Road	Dropped kerbs with refug		Υ	Narrow refuge
CR156	Leonard Road	Dropped kerbs with refug		Υ	Narrow refuge
CR157	Abercairn Road	Dropped kerbs with refug		N	View blocked by parked van for
L					local business
CR158	Streatham Vale	B272 Dropped kerbs with refug	ge 3	N	Narrow island

Ref	Road name	Road	Туре			e Comments
CR159	Greyhound Terrace	no. B272	Dropped kerbs with refuge	Level p	N N	Narrow island, driveway as dropped kerb one side and no proper drop on other
CR160	Rowan Road	B272	Dropped kerbs with refuge	2	Υ	
CR161	Windermere Road		Raised table at junction	3	Υ	Shallow table
CR162	Rowan Road	B272	Zebra with refuge	2	Υ	
CR163	Hassocks Road		Dropped kerbs	3	Υ	
	Meopham Road		Dropped kerbs	3	Υ	
CR165	Chilmark Road		Dropped kerbs	3	N	
	Stockport Road		Dropped kerbs	3	N	
	Windermere Road		Dropped kerbs with refuge	3	N	Narrow refuge
	Darcy Road		Dropped kerbs	3	N	
	Stanford Way		Dropped kerbs	3	Υ	
	Rowan Road		Zebra with refuge	2	Υ	
	Rowan Road		Dropped kerbs with refuge	2	Υ	
CR172	Rowan Road		Dropped kerbs with refuge	2	Υ	
	Rowan Road	B272	Pedestrian phase	2	Υ	
	Northborough Road		Pedestrian phase	2	Υ	
	Wide Way		Pedestrian phase	2	Υ	
	Manor Road	B272	Pedestrian phase	2	Υ	
	Wide Way		Zebra on raised table	2	Υ	
	Wide Way		Dropped kerbs with refuge	3	Υ	Narrow refuge
	Wide Way		Raised table with refuge	3	Υ	Narrow refuge
CR180	Abbots Road		Dropped kerbs	3	Υ	
	Greenwood Road		Dropped kerbs	3	N	
	Ivy Gardens		Dropped kerbs	2	N	One way out
	Ivy Gardens		Raised table at junction	2	Υ	Very tight turn
	Wide Way		Dropped kerbs with refuge	3	Υ	Narrow refuge
	Wide Way		Dropped kerbs with refuge	3	Υ	Narrow refuge
CR186	Recreation Way		Raised table at junction with refuge	3	Υ	Narrow refuge
CR187	South Lodge Avenue		Raised table at junction with refuge	2	Υ	
CR188	Sherwood Park Road		Raised table at junction with refuge	3	Υ	Narrow refuge
CR189	South Lodge Avenue		Pelican with build-outs	2	Υ	
CR190	South Lodge Avenue		Dropped kerbs with refuge	2	Υ	
CR191	South Lodge Avenue		Dropped kerbs with refuge	2	Υ	
CR192	South Lodge Avenue		Dropped kerbs with refuge	2	Υ	
CR193	South Lodge Avenue		Dropped kerbs with refuge	2	Υ	
CR194	South Lodge Avenue		Dropped kerbs with refuge	2	Υ	
CR195	Sherwood Park Road		Zebra with refuge	3	Υ	Narrow refuge
CR196	Abbotts Road		Dropped kerbs	3	N	
CR197	Sherwood Park Road		Pedestrian phase	2	Υ	
CR198	Manor Road	B272	Pedestrian phase	2	Υ	
CR199	Tamworth Lane		Pedestrian phase	2	Υ	
CR200	Manor Road	B272	Pedestrian phase	2	Υ	
CR201	Manor Road	B272	Raised table with refuge & build-outs	3	Υ	Narrow refuge
CR202	Manor Road	B272	Raised table with refuge & build-outs	3	Υ	Narrow refuge
CR203	Manor Road	B272	Raised table with refuge & build-outs	3	Υ	Narrow refuge

Ref	Road name	Road	Туре			Comments
		no.			paving	
	Manor Road		Dropped kerbs with refuge	3	Y	Narrow refuge
CR205	Windmill Road	B272	Signalled junction with dropped kerbs	3	Υ	
CR206	Croydon Road	A236	Signalled junction with refuge	3	N	Narrow refuge
CR207	Beddington Lane	B272	Signalled junction with dropped kerbs	3	Υ	
CR208	Croydon Road	A236	Signalled junction with refuge	3	N	Narrow refuge
	Croydon Road		Dropped kerbs with refuge	3	Υ	Narrow refuge, busy road with fast traffic
CR210	Beddington Lane	B272	Dropped kerbs	3	Y	Tactile one side only
	Beddington Lane		Pelican	2	Υ	Also tramway crossing to north. Both in Sutton.
CR212	Croydon Road	A236	Dropped kerbs with island	3	Y	Very busy
	Carshalton Road		Dropped kerbs with island	3	Y	Tapered island narrow at one end & very busy traffic
CR214	Madeira Road	A239	Signalled junction with refuge	3	N	Just adequate refuge (1.6m) but still very wide, busy junction
CR215	Commonside West	Δ236	Pedestrian phase	2	Y	still very wide, busy junction
	Park / pub access	7230	Dropped kerbs with island	<u>-</u>	<u></u> ,	
	Commonside West	Δ236	Pelican	2	<u>'</u> Y	
	Commonside West		Dropped kerbs with island	 3	<u>'</u>	Busy fast traffic entering & leaving
		A230				roundabout. Two lanes one side
CR219	Commonside East		Pelican with refuge	2	Υ	Cycle track to south, cycle lane to north - should be Toucan!
CR220	Commonside East		Pedestrian phase with refuge	3	Y	Narrow refuge
CR221	Cedars Avenue		Pedestrian phase	2	Υ	
CR222	Commonside East		Pedestrian phase	2	Υ	
CR223	Cedars Avenue		Signalled junction with refuge	3	Υ	Refuge to split contraflow cycle lane. Traffic turning in from two directions
CR224	Cedars Avenue		Dropped kerbs with refuge	3	N	Narrow refuge
CR225	Cricket Green	A239	Puffin	2	Υ	
	Cricket Green	A239	Dropped kerbs with refuge	2	Υ	
CR227	Canons Leisure Centre		Dropped kerbs	3	N	
CR228	Cranmer Road	A239	Pelican	2	Υ	
	Cranmer Road	A239	Dropped kerbs	3	Υ	Shared use footway
	Carshalton Road		Toucan	2	Υ	
CR231	Carshalton Road		Toucan	2	Υ	
	Drake Road		Dropped kerbs	3	Υ	
	Goat Road		Dropped kerbs	3	Υ	
	Goat Road		Dropped kerbs	3	N	
	Wates Way		Dropped kerbs	3	N	
	Ellis Road		Dropped kerbs	3	N	
	Wates Way		Dropped kerbs	3	N	
	Ellis Road		Dropped kerbs	3	N	
	Wates Way		Dropped kerbs	3	N	
	Private business access		Dropped kerbs	3	N	
CR2/11	Beck Road		Dropped kerbs	3	N	
	The Willow Centre		Dropped kerbs	3	<u>IN</u> 	
	Wandle Way		Dropped kerbs	3 3	<u>IN</u> Y	
	Osier Way		Dropped kerbs	3	N N	

Ref	Road name	Road no.	Туре	CSNA T		e Comments
CR245	Willow Lane		Dropped kerbs	3	N	
	Tramway at Mitcham tram stop east		At grade tramway crossing	2	Υ	
	Tramway at Mitcham		At grade tramway crossing	2	Y	
	tram stop west		At grade trainway crossing	2	ı	
	Tramway north of		At grade tramway crossing	2	Y	
0.1.2.10	Morden Hall Park		, it grade training, erossing	_	•	
CR249	Tramway at Phipps		At grade tramway crossing	2	Υ	
	Bridge tram stop					
CR250	Tramway at Belgrave		At grade tramway crossing	2	Υ	
	Walk tram stop					
CR251	Tramway (Baron		At grade tramway crossing	2	Υ	
	Walk)					
	Morden Road		Pedestrian phase with refuge	3	Y	Narrow refuge
	London Road		Pedestrian phase with refuge	3	Y 	Narrow refuge
	London Road London Road		Pedestrian phase with refuge	2 2	Y 	
	Wandle Road	AZ1/	Dropped kerbs with refuge Raised table with island	<u>2</u> 2	<u>Ү</u> Ү	
	London Road	Λ21 7	Toucan	<u></u>	<u>'</u> Y	
	Seddon Road	AZ17	Raised table at junction with	<u>2</u>	<u>'</u>	While table shallow build-outs
CN236	Seddoll Road		build-outs	2	'	tighten turn in significantly and
			bana outs			narrow exit
CR259	London Road	A217	Dropped kerbs with refuge -	2	Υ	
			cycles only	_	-	
CR260	London Road	A217	Dropped kerbs with refuge	2	Υ	
CR261	London Road		Pedestrian phase with refuge	2	Υ	
CR262	Bishopsford Road		Pedestrian phase	2	Υ	
CR263	London Road	A217	Pedestrian phase with refuge	2	Υ	
CR264	Lilleshall Road		Pedestrian phase with refuge	2	Υ	
CR265	Seddon Road		Dropped kerbs	3	N	
CR266	The Drive		Dropped kerbs with refuge	3	N	Narrow refuge
	Morden Road		Zebra with refuge	2	Υ	
	Morden Road		Dropped kerbs with refuge	2	Υ	Just adequate refuge (1.6m)
	Morden Road		Dropped kerbs with refuge	2	Υ	
	Morden Road	A239	Toucan	2	Υ	·
	Wandle Road		Dropped kerbs with refuge	3	ΥΥ	Narrow refuge
	Morden Road		Pedestrian phase with island	2	Υ	
CR2/3	St Helier Avenue	A297	Dropped kerbs with island	3	N	Dual carriageway with traffic
						approaching at speed from roundabout
CP274	Central Road	۷230	Dropped kerbs with refuge	3	 Р	Traffic difficult to read
CRZ/4	Central Road	AZSS	Dropped kerbs with reruge	3	Г	approaching from roundabout.
						No tactiles on island.
CR275	Morden Hall Road	A297	Pelican with island	2	Υ	2 stage, staggered, with long
				_	-	delay for crossing each stage in
						peak traffic
CR276	Morden Hall garden		Dropped kerbs - shared	3	Υ	Blind exit from car park onto cycle
	centre access		cycles/pedestrians			path. Very hazardous
CR277	Aberconway Road	B286	Cycle/pedestrian phase with	2	Υ	
			refuge			
	Morden Hall Road		Pedestrian phase with refuge	2	Y	
	Morden Hall Road		Toucan with island	2	Υ	2 stage
CR280	London Road	A24	Toucan with island	2	Υ	2 stage

CR285 Morden station car park access CR286 Car park access CR286 Car park access CR286 Car park access CR287 London Road A24 Pelican with island CR288 London Road A24 Pelestrian phase with islands CR290 Aberconway Road CR290 Aberconway Road CR291 Abbotsbury Road CR291 Abbotsbury Road CR292 Aberconway Road CR293 Abbotsbury Road CR293 Abbotsbury Road CR294 Crown Lane B286 Cycle/pedestrian phase with refuge CR294 Crown Lane B286 Cycle/pedestrian phase with island CR295 Crown Road CR296 Crown Road B286 Cycle/pedestrian phase with island CR297 Crown Lane B286 Cycle/pedestrian phase with island CR297 Crown Lane B286 Cycle/pedestrian phase with island CR298 Crown Road B286 Cycle/pedestrian phase with island CR299 London Road A24 Pedestrian phase with island CR297 Crown Lane CR298 Crown Lane CR299 London Road A24 Pedestrian phase with island CR290 London Road A24 Pedestrian phase with island CR290 London Road A24 Pedestrian phase with island CR290 London Road A24 Pedestrian phase with island CR301 London Road CR301 London Road CR302 Crown Road A24 Pedestrian phase with island CR303 Crown Road A24 Pedestrian phase with	Ref	Road name	Road no.	Туре	CSNA Level		e Comments g
CR283 Morden Road A24 Toucan with island 2 Y 2 stage with long delay CR284 Morden Road A24 Dropped kerbs with refuge 3 Y Two lanes one-way with nears bus lane. Queuing traffic at pea CR285 Morden station car park access CR286 Car park access CR287 London Road A24 Pelican with island 2 Y 2 stage CR286 Car park access CR287 London Road A24 Pelican with island 2 Y 2 stage CR288 London Road A24 Pelestrian phase with island 2 Y 3 stage CR289 Aberconway Road B286 Pedestrian phase with islands 2 Y 3 stage CR290 Aberconway Road B286 Expers with refuge 2 Y 3 stage CR291 Abbotsbury Road Dropped kerbs with refuge 2 Y 2 Y 2 Stage CR292 Aberconway Road B286 Dropped kerbs with refuge 2 Y 2 Y 2 Stage CR293 Abbotsbury Road Dropped kerbs with refuge 2 Y 2 Y 2 Stage CR294 Crown Lane B286 Cycle/pedestrian phase with island 2 Y 7 To/from island Siand CR295 Crown Road A24 Pedestrian phase with island 2 Y To/from island Siand CR295 Crown Road A24 Pedestrian phase with island 2 Y To/from island Siand CR296 Crown Lane A24 Pedestrian phase with island 2 Y To/from island Siand CR297 Crown Lane A24 Pedestrian phase with island 2 Y To/from island CR298 Crown Lane A24 Pedestrian phase with island 2 Y To/from island CR298 Crown Lane A24 Pedestrian phase with island 2 Y To/from island CR298 Crown Lane A24 Pedestrian phase with island 2 Y To/from island CR300 Crown Road A24 Pedestrian phase with island 2 Y To/from island CR301 Cnodno Road A24 Pedestrian phase with island 2 Y To/from island CR302 Crown Road A24 Pedestrian phase with island 2 Y To/from island CR303 London Road A24 Pedestrian phase with island 2 Y To/from island CR303 Crown Road A24 Pedestrian phase with island 2 Y To/from island CR303 Crown Road A24 Pedestrian phase with island 2 Y To/from island CR303 Crown Road A24 Pedestrian phase with island 2 Y To/from island CR303 Crown Road A24 Pedestrian phase with island 2 Y To/from island CR303 Crown Road A24 Pedestrian phase with island 2 Y To/from island CR303 Crown Road A24 Pedestrian phase with island 2 Y To/from island CR303 Crow	CR281	Abbotsbury Road		Raised table at junction	2	Υ	One way out
CR284 Morden Road A24 Dropped kerbs with refuge B285 Morden station car park access CR285 Morden station car park access CR286 Car park access CR287 London Road A24 Pelican with island A24 Pedestrian phase with islands CR293 Abcronway Road CR293 Abbotsbury Road CR293 Abbotsbury Road CR294 Crown Lane CR295 Crown Road CR295 Crown Road CR296 Cycle/pedestrian phase with island CR297 Crown Lane CR297 Crown Lane A24 Pedestrian phase with island CR297 Crown Road CR298 Cycle/pedestrian phase with island CR297 Crown Road CR298 Cycle/pedestrian phase with island CR297 Crown Road CR298 Cycle/pedestrian phase with island CR298 Crown Road CR299 Land Road CR296 Cycle/pedestrian phase with island CR297 Crown Road CR297 Crown Road CR298 Cycle/pedestrian phase with island CR298 Crown Road CR299 Land Road CR300 Crown Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR301 London Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR304 Crown Road A24 Pedestrian phase with island CR305 Crown Road A24 Pedestrian phase with island CR306 Crown Road A24 Pedestrian phase with island CR307 Crown Road A24 Pedestrian phase with island CR308 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised tables with refuge CR309 Green Lane B278 Raised tables with refuge CR301 Green Lane B278 Dropped kerbs with islands CR311 Green Lane B278 Dropped kerbs with islands CR313 Green Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands CR315 Green Lane B278 Dropped kerbs with islands CR316 Green Lane B278 Dropped kerbs	CR282	Kenley Road		Dropped kerbs	3	Υ	triangle markings, no speed
CR284 Morden Road A24 Dropped kerbs with refuge B285 Morden station car park access CR285 Morden station car park access CR286 Car park access CR287 London Road A24 Pelican with island A24 Pedestrian phase with islands CR293 Abcronway Road CR293 Abbotsbury Road CR293 Abbotsbury Road CR294 Crown Lane CR295 Crown Road CR295 Crown Road CR296 Cycle/pedestrian phase with island CR297 Crown Lane CR297 Crown Lane A24 Pedestrian phase with island CR297 Crown Road CR298 Cycle/pedestrian phase with island CR297 Crown Road CR298 Cycle/pedestrian phase with island CR297 Crown Road CR298 Cycle/pedestrian phase with island CR298 Crown Road CR299 Land Road CR296 Cycle/pedestrian phase with island CR297 Crown Road CR297 Crown Road CR298 Cycle/pedestrian phase with island CR298 Crown Road CR299 Land Road CR300 Crown Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR301 London Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR304 Crown Road A24 Pedestrian phase with island CR305 Crown Road A24 Pedestrian phase with island CR306 Crown Road A24 Pedestrian phase with island CR307 Crown Road A24 Pedestrian phase with island CR308 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised tables with refuge CR309 Green Lane B278 Raised tables with refuge CR301 Green Lane B278 Dropped kerbs with islands CR311 Green Lane B278 Dropped kerbs with islands CR313 Green Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands CR315 Green Lane B278 Dropped kerbs with islands CR316 Green Lane B278 Dropped kerbs	CR283	Morden Road	A24	Toucan with island	2	Υ	2 stage with long delay
Description Park access Dropped kerbs 3 Y CR287 London Road A24 Pelican with island 2 Y 2 stage CR288 London Road A24 Pelican with islands 2 Y 3 stage CR288 London Road B286 Pedestrian phase with islands 2 Y 3 stage CR289 Aberconway Road B286 Pedestrian phase with islands 2 Y 3 stage CR290 Aberconway Road B286 Pedestrian phase with islands 2 Y To/from island CR291 Abbotsbury Road Dropped kerbs with refuge 2 Y To/from island CR292 Aberconway Road Dropped kerbs with refuge 2 Y To/from island CR293 Abbotsbury Road Dropped kerbs with refuge 2 Y To/from island CR293 Aberconway Road Dropped kerbs with refuge 2 Y To/from island CR294 Crown Lane B286 Cycle/pedestrian phase with island 2 Y To/from island CR295 Crown Road A24 Pedestrian phase with island 2 Y To/from island CR296 Crown Road B286 Cycle/pedestrian phase with island 2 Y To/from island CR297 Crown Lane A24 Pedestrian phase with island 2 Y To/from island CR298 Crown Lane A24 Pedestrian phase with island 2 Y To/from island CR299 London Road A24 Pedestrian phase with island 2 Y To/from island CR299 London Road A24 Pedestrian phase with island 2 Y To/from island CR301 London Road A24 Pedestrian phase with island 2 Y To/from island CR301 London Road A24 Pedestrian phase with island 2 Y To/from island CR301 London Road A24 Pedestrian phase with island 2 Y To/from island CR303 London Road A24 Pedestrian phase with island 2 Y To/from island CR303 London Road A24 Pedestrian phase with island 2 Y To/from island CR304 Central Road A24 Pedestrian phase with island 2 Y To/from island CR304 Central Road A24 Pedestrian phase with island 2 Y To/from island CR304 Central Road A24 Pedestrian phase with island 2 Y To/from island CR304 Central	CR284	Morden Road	A24	Dropped kerbs with refuge	3	Υ	Two lanes one-way with nearside bus lane. Queuing traffic at peak
CR287 London Road A24 Pelican with island CR288 London Road A24 Pedestrian phase with islands CR290 Aberconway Road CR290 Aberconway Road CR291 Abbrotsbury Road CR291 Abbrotsbury Road CR292 Abrotsbury Road CR293 Abbrotsbury Road CR293 Abbrotsbury Road CR294 Crown Lane CR294 Crown Road CR295 Crown Road CR296 Cycle/pedestrian phase with island CR296 Crown Road CR297 Crown Road CR297 Crown Road CR298 Cycle/pedestrian phase with island CR298 Crown Road CR299 Crown Road CR299 Crown Road CR299 Crown Road CR299 Crown Road CR296 Cycle/pedestrian phase with island CR297 Crown Lane CR296 Crown Road CR297 Crown Lane CR298 Crown Road CR298 Crown Road CR299 London Road CR290 London Road CR200 Crown R	CR285			Dropped kerbs	3	N	
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CR299 Aberconway Road CR291 Abbotsbury Road CR291 Abbotsbury Road CR292 Aberconway Road CR293 Abbotsbury Road CR293 Abbotsbury Road CR294 Crown Lane CR294 Crown Lane B286 Cycle/pedestrian phase with refuge CR295 Crown Road CR295 Crown Road CR296 Cycle/pedestrian phase with island CR296 Crown Road CR297 Crown Lane B286 Cycle/pedestrian phase with island CR297 Crown Road CR298 Crown Road CR299 London Road CR299 London Road CR299 London Road CR299 London Road CR290 London Road CR200 Crown Road CR200 London Road CR200 Crown Road CR2	CR287	London Road	A24	Pelican with island	2	Υ	2 stage
CR291 Abbrotsbury Road CR293 Abbrotsbury Road CR293 Abbrotsbury Road CR294 Crown Lane CR294 Crown Road CR295 Crown Road CR295 Crown Road CR296 Crown Road CR296 Crown Road CR297 Crown Road CR297 Crown Road CR297 Crown Road CR298 Crown Road CR299 London Road CR299 London Road CR299 London Road CR299 London Road CR290 London Road CR300 Crown Road CR301 London Road CR301 Crown Road CR302 Crown Road CR303 Crown Road CR304 Pedestrian phase with island CR305 Crown Road CR306 Crown Road CR307 Crown Road CR308 Green Lane CR308 Green Lane CR309 Crown Road CR309 Crown Road CR309 Crown Road CR300 Crown Road CR300 Crown Road CR301 CR301 Condon Road CR301 CR303 London Road CR303 Crown Road CR304 Pedestrian phase with island CR305 Crown Road CR306 Central Road CR307 Green Lane CR308 Green Lane CR308 Green Lane CR308 Green Lane CR309 Crown Road CR309 Crown Road CR309 Crown Road CR300 Crown Road CR301 CR301 Central Road CR303 Crown Road CR303 Crown Road CR304 Central Road CR305 Crown Road CR306 Central Road CR307 Green Lane CR308 Green Lane CR308 Green Lane CR308 Green Lane CR309 Crown Road CR309 Crown Road CR309 Crown Road CR309 Crown Road CR301 Crown Road CR301 Crown Road CR302 Crown Road CR303 Crown Road CR303 Crown Road CR304 Central Road CR305 Crown Road CR306 Central Road CR307 Green Lane CR308 Green Lane CR308 Green Lane CR308 Green Lane CR308 Green Lane CR309 Crown Road CR309 Crown Road CR300 Crown Road CR300 Crown Road CR301 Crown Road CR301 Crown Road CR302 Crown Road CR303 Crown Road CR304 Central Road CR305 Central Road CR306 Central Road CR307 Green Lane CR308 Crown Road CR309 Crown Road CR300 Crown Road CR300 Crown Road CR300 Crow	CR288	London Road	A24	Pedestrian phase with islands	2	Υ	3 stage
CR291 Abbotsbury Road CR292 Aberconway Road CR293 Abotsbury Road CR294 Crown Lane CR295 Crown Road CR296 Cycle/pedestrian phase with island CR295 Crown Road CR296 Crown Road CR296 Cycle/pedestrian phase with island CR297 Crown Lane CR296 Cycle/pedestrian phase with island CR297 Crown Lane CR297 Crown Lane CR298 Cycle/pedestrian phase with island CR299 Crown Road CR299 Crown Road CR299 Crown Road CR299 Crown Lane CR299 London Road CR299 London Road CR299 London Road CR299 London Road CR290 London Road CR300 Crown Road CR300 Crow	CR289	Aberconway Road	B286	Pedestrian phase with islands	2	Υ	3 stage
CR292 Aberconway Road CR293 Abbotsbury Road CR294 Crown Lane B286 Cycle/pedestrian phase with refuge CR295 Crown Road CR295 Crown Road A24 Pedestrian phase with island CR295 Crown Road B286 Cycle/pedestrian phase with island CR295 Crown Road A24 Pedestrian phase with island CR296 Crown Road B286 Cycle/pedestrian phase with island CR297 Crown Road B286 Cycle/pedestrian phase with island CR297 Crown Lane CR298 Crown Lane A24 Pedestrian phase with island CR299 London Road A24 Pedestrian phase with island CR299 London Road A24 Pedestrian phase with island CR299 London Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR301 London Road A24 Pedestrian phase with island CR302 Crown Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR304 Central Road A24 Pedestrian phase with island CR305 Green Lane B278 Dropped kerbs with refuge CR306 Central Road A279 Dropped kerbs with refuge CR307 Green Lane B278 Raised table with refuge CR308 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised tables with refuge CR300 Green Lane B278 Raised tables with refuge CR301 Middleton Road Dropped kerbs with islands Droppe	CR290	Aberconway Road	B286	Zebra with refuge	2	Υ	
CR294 Crown Lane B286 Cycle/pedestrian phase with island CR295 Crown Road A24 Pedestrian phase with island CR295 Crown Road A24 Pedestrian phase with island CR296 Crown Road B286 Cycle/pedestrian phase with island CR297 Crown Road B286 Cycle/pedestrian phase with island CR298 Crown Road B286 Cycle/pedestrian phase with island CR299 Crown Road B286 Cycle/pedestrian phase with island CR297 Crown Lane A24 Pedestrian phase with island CR298 Crown Lane A24 Pedestrian phase with island CR299 London Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR301 London Road A24 Pedestrian phase with island CR302 Crown Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR304 Crown Road A24 Pedestrian phase with island CR305 Crown Road A24 Pedestrian phase with island CR306 Crown Road A24 Pedestrian phase with island CR307 Green Lane B278 Dropped kerbs with refuge CR308 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised tables with refuge CR309 Green Lane B278 Dropped kerbs CR310 Middleton Road Dropped kerbs CR311 Green Lane B278 Dropped kerbs CR312 Green Lane B278 Dropped kerbs CR313 Green Lane B278 Dropped kerbs CR314 Green Lane B278 Dropped kerbs with islands CR316 Green Lane CR316 Green Lane CR317 Green Lane CR318 Green Lane CR318 Green Lane CR319 Dropped kerbs with islands CR310	CR291	Abbotsbury Road		Dropped kerbs with refuge	2	Υ	
CR294 Crown Road A24 Pedestrian phase with island CR295 Crown Road A24 Pedestrian phase with island CR296 Crown Road A24 Pedestrian phase with island CR297 Crown Road CR297 Crown Lane A24 Pedestrian phase with island CR298 Crown Lane A24 Pedestrian phase with island CR298 Crown Lane A24 Pedestrian phase with island CR299 London Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR301 London Road A24 Pedestrian phase with island CR302 Crown Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR304 Central Road A25 Pedestrian phase with island CR305 Green Lane B278 Dropped kerbs with refuge CR306 Central Road A26 Propped kerbs with refuge CR307 Green Lane B278 Raised table with refuge CR308 Green Lane B278 Raised tables with refuge CR309 Green Lane B278 Raised tables with refuge CR309 Green Lane B278 Raised tables with refuge CR301 Middleton Road CR302 Dropped kerbs CR303 Dropped kerbs CR304 CR305 Green Lane B278 Raised tables with refuge CR306 Green Lane B278 Raised tables with refuge CR307 Green Lane B278 Raised tables with refuge CR308 Green Lane B278 Raised tables with refuge CR309 Green Lane B278 Raised tables with refuge CR301 Middleton Road CR302 Dropped kerbs CR303 Dropped kerbs CR304 Middleton Road CR305 Green Lane B278 Dropped kerbs CR307 Green Lane B278 Dropped kerbs CR308 Oreen Lane B278 Dropped kerbs CR309 Green Lane CR309 Green Lane CR309 Green Lane B278 Dropped kerbs CR309 Green Lane CR300 G	CR292	Aberconway Road	B286	Dropped kerbs with refuge	2	Υ	
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CR298 Crown Lane A24 Pedestrian phase with island CR299 London Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR301 London Road A24 Pedestrian phase with island CR301 London Road A24 Pedestrian phase with island CR302 Crown Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR304 CR305 Crown Road A25 Pedestrian phase with island CR305 London Road A26 Pedestrian phase with island CR306 CR307 Crown Road A27 Toucan with island CR308 Green Lane B278 Dropped kerbs with refuge B278 Dropped kerbs with refuge CR309 Green Lane B278 Raised table with refuge CR309 Green Lane B278 Raised tables with refuge CR301 Middleton Road CR310 Middleton Road CR311 Green Lane B278 Dropped kerbs 3 N To from island CR312 Green Lane B278 Dropped kerbs 3 N Between wide central reservations CR313 Green Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands N Between islands. Very wide with traffic approaching from two directions	CR297	Crown Lane	A24	Pedestrian phase with island	2	Υ	To/from island
CR299 London Road A24 Pedestrian phase with island CR300 Crown Road A24 Pedestrian phase with island CR301 London Road A24 Pedestrian phase with island CR302 Crown Road A24 Pedestrian phase with island CR302 Crown Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR303 London Road A24 Pedestrian phase with island CR304 Central Road A25 Propped kerbs with refuge CR305 Green Lane B278 Dropped kerbs with refuge B278 Dropped kerbs with refuge CR306 Central Road A239 Dropped kerbs with refuge B278 Raised table with refuge CR307 Green Lane B278 Raised table with refuge CR308 Green Lane B278 Raised tables with refuge CR309 Green Lane B278 Raised tables with refuge CR309 Green Lane B278 Raised tables with refuge CR310 Middleton Road Dropped kerbs CR311 Green Lane B278 Dropped kerbs CR312 Green Lane B278 Dropped kerbs CR313 Green Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands CR315 Reen Lane B278 Dropped kerbs with islands CR316 Reen Lane B278 Dropped kerbs with islands CR317 Green Lane B278 Dropped kerbs with islands CR318 Green Lane B278 Dropped kerbs with islands CR319 Reen Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands N Between islands. Very wide with traffic approaching from two directions	CR298	Crown Lane	A24		2	Υ	
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CR302 Crown RoadA24Pedestrian phase with island2YTo/from islandCR303 London RoadA24Toucan with island2Y2 stage staggered, narrow islanCR304 Central RoadA239 Dropped kerbs with refuge2YCR305 Green LaneB278 Dropped kerbs with refuge & island3N3 stage, wide crossing northbound (1 lane & hatching)CR306 Central RoadA239 Dropped kerbs with refuge & island2N3 stageCR307 Green LaneB278 Raised table with refuge2YCR308 Green LaneB278 Zebra with refuge on raised table2YCR309 Green LaneB278 Raised tables with refuge2YVery wide refuge as across both carriagewaysCR310 Middleton RoadDropped kerbs3YCR311 Green LaneB278 Dropped kerbs3NTo from islandCR312 Green LaneB278 Dropped kerbs3NBetween wide central reservationsCR313 Green LaneB278 Dropped kerbs with islands3NVery wide and approached from two sides. Between islandsCR314 Green LaneB278 Dropped kerbs with islands3NBetween islands. Very wide with traffic approaching from two directions					2	Υ	/
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CR305 Green Lane B278 Dropped kerbs with refuge & 3 N 3 stage, wide crossing northbound (1 lane & hatching) CR306 Central Road A239 Dropped kerbs with refuge & 2 N 3 stage CR307 Green Lane B278 Raised table with refuge 2 Y CR308 Green Lane B278 Zebra with refuge on raised 2 Y table CR309 Green Lane B278 Raised tables with refuge 2 Y Very wide refuge as across both carriageways CR310 Middleton Road Dropped kerbs 3 Y CR311 Green Lane B278 Dropped kerbs 3 N To from island CR312 Green Lane B278 Dropped kerbs 3 N Between wide central reservations CR313 Green Lane B278 Dropped kerbs with islands 3 N Very wide and approached from two sides. Between islands CR314 Green Lane B278 Dropped kerbs with islands 3 N Between islands. Very wide with traffic approaching from two directions	CR304	Central Road	A239	Dropped kerbs with refuge	2	Υ	
CR306 Central Road A239 Dropped kerbs with refuge & 2 N 3 stage island CR307 Green Lane B278 Raised table with refuge 2 Y CR308 Green Lane B278 Zebra with refuge on raised 2 Y table CR309 Green Lane B278 Raised tables with refuge 2 Y Very wide refuge as across both carriageways CR310 Middleton Road Dropped kerbs 3 Y CR311 Green Lane B278 Dropped kerbs 3 N To from island CR312 Green Lane B278 Dropped kerbs 3 N Between wide central reservations CR313 Green Lane B278 Dropped kerbs with islands 3 N Very wide and approached from two sides. Between islands CR314 Green Lane B278 Dropped kerbs with islands 3 N Between islands. Very wide with traffic approaching from two directions				Dropped kerbs with refuge &	3		
CR308 Green Lane B278 Zebra with refuge on raised table CR309 Green Lane B278 Raised tables with refuge 2 Y Very wide refuge as across both carriageways CR310 Middleton Road Dropped kerbs 3 Y CR311 Green Lane B278 Dropped kerbs 3 N To from island CR312 Green Lane B278 Dropped kerbs 3 N Between wide central reservations CR313 Green Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands 3 N Very wide and approached from two sides. Between islands CR314 Green Lane B278 Dropped kerbs with islands 3 N Between islands. Very wide with traffic approaching from two directions	CR306	Central Road	A239		2	N	
CR309 Green Lane B278 Raised tables with refuge CR309 Green Lane B278 Raised tables with refuge CR310 Middleton Road CR311 Green Lane B278 Dropped kerbs CR312 Green Lane B278 Dropped kerbs CR313 Green Lane B278 Dropped kerbs CR313 Green Lane B278 Dropped kerbs with islands CR314 Green Lane CR316 Dropped kerbs with islands CR317 Dropped kerbs with islands CR318 Dropped kerbs with islands CR319 Dropped kerbs with islands CR310 Middleton Road CR310 Middleton Road Dropped kerbs CR311 N Between islands CR3110 N Between islands CR3110 Middleton Road Dropped kerbs with islands CR3110 N Between islands	CR307	Green Lane	B278	Raised table with refuge	2	Υ	
CR310 Middleton Road Dropped kerbs 3 Y CR311 Green Lane B278 Dropped kerbs 3 N To from island CR312 Green Lane B278 Dropped kerbs 3 N Between wide central reservations CR313 Green Lane B278 Dropped kerbs with islands 3 N Very wide and approached from two sides. Between islands CR314 Green Lane B278 Dropped kerbs with islands 3 N Between islands. Very wide with traffic approaching from two directions	CR308	Green Lane	B278	_	2	Y	
CR311 Green Lane B278 Dropped kerbs 3 N To from island CR312 Green Lane B278 Dropped kerbs 3 N Between wide central reservations CR313 Green Lane B278 Dropped kerbs with islands 3 N Very wide and approached from two sides. Between islands CR314 Green Lane B278 Dropped kerbs with islands 3 N Between islands. Very wide with traffic approaching from two directions	CR309	Green Lane	B278	Raised tables with refuge	2	Υ	Very wide refuge as across both carriageways
CR311 Green Lane B278 Dropped kerbs 3 N To from island CR312 Green Lane B278 Dropped kerbs 3 N Between wide central reservations CR313 Green Lane B278 Dropped kerbs with islands 3 N Very wide and approached from two sides. Between islands CR314 Green Lane B278 Dropped kerbs with islands 3 N Between islands. Very wide with traffic approaching from two directions	CR310	Middleton Road		Dropped kerbs	3	Υ	
CR313 Green Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands CR314 Green Lane B278 Dropped kerbs with islands N Between islands. Very wide wit traffic approaching from two directions	CR311	Green Lane	B278	Dropped kerbs	3	N	To from island
two sides. Between islands CR314 Green Lane B278 Dropped kerbs with islands 3 N Between islands. Very wide wit traffic approaching from two directions	CR312	Green Lane	B278	Dropped kerbs	3	N	
traffic approaching from two directions	CR313	Green Lane	B278	Dropped kerbs with islands	3	N	Very wide and approached from two sides. Between islands
	CR314	Green Lane	B278	Dropped kerbs with islands	3	N	Between islands. Very wide with traffic approaching from two
build-outs	CR315	Furness Road		Raised table at junction with build-outs	3	Υ	Approached head on
CR316 Love Lane Raised table at junction 2 Y To/from island and one way ou	CR316	Love Lane		Raised table at junction	2	Υ	To/from island and one way out

Ref	Road name	Road no.	Туре	CSNA T		e Comments
CR317	Love Lane		Raised table at junction	2	Υ	To/from island and one way in
	Malmesbury Road		Raised table at junction	-	Υ	Shallow and wide turn in
	Middleton Road		Pedestrian phase	<u></u>	Y	
	Bishopsford Road	A217	Pedestrian phase with refuge	2	<u>·</u> Ү	
	Middleton Road		Pedestrian phase	<u>-</u>	· <u>·</u> Υ	
	Bishopsford Road	Δ217	Pedestrian phase with refuge	_	<u>'</u> Ү	
	Middleton Road	,,,,,,,	Raised table	<u>-</u>	<u>'</u> Ү	
	Middleton Road		Raised table	3	<u>'</u>	
	Malmesbury Road		Dropped kerbs	<u>3</u>	<u>'</u>	
	Malmesbury Road		Raised table	3	Υ	Parking blocking one side
	Middletone Road		Pedestrian phase with refuge	3	<u>'</u>	Narrow refuge
	St Helier Avenue	Λ207	Pedestrian phase with refuge	3	<u>'</u> Y	Just adequate refuge (1.6m) but
	Stricker Avenue				'	traffic on busy road passes very close & at speed
CR329	Middleton Road		Pedestrian phase with refuge	3	Υ	Narrow refuge
CR330	St Helier Avenue	A297	Pedestrian phase with refuge	3	Υ	Just adequate refuge (1.6m) but
						traffic on busy road passes very
						close & at speed
CR331	St Helier Avenue	A217	Toucan with refuge	3	Y	Just adequate refuge (1.6m) but traffic on busy rd passes very close & at speed
CR332	Bristol Road		Raised table with refuge	3	Υ	Narrow refuge
CR333	St Helier Avenue	A217	Toucan with island	2	Υ	2 stage
	Central Road		Dropped kerbs with refuge	-	N	Narrow refuge
	Bristol Road		Dropped kerbs	<u>-</u> 3	N	
	Buckfast Road		Dropped kerbs	<u>3</u>	N	
	Central Road	Δ239	Pelican with build-outs	<u></u>	Υ	
	Buckfast Road	71233	Dropped kerbs with refuge	<u>-</u>	<u>·</u>	
	Abbotsbury Road		Dropped kerbs with build-outs	3	Υ	
	Abbotsbury Road		Pedestrian phase	<u></u>	<u>'</u> Ү	
	Central Road	Δ239	Pedestrian phase	_	<u>'</u> Ү	
	Farm Road	7,233	Pedestrian phase	<u>-</u>	<u>'</u> Ү	
	Central Road	V330	Pedestrian phase	<u>-</u>	<u>'</u>	
	Faversham Road	- A233	Dropped kerbs	_	<u>'</u>	
	Middleton Road		Dropped kerbs	3	<u>'</u>	
	Canterbury Road		Dropped kerbs	3	<u>!\</u> Y	
	Furness Road		Dropped kerbs	3	<u>'</u> Ү	
	Middleton Road		Dropped kerbs with refuge	3	<u>'</u>	Narrow refuge
	Middleton Road		Dropped kerbs	3	<u>'</u>	Not aligned
	Merton College		Zebra	<u></u>	Y	Not legal zebra as on private road
CNSSO	access road		20014	_	'	Not legal zebia as on private road
CR351	Central Road	V330	Dropped kerbs with refuge	3	N	Narrow refuge
	Central Road		Dropped kerbs with refuge	<u>3</u>	N	Narrow refuge
	Central Road		Puffin	<u></u>	Y	THAT TOW TETAGE
	LiDL access	~£33	Dropped kerbs	3	<u>'</u> Y	
	Christchurch Road	A24	Pedestrian phase with refuge & island	2	Y	3 stage to/from island, staggered refuge
CR356	Christchurch Road	A24	Pedestrian phase with refuge & island	2	Y	3 stage to/from island, staggered refuge
CR357	Priory Road	A24	Pedestrian phase with refuge & islands	3	Y	4 stage w staggered refuge in centre. Traffic blocks crossing in peak

Ref	Road name	Road				Comments
CR358	Merton High Street	no. A238	Pedestrian phase with refuge & island	Level 1	Υ	Crossing to/from western island with narrow refuge between
CR359	High Street Colliers Wood	A24	Pelican with refuge	3	Y	Narrow refuge
CR360	Christchurch Road	A24	Raised table at junction	2	Y	Only right turning buses allowed to enter and left turn out only
CR361	Christchurch Road	A24	Raised table with build-out	2	Υ	Traffic speeds slow
	South Gardens		Raised table at junction	2	Υ	No left turn in or right turn out
CR363	High Street Colliers Wood	A24	Toucan (Puffin type)	2	Υ	
CR364	High Street Colliers Wood	A24	Puffin	2	Y	
CR365	High Street Colliers Wood	A24	Pelican	2	Υ	
CR366	Merton College access road		Pedestrian phase with refuge	2	Y	
CR367	London Road	A24	Pedestrian phase with island	2	Υ	Staggered 2 stage. By Merton College
CR368	London Road	A24	Pedestrian/cycle phase with island	2	Y	Staggered 2 phase, wide island. Also dropped kerbs across service road to west
CR369	Central Road	A239	Pedestrian phase with island	2	Y	2 stage, staggered with narrow gap between poles on island
CR370	Epsom Road	A24	Puffin	2	Y	Staggered, 2 stage. On cycle route, should be Toucan?
CR371	Epsom Road	A24	Dropped kerbs with refuge	3	Y	Wide refuge but two lanes south bound
CR372	Epsom Road	A24	Dropped kerbs with refuge	2	Y	Excessive speeds on hill. West kerb not flush.
CR373	Lower Morden Lane		Dropped kerbs with refuge	2	Υ	Narrow refuge (1.2m)
CR374	Epsom Road		Dropped kerbs	3	Y	Service road can be used to bypass queuing traffic at junction to east. Between parking.
CR375	Epsom Road		Dropped kerbs	3		Service road can be used to bypass queuing traffic at junction to east
CR376	Epsom Road	A24	Pedestrian phase with island	2	Y	2 stage, staggered. Long sheeppen with guard rail.
CR377	Sutton Common Road	B279	Pedestrian phase with island	2	Y	2 stage, staggered. Narrow sheeppen with guard rail.
CR378	Stonecot Hill	A24	Pedestrian phase with island	2	Y	Links to CR379. Very long sheeppen with guard rail.
CR379	Stonecot Hill	A24	Pedestrian phase with island	2	Υ	Links to CR378. Very long sheeppen with guard rail.
CR380	Tudor Drive	B279	Pedestrian phase with island	2	Υ	2 stage, staggered. Narrow sheeppen with guard rail.
CR381	Stonecot Hill		Raised table	3	Y	Service road can be used to bypass queuing traffic at junction to north. Between parking.
CR382	Stonecot Hill		Dropped kerbs	3	N	Service road can be used to bypass queuing traffic at junction to north
CR383	Stonecot Hill	A24	Dropped kerbs with refuge	2		Speeds can be excessive. Leads to raised table on service road.

Ref	Road name	Road	Туре	CSNA	Tactile	Comments
		no.		Level	paving	
CR384	Stonecot Hill	A24	Dropped kerbs with refuge	2	Υ	Speeds can be excessive. Leads to raised table on service road.
CR385	Stonecot Hill	A24	Dropped kerbs with refuge	2	Υ	Speeds can be excessive. Leads to raised table on service road.
CR386	Garth Road		Dropped kerbs	3	Υ	Route to recycling/waster site so used by large vehicles
CR387	Stonecot Hill	A24	Zebra	2	Υ	
CR388	Amenity Way		Dropped kerbs	3	N	Access to recycling / waste centre
CR389	Morden Cemetary		Dropped kerbs	3	N	Only a problem when funerals taking place!
CR390	Tudor Drive	B279	Zebra with refuge	2	Υ	
CR391	Tudor Drive	B279	Dropped kerbs with refuge & build-outs	2	Υ	
CR392	Tudor Drive	B279	Zebra with refuge & build-outs	2	Υ	
CR393	Tudor Drive	B279	Dropped kerbs with refuge & build-outs	2	Y	
CR394	Tudor Drive	B279	Dropped kerbs with refuge & build-outs	2	Υ	
CR395	Lower Morden Lane		Raised table with refuge	2	Υ	At school
CR396	Lower Morden Lane		Dropped kerb	3	N	Dropped kerb on north side only (at south end of path), no footway to south
CR397	Lower Morden Lane		Dropped kerb	3	N	Dropped kerb on south side only (at north end of path), but evidence of use on north side)
CR398	Morden Road	A24	Dropped kerbs with refuge	3	N	Wide refuge but busy fast traffic
CR399	Dorset Road	B285	Raised table at junction with	2	Υ	Although refuge is narrow, angle
			refuge			of turns in/out keeps traffic well away from it
CR400	Morden Road	A24	Subway	0	N	Access for tram stop - wide subway & ramps on east would allow cycling
CR401	Lombard Road		Signalled junction with refuge	3	Y	Narrow refuge (1.3m)
	Morden Road	A24	C' II I' I' II C	3	Y	Narrow refuge (1.2m)
	Morden Road	A24	Signalled junction with island	3	Y	2 stage, staggered. No pedestrian phase!
CR404	Merantun Way	A24	Signalled junction with dropped kerbs	3	Υ	No pedestrian phase, very wide (3 lanes)
CR405	Merantun Way	A24	Pedestrian phase with island	2	Y	2 stage to wide central reservation
CR406	Merantun Way	A24	Pedestrian phase with island	2	Υ	2 stage to wide central reservation
CR407	High Path		Signalled junction with dropped kerbs	3	Υ	Across one-way road & contraflow cycle track
CR408	Morden Road	A219	Cycle phase with refuge	2	N	Confusing lining! Narrow refuge (1.5m) but single stage.
CR409	Morden Road	A219	Pedestrian phase with refuge	2	Y	Narrow refuge (1.5m). Many pedestrians prefer cycle crossing to south (CR408) as this is more direct
CR410	High Path	·	Raised table with build-out	2	Y	Build-out to south has contraflow cycle track. Nothing to stop parking although outside school
CR411	High Path		Dropped kerbs	3	N	Wide crossing
						· · · · · · · · · · · · · · · · · · ·

Ref	Road name	Road no.	Туре		Tactile paving	Comments
CR412	Merantun Way	A24	Pelican with refuge	2		On south side footway only runs to east to south, behind guardrail
CR413	Merantum Way	A24	Toucan	2	Υ	Difficult turn through arch on northern side. On NCN20 route
CR414	Station Road		Dropped kerbs with build-outs - shared cycles/pedestrians	2		On NCN20 route
CR415	Sainsbury's car park		Dropped kerbs with island	3	Υ	Two lane entry to roundabout
	Merantum Way	A24	Dropped kerbs with island -	<u>3</u>		Narrow island, fast speeds off
CIV-10	Wichamam way	724	shared cycle/pedestrian	3		roundabout
CR417	Watermill Way		Dropped kerbs with island -	3	Y	Narrowed by hatching but still 6m
			shared cycle/pedestrian			width road
CR418	Sainsbury's access		Pedestrian phase	2	Υ	
CR419	Christchurch Road	A236	Cycle/pedestrian phase with island	2	Y	2 stage, staggered
CR420	Christchurch Road	A236	Cycle/pedestrian phase with island	2	Y	
CR421	Merantum Way	A24	Cycle/pedestrian phase with island	2	Y	2 stage, staggered
CR422	Christchurch Road	A24	Cycle/pedestrian phase with island	2	Y	2 stage, staggered
CR423	Tandem Way		Cycle/pedestrian phase with island	2	Υ	2 stage, staggered
CR424	Tandem Way		Dropped kerbs	3		West side uses car park access crossing
CR425	Tandem Centre east car park		Dropped kerbs	3	N	
CR426	Tandem Way		Zebra on raised table	2	Υ	Link to shared use path to west
CR427	Tandem Way		Dropped kerbs	3	N	
CR428	Prince Georges Road		Dropped kerbs	3		Kerbs high both sides, west side uses works access
CR429	Prince Georges Road		Dropped kerbs	3		South side blocked by parking (no restrictions)
CR430	Melrose Road		Dropped kerbs	3	Υ	Poor visibility
CR431	Dorset Road	B285	Dropped kerbs with refuge	3		Adequate width refuge but poor visibility to east
CR432	Kingswood Road		Raised table at junction	3	Υ	Shallow ramp
CR433	Kingston Road	A238	Pedestrian phase at tramway crossing	2	Y	Both footways. Note ASLs.
CR434	Wilton Crescent		Dropped kerbs	3	N	
CR435	Hartfield Crescent		Dropped kerbs	3		Wide road, crossover used on west side
CR436	Beulah Road		Dropped kerbs	2		Very poor visibility on west side of crossing despite being one-way
CR437	Dundonald Road		Pedestrian phase at tramway crossing	2		Both footways
CR438	Dundonald Road		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.4m)
CR439	Dundonald Road		Raised table junction	3	N	Shallow ramps so little speed reduction
CR440	Dundonald Road		Dropped kerbs	3	N	North side uses side road dropped kerb (Cochrane Road). By school.
CR441	Dundonald Road		Dropped kerbs	3		At mini roundabout, works
CR442	Merton Hall Road		Dropped kerbs	3		At mini roundabout, works
CR443	Toynbee Road		Dropped kerbs	3	Υ	At mini roundabout, works

Ref	Road name	Road Type	CSNA '	Tactil	e Comments
		no.	Level	pavin	g
CR444	Toynbee Road	Raised table junction	3	Р	No tactiles across Toynbee Road, parking across eastern arm
CR445	Toynbee Road	Dropped kerb	3	N	No dropped kerb on south east
CP446	Merton Hall Road	Raised table junction	3	Y	side despite link path Shallow table, little speed
CN440	Wierton Hall Noau	Naised table junction	3	'	reduction. Pointless guardrail on
					east (park entrance)
CR447	Avebury Road	Dropped kerbs	3	N	Poor road surface
CR448	Avebury Road	Dropped kerbs with build-outs	3	N	Speeds a bit high
CR449	Avebury Road	Dropped kerbs	3	N	
CR450	Merton Hall Road	Dropped kerbs with build-out	3	N	Build-out on west, driveway used on east
CR451	Merton Hall Road	Dropped kerb with build-out -	3	N	Although at end of shared path
		cycles only			appears to be for cycles only!
					Build-out on west side.
CR452	Wilton Crescent	Dropped kerbs	3	N	
CR453	Wilton Crescent	Dropped kerbs	3	N	Wide crossing
CR454	Mostyn Rd	Dropped kerbs	3	N	High kerbs
CR455	Kenley Road	Dropped kerbs	3	Υ	Poor visibility to south side of tree
CR456	Tybenham Road	Dropped kerbs	3	Υ	Tactiles not aligned
CR457	Mostyn Road	Dropped kerbs	3	N	Park access driveway used to east
CR458	Poplar Road	Raised table at junction	3	N	Little speed reduction
CR459	Kenley Road east	Raised table at junction	3	N	Little speed reduction
CR460	Kenley Road east	Raised table at junction	3	N	Little speed reduction
CR461	Tybenham Road	Raised table at junction	3	N	Little speed reduction
	Kenley Road west	Raised table at junction	3	N	Little speed reduction
	Hartfield Road car	Dropped kerbs	3	Р	Crossing car park entrance & v
	park	• •			wide supermarket service road. V
					poor visibility.
CR464	Hartfield Road car	Dropped kerbs	3	N	Car park access
CR465	Hartfield Road bus	Dropped kerbs	3	N	Multiple crossings to bus stops,
0	station	2. opped ne. ss	J	•••	also access to car park
CR466	Sir Cyril Black Way	A219 Pelican	2	Υ	To car park & bus stops
	Hartfield Road	B285 Pedestrian phase		Υ	No ASL
	Kingston Road	A238 Pedestrian phase	<u>-</u>	Υ	
	Kingston Road	A238 Pelican	<u>-</u>	Y	
	Russell Road	Dropped kerbs	_ 3	N	
	Kingston Road	A238 Pelican	2	Y	Guardrail on south side unnecessary
CR472	Montague Road	Dropped kerbs	3	N	
	Gladstone Road	Dropped kerbs	3	N	Uses car park access on east side
	Russell Road	Raised table junction	3	N	Shallow ramps
	Montague Road	Raised table junction	3	<u>! \</u>	Jilanow ramps
	Mostyn Road	Dropped kerbs	3	N	No dropped kerb to west at link to
CIV470	Wostyll Road	Бторрей кегыз	J	IN	Watery Lane & entrance to park, but on cycle route!
CP/177	Tramway south of	At grade tramway crossing	2	Y	but on cycle route:
CN4//	Dundonald Road	At grave transway crossing	۷	ť	
	tram stop				
CR478	The Path	Dropped kerbs	3	N	Wide crossing
CR479	Mead Path	Subway under railway	1	Ν	On NCN20 route. Very low head-
					room (2.1m) with no warning.

Ref		Road	Туре			e Comments
		no.		Level		
	Queensmere Road		Dropped kerbs	3	N	On border with Wandsworth
	Bathgate Road		Dropped kerbs	3	Y	On border with Wandsworth
CR499	Beverley Way –	A3	Subway	0	N	Ramps but "No Cycling" signs
	Aboyne Drive					
CR500	Beverley Way –	A3	Subway	0	N	Ramps but "No Cycling" signs
	Westcoombe Avenue					
	Beverley Way	A3	Dropped kerbs with island	3	Υ	Across link to A3 slip road
	Coombe Lane		Zebra with refuge	2	Υ	No crossings of service road
	Coombe Lane	A238	Raised table with refuge	2	Υ	Just adequate refuge (1.7m)
	Copse Hill		Dropped kerbs with refuge	3	Υ	Two lanes southbound
CR505	Coombe Lane	A238	Zebra with refuge	2	Υ	No markings across parallel cycle track
CR506	Coombe Lane	A238	Dropped kerbs with refuge	3	N	Narrow refuge (1.2m), across cycle track, north kerb uses driveway
CR507	Coombe Lane	A238	Dropped kerbs	3	Y	Narrow refuge (1.2m), across cycle track
CR508	Coombe Lane	A238	Pedestrian phase	2	Υ	
	Coombe Lane		Pedestrian phase with refuge	2	Υ	Narrow refuge (1.2m)
	West Barnes Lane		Cycle/pedestrian phase with	-	Υ	Very narrow refuge (1m) despite
			refuge			shared use
	Durham Road		Dropped kerbs with refuge	3	Υ	Poor visibility due to fencing
	West Barnes Lane		Dropped kerbs with refuge	2	Y	Wide refuge, good visibility
CR513	Waitrose Raynes Park car park access		Raised table at junction	3	Y	Very poor visibility due to building & pillar
CR514	Waitrose Raynes Park car park		Zebra	2	N	Not legally a zebra as on private road
CR515	Waitrose Raynes Park		Raised table at junction	3	Υ	Shared use cycle/footway. One
	car park entrance					way in but no triangles on hump
						or cycle warning
CR516	Coombe Lane	A238	Pelican at raised table	2	Υ	No warning of cycle track to south
CR517	Coombe Lane	A238	Pelican with refuge at raised	2	P	Wide crossing outside Raynes
			table			Park station. No tactiles in refuge.
CR518	Lambton Road	A238	Pedestrian phase with island	2	Υ	2 stage, no westbound ASL
	Coombe Lane		Dropped kerbs	3	Υ	Shared cycle/pedestrian crossing.
			• •			V poor visibility under tunnel
						crossing to east
CR520	Coombe Lane	A238	Toucan (Puffin type)	2	Υ	Staggered 2 stage, absence of
			` ,, ,			guardrail good for turning bikes
CR521	Wyke Road		Dropped kerbs	3	N	Northern kerb also forms access
	•					to garage forecourt
CR522	Pepys Road	B235	Zebra with island	2	Υ	3-way island
	Worple Road	A238	Zebra with island	2	Υ	3-way island
	Worple Road	B235	Zebra with island	2	Υ	3-way island
	Pepys Road		Dropped kerbs with refuge	3	N	Narrow refuge (1.4m), damaged
	Cambridge Road		Dropped kerbs	3	N	Poor visibility to s
	Cambridge Road		Dropped kerbs with refuge	2	Υ	Good detail
	Durham Road	B281	Dropped kerbs with refuge	2	Υ	Good detail
	Durham Road		Dropped kerbs with refuge	2	Υ	Good detail
	Durham Road		Dropped kerbs with refuge & build-outs	3	N	Narrow refuge (1.4m)
CR521	Cottenham Park	R281	Dropped kerbs with refuge	3	N	Narrow refuge (1.5m). No
CIVOST	Road	2501	Diopped keips willi leiuge	J	11	footway on n side!
<u></u>	Nuau					TOOLWAY OH II SILLE!

Ref	Road name	Road no.	Туре		Tactil pavin	e Comments g
CR532	Cottenham Park Road	B281	Dropped kerbs with refuge	3	N	Narrow refuge (1.5m)
CR533	Pepys Road		Dropped kerbs with refuge	3	N	Narrow refuge (1.5m)
	Cottenham Park Road	B281	Dropped kerbs with refuge	3	N	Narrow refuge (1.4m)
CR535	Cottenham Park Road	B281	Zebra	2	Υ	
CR536	Cottenham Park Road	B281	Dropped kerbs with refuge	3	N	Narrow refuge (1.3m), 2 poles in refuge
CR537	Woodhayes Road	B281	Dropped kerbs with refuge	3	N	Narrow refuge (1.5m), poor visibility to west
CR538	Copse Hill	B281	Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)
CR539	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)
CR540	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.4m)
CR541	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.4m)
CR542	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.4m)
	Copse Hill		Dropped kerbs with refuge	2	Y	Associated with adjacent new development
	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.4m)
CR545	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.4m)
CR546	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)
CR547	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)
	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)
	Copse Hill		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)
CR550	Woodhayes Road		Dropped kerbs	3	Ν	Status of crossing not clear but
						parking restrictions on both sides
	Woodhayes Road		Zebra	2	N	
	West Side Common		Dropped kerb	3	N	Dropped kerb on east side only
	Cannizaro Road		Dropped kerbs	3	N	Rough paths both sides
CR554	Cannizaro Road	B281	Dropped kerbs - shared	3	N	Loose surfaced shared-use path
			cycles/pedestrians			both sides. No warning signs.
	Cannizaro Road	B281	Dropped kerbs	3	N	Rough paths both sides
CR556	The Causeway		Dropped kerbs - shared	2	N	One-way road. Parking on
			cycles/pedestrians			contraflow lane north side, parallel rough path. No warning signs.
CR557	West Place		Dropped kerb	3	N	Rough path north side, no dropped kerb south side
CR558	The Green		Dropped kerbs with refuge	3	N	Very narrow refuge (<1m) between one-way road & contraflow cycle track
CR559	High Street	A219	Dropped kerbs with refuge	3	Υ	Just adequate refuge (1.6m) but busy & fast traffic
CR560	Marryat Road		Dropped kerbs	3	N	
CR561	High Street Wimbledon	A219	Dropped kerbs	3	N	One-way west but wide with sweeping turn
CR562	The Causeway		Dropped kerbs	2	N	One way. Rough paths both sides.
	The Green		Dropped kerbs with island	2	N	One way out. High kerbs
	Parkside	A219	Dropped kerbs with refuge	3	Υ	Just adequate refuge (1.6m) but busy & fast traffic
CR565	Parkside	A219	Dropped kerbs with refuge	3	Υ	Just adequate refuge (1.6m) but busy & fast traffic

	no.	Level	pavin	e Comments g
CR566 Cannizaro Road	B281 Dropped kerb cycles/pedest	s - shared 3	N	2 adjacent crossings: east - no dropped kerb on south side, west rough paths
CR567 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Just adequate refuge (1.6m) but busy & fast traffic
CR568 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Narrow refuge (1.5m)
CR569 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Narrow refuge (1.5m)
CR570 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Narrow refuge (1.5m)
CR571 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Narrow refuge (1.5m)
CR572 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Narrow refuge (1.5m)
CR573 Parkside	A219 Dropped kerb	s 3	N	Refuge removed
CR574 Somerset Road	Dropped kerb	s 3	N	
CR575 Parkside	A219 Puffin	2	Υ	Narrow footway on west side
CR576 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Just adequate refuge (1.6m) but busy & fast traffic
CR577 Windmill Road	Dropped kerb	s 3	N	Wide crossing
CR578 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Just adequate refuge (1.6m) but busy & fast traffic
CR579 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Adequate refuge (1.8m) but busy & fast traffic
CR580 Parkside	A219 Dropped kerb	s with refuge 3	Υ	Adequate refuge (1.8m) but busy & fast traffic
CR581 Windmill Road	Dropped kerb	s 3	N	Between rough paths (no proper footway)
CR582 Windmill Road	Dropped kerb	s 3	N	Between rough paths (no proper footway)
CR583 Windmill Road	Dropped kerb	s 3	N	Shared use path to north
CR584 Ridgway	Zebra	2	Υ	
CR585 The Downs	Dropped kerb	s 3	N	
CR586 Edge Hill	Dropped kerb	s 3	N	
CR587 Ridgway	Zebra	2	Υ	
CR588 Ridgway	Zebra	2	Υ	
CR589 Ridgway	Dropped kerb		Υ	Narrow refuge (1.2m)
CR590 Ridgway	Zebra	2	Υ	
CR591 Burghley Road	Dropped kerb	s with refuge 3	N	Narrow refuge (1.2m), poor visibility at corners
CR592 Burghley Road	Dropped kerb	s with refuge 3	N	Narrow refuge (1.2m), poor visibility at corners
CR593 Marryat Rd	Dropped kerb	s 3	N	
CR594 Somerset Road	Dropped kerb	s 3	N	Wide crossing with central hatching in place of refuge (removed?)
CR595 Church Road	Dropped kerb	s 3	Υ	Wimbledon vehicle entrance used on west side
CR596 Wimbledon Park Road	Dropped kerb	s 3	Y	Refuge removed. On border with Wandsworth
CR597 Wimbledon Park	Dropped kerb	s with refuge 2	Υ	Just in Wandsworth
CR598 Melrose Ave	Raised table a	t junction 3	Υ	No triangles on ramp. Crossing in block paving
CR599 Revelstoke Road	Dropped kerb	s 3	N	
CR600 Merton Road	A218 Toucan	2	Υ	In Wandsworth

Ref	Road name	Road	Туре			Comments
CR601	Mount Road	no.	Raised table at junction	Level 1	N	Very shallow ramp with no
CKOUI	Widulit Koau		raiseu table at juliction	3	IN	triangles marked
CR602	Durnsford Road	A218	Dropped kerbs with refuge	2	Υ	Good visibility
CR603	Durnsford Road	A218	Pelican	2	Υ	
CR604	Durnsford Road	A218	Pelican at raised table	2	Υ	
CR605	Durnsford Road	A218	Pedestrian phase	2	Υ	Staggered, 2 stage. No ASLs
CR606	Arthur Road		Signalled junction with	3	N	Stop line set back some distance
			dropped kerbs			to west, no ASL
CR607	Durnsford Road	A218	Dropped kerbs	3	N	Very wide crossing at acute angle
CR608	Melrose Avenue		Dropped kerbs	3	N	No cycle exemption for one-way
						signs despite cycle gap
CR609	Arthur Road		Zebra	2	Υ	Excessive guardrail especially on south side
CR610	Arthur Road		Dropped kerbs	2	Υ	Crossing has contrasting surface,
				_	•	hatching in place of refuge
CR611	Home Park Road		Dropped kerbs	2	Υ	Crossing has contrasting surface,
				_	•	hatching in place of refuge
CR612	Home Park Road		Dropped kerbs with build-outs	3	N	
	Durnsford Road	A218	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.5m)
	Endeavour Way		Dropped kerbs	3	Y	
	Durnsford Road	A218	Dropped kerbs with refuge	3	Y	Narrow refuge (1.5m)
	Weir Road		Dropped kerbs with refuge	2	<u>·</u>	Just adequate refuge
	Homebase car park		Dropped kerbs	3	N	Narrow dropped kerbs
	Brickfield Road		Dropped kerbs	3	N	Very grotty
	Homebase car park		Dropped kerbs	3	<u>:\</u>	Very wide
	Plough Lane	R235	Dropped kerbs with refuge	3	<u>!``</u>	Narrow refuge (1.2m) with poor
CNOZO	1 lough Lane	0233	bropped kerbs with refuge	3	IN	visibility to north
CR621	Waterside Way		Dropped kerbs with refuge -	3	Υ	Narrow refuge (1.2m), blocked by
CHOZI	Tracersiae Tray		shared cycle/pedestrian shared	J	•	queuing traffic. Pointless cycle
			·			track
CR622	Plough Lane	B235	Dropped kerbs with refuge	3	N	Wide road, busy traffic by
						industrial estate. Footway blocked
						by Vauxhall dealer parking.
	Merton High Street		Toucan (Puffin type)	2	Υ	Long delay
	Merton High Street	A238	Pelican	2	Υ	
	Abbey Road		Dropped kerbs	3	N	
	Merton High Street		Pedestrian phase	2	Υ	
CR627	Haydons Road	A218	Signalled junction with refuge	3	Р	Narrow refuge (1.4m) with no tactiles
CR628	Merton High Street	A238	Pelican	2	Υ	Red surface of crossing is faded
CR629	Merton High Street	A238	Puffin	2	Υ	
CR630	Merton High Street	A238	Pedestrian phase with island	2	Υ	No ASL
CR631	Morden Road	A219	Pedestrian phase with refuge &	2	Υ	Narrow refuge
			island			
CR632	Kingston Road	A238	Pedestrian phase	2	Υ	Often blocked by traffic. ASL faded.
CR633	Merton Road	A219	Pedestrian phase	2	Υ	No ASL
CR634	Merton Road		Puffin	2	Υ	
	Quicks Road		Dropped kerbs	3	N	
	Haydon's Road	A218	Zebra with refuge	2	Υ	
	Haydon's Road		Dropped kerbs with refuge	3	Υ	Just adequate refuge (1.6m) but busy, fast traffic
CB638	Quicks Road		Dropped kerbs	3	Υ	Sasy, rast traffic
CNOSS	QUICKS NUAU		propher reins	3	T	

Ref	Road name	Road no.	Туре	CSNA C		Comments
CR638	Quicks Road		Dropped kerbs with island	3	N	No dropped kerbs on large central island
CR639	Quicks Road		Dropped kerbs	3	Υ	
CR640	Haydon's Road	A218	Zebra with refuge	2	Υ	
CR641	Haydon's Road	A218	Dropped kerbs with refuge	3	Υ	Markings predating mini-
						roundabout not fully removed
CR642	North Road		Dropped kerbs with refuge	3	Υ	Just adequate refuge but at mini-
						roundabout
CR643	North Road		Dropped kerbs with refuge -	3	Υ	Narrow refuge (1.4m)
CD644	North Road		shared cycle/pedestrian Dropped kerbs with refuge	3	N	Narrow refuge (1.2m), fairly high
CK044	NOITH ROBU		bropped kerbs with reruge	3	IN	speeds at peak times
CR645	East Road		Dropped kerbs with refuge	3	N	Narrow refuge (1.5m)
	North Road		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m), fairly high
						speeds at peak times
CR647	Haydon's Road	A218	Zebra with refuge	2	Υ	
CR648	Haydon's Road		Zebra with refuge	2	Υ	
CR649	Haydon's Road	A218	Zebra with refuge	2	Υ	Unnecessary guardrail especially
						on west side
CR650	Queen's Road		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m), on a slope
						as carriageways at slightly
						different levels!
CR651	Haydon's Road	A218	Puffin with build-outs	2	Υ	Build-outs installed over
CD CE 2	D of and D. and	4240	Donata di Lada di Sala da Cara		N.	southbound cycle lane
	Durnsford Road Plough Lane		Dropped kerbs with refuge Pedestrian phase with refuge &	3 2	N	Narrow refuge (1.4m)
CK053	Plough Lane	B233	island	2	Y	3 stage, staggered island
CR654	Durnsford Road	A218	Pedestrian phase with island	2	Υ	2 stage, staggered
	Gap Road	71210	Pedestrian phase with island	2	Y	2 stage, staggered
	Durnsford Road	A218	Pedestrian phase with island	2	Υ	Staggered, 2 stage
CR657	Plough Lane		Pelican	2	Υ	On route of NCN 20
CR658	Ashcombe Road		Dropped kerbs at raised table	3	Υ	Poor visibility to south, hardly any
						height to table
	Gap Road		Zebra on raised table	2	Υ	
CR660	Gap Road		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.5m), kerb to
						north quite high. Speeds higher
CDCC1	O		Deise d table with refuse		N.I.	than desirable
CK661	Queen's Road		Raised table with refuge	3	N	Just adequate refuge (1.6m) but little speed reduction despite
						speed display
CR662	Queen's Road		Raised table with build-outs	3	N	Narrow build-outs & little speed
						reduction despite speed display
CR663	Queen's Road		Dropped kerbs with build-outs	3	N	At entrance to 20mph limit but no
						real speed reduction.
CR664	Trinity Road		Dropped kerbs	3	N	
	Trinity Road		Dropped kerbs	3	N	
CR666	Ashcombe Road		Dropped kerbs with refuge	3	N	Narrow refuge (1.5m), wide
00000						carriageway
CR667	Queen's Road		Pedestrian phase with refuge &	3	Y	Very confusing phasing, very
CDECO	Centre Court		island	3	Y	narrow island (1m) Very confusing phasing, very
CNODS	shopping centre car		Pedestrian phase with refuge & island	Э	Ĭ	narrow island (1m)
	park		ioraria.			narrow isiana (IIII)
<u> </u>	P 31 17					

CR669 Centre Court shopping centre car park CR670 Queen's Road Puffin 2 Y Markings a bit faded. By park gates. CR671 Trinity Road Dropped kerbs with refuge 3 N Narrow refuge (1.2m) & poor dropped kerbs. CR672 Trinity Road Zebra 2 Y Markings a bit faded. By park gates. CR673 Trinity Road Dropped kerbs with refuge 3 N Just adequate refuge (1.7m) CR674 Trinity Road Dropped kerbs with refuge 3 N Just adequate refuge (1.7m) CR675 Trinity Road Dropped kerbs with refuge 3 N Just adequate refuge (1.7m) CR676 The Broadway A219 Pedestrian phase 2 Y Y CR676 The Broadway A219 Pedestrian phase 2 Y Y CR678 The Broadway A219 Pedestrian phase 2 Y Y CR689 The Broadway A219 Pelican 2 Y Y CR681 The Broadway A219 Pelican 2 Y Y Staggered, 2 Stage. Crossing of bus lane & road. CR684 Beulah Road Raised table at junction 3 Y One-way southbound but shallow table hence little speed reduction CR685 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR687 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR689 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR690 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR691 The Broadway A219 Pelican 2 Y Y 3 way island CR692 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR693 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR696 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR697 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR698 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR699 Wimbledon Bridge A219 Pedestrian phase with island 2 Y 3 way island CR699 Wimbledon Bridge A219 Pedestrian phase with island 2 Y 3 way isla	Ref	Road name	Road no.	Туре	CSNA Level		e Comments
CR671 Trinity Road Dropped kerbs with refuge Zebra Zebera Zebra Zebra Zebra Zebra Zebra Zebra Zebra Zebra Zeb		shopping centre car park		Dropped kerbs	3	Y	To staff entrance only
CR672 Trinity Road Zebra 2 Y Markings ab It faded. By park gates. CR673 Trinity Road Dropped kerbs with refuge 3 N. Just adequate refuge (1.7m) CR674 Trinity Road Dropped kerbs with refuge 3 N. Just adequate refuge (1.7m) CR675 Trinity Road Pedestrian phase 2 Y CR676 The Broadway A219 Pedestrian phase 2 Y CR677 Trinity Road Pedestrian phase 2 Y CR678 The Broadway A219 Pedestrian phase 2 Y CR678 The Broadway A219 Pelican 2 Y CR680 The Broadway A219 Pelican 2 Y CR681 The Broadway A219 Pelican 2 Y CR682 Russell Road Dropped kerbs with island 2 Y Staggered, 2 stage. Crossing of bus lane & road. CR684 Hartfield Road A219 Pedestrian phase with island 2 Y Staggered, 2 stage. Crossing of bus lane & road. CR685 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR687 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR689 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR690 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR691 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR692 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR693 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR694 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR695 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR696 Gladstone Road Pedestrian phase with island 2 Y 3 way island CR697 Hartfield Road Pedestrian phase with island 2 Y 3 way island CR698 HARTFIELD ROAD Pedestrian phase with island 2 Y 3 way island CR698 HARTFIELD ROAD Pedestrian phase with	CR670	Queen's Road		Puffin	2	Υ	
CR673 Trinity Road Dropped kerbs with refuge 3 N Just adequate refuge (1.7m) CR674 Trinity Road Dropped kerbs with refuge 3 N Just adequate refuge (1.7m) CR675 Trinity Road Pedestrian phase 2 Y CR676 The Broadway A219 Pedestrian phase 2 Y CR676 The Broadway A219 Pedestrian phase 2 Y CR677 Trinity Road Pedestrian phase 2 Y CR678 The Broadway A219 Pedestrian phase 2 Y CR679 The Broadway A219 Pedestrian phase 2 Y CR679 The Broadway A219 Pelican 2 Y CR688 The Broadway A219 Pedestrian phase with island 3 Y 2 way either side CR688 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR688 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR688 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR689 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR689 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR689 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR690 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR691 The Broadway A219 Pedestrian phase with island 2 Y 3 way island Warning triangles on approach but very small rise on humpl CR691 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR696 Queen's Road Pedestrian phase with island 2 Y 3 way island CR697 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR698 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR698 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR696 Queen's Road Pedestrian phase with island 2 Y 3 way island CR697 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR698 HaRTFIELD ROAD Pedestrian phase with island	CR671	Trinity Road		Dropped kerbs with refuge	3	N	• , , ,
CR673 Trinity Road Dropped kerbs with refuge 3 N Just adequate refuge (1.7m) CR674 Trinity Road Dropped kerbs with refuge 3 N Just adequate refuge (1.7m) CR675 Trinity Road Pedestrian phase 2 Y CR676 The Broadway A219 Pedestrian phase 2 Y CR677 Trinity Road Pedestrian phase 2 Y CR678 The Broadway A219 Pedestrian phase 2 Y CR678 The Broadway A219 Pedestrian phase 2 Y CR679 The Broadway A219 Pelican 2 Y CR681 The Broadway A219 Pelican 2 Y CR681 The Broadway A219 Pelican 2 Y CR682 Russell Road Dropped kerbs with island 2 Y Staggered, 2 stage. Crossing of bus lane & road. CR684 Beulah Road Raised table at junction 3 Y One-way southbound but shallow table hence little speed reduction CR685 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR688 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR688 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR688 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR689 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR689 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR690 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR690 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR691 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR692 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR693 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR694 Queen's Road Pedestrian phase with island 2 Y 3 way island CR695 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR696 Queen's Road Pedestrian phase with island 2 Y 3 way island CR697 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR698 HARTFIELD ROAD Pedestrian phase with island 2 Y 3 way island CR699 Wimbledon Bridge A219 Pedestrian phase with island 2 Y 3 way island CR699 Wimbledon Bridge A219 Pedestrian phase with island 2 Y 3 way island CR699 Wimbledon	CR672	Trinity Road		Zebra	2	Υ	
CR675 Trinity Road Pedestrian phase 2 Y Y CR676 Trinity Road Pedestrian phase 2 Y Y CR676 Trinity Road Pedestrian phase 2 Y Y CR676 The Broadway A219 Pedestrian phase 2 Y Y CR677 Trinity Road Pedestrian phase 2 Y Y CR678 The Broadway A219 Pedestrian phase 2 Y Y CR678 The Broadway A219 Pedestrian phase 2 Y Y CR679 The Broadway A219 Pelican 2 Y CR680 The Broadway A219 Pelican 2 Y CR681 The Broadway A219 Pelican 2 Y CR681 The Broadway A219 Pelican 2 Y Staggered, 2 stage. Crossing of bus lane & road. CR682 Russell Road Dropped kerbs with island 3 Y 2 way either side CR683 Hartfield Road A219 Pedestrian phase with island 2 Y Staggered, 2 stage. Crossing of bus lane & road. CR684 Beulah Road Raised table at junction 3 Y One-way southbound but shallow table hence little speed reduction CR685 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR686 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR690 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR690 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR690 The Broadway A219 Pedestrian phase with island 2 Y 3 way island Warning triangles on approach but very small rise on humpl CR691 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR696 Queen's Road Pedestrian phase with island 2 Y 3 way island CR697 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR696 Queen's Road Pedestrian phase with island 2 Y 3 way island CR696 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island Pedestrian phase with island 2 Y 3 way island CR697 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR698 HARTFIELD ROAD Pedestrian phase with island 2 Y 3 way island CR699 Wimbledon Bridge A219 Pedestrian phase with island 2 Y 3 way island CR699 Wimbledon Bridge	CR673	Trinity Road		Dropped kerbs with refuge	3	N	Just adequate refuge (1.7m)
CR676 The Broadway	CR674	Trinity Road			3	N	Just adequate refuge (1.7m)
Ref77 Trinity Road	CR675	Trinity Road		Pedestrian phase	2	Υ	
CR678 The Broadway	CR676	The Broadway	A219	Pedestrian phase	2	Υ	
CR679 The Broadway	CR677	Trinity Road		Pedestrian phase	2	Υ	
CR680 The Broadway A219 Pelican 2 Y CR681 The Broadway A219 Pelican 2 Y CR682 Russell Road Dropped kerbs with island 3 Y 2 way either side CR683 Hartfield Road A219 Pedestrian phase with island 2 Y Staggered, 2 stage. Crossing of bus lane & road. CR684 Beulah Road Raised table at junction 3 Y One-way southbound but shallow table hence little speed reduction table hence little speed reduction CR685 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR686 Hartfield Crescent Pedestrian phase with island 2 Y 3 way island CR687 Hartfield Road A219 Dropped kerbs with refuge & island 3 N 2 separate car park accesses, space between is less than 0.5ml Kerbs not flush CR688 Hartfield Road A219 Pedestrian phase with island 2 Y 3 way island CR689 Gladstone Road A219 Pedestrian phase with island 2 Y 3 way island CR690 The Broadway A219 Pedestrian phase with island 2 Y 3 way island CR691 The Broadway A219 Pelican 2 Y 3 way island	CR678	The Broadway	A219	Pedestrian phase	2	Υ	
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			A219				
							No tactiles in refuge

Ref	Road name	Road	Туре	CSNA T	Tactil	e Comments
		no.		Level	pavin	
	Wimbledon Hill Road		Pedestrian phase (diagonal)	3	Υ	Between northwest & southeast corners, no dropped kerbs, long crossing time
CR707	Wimbledon Hill Road	A219	Pedestrian phase	2	Υ	No ASL
	Worple Road		Pedestrian phase with refuge	2	Р	No ASL, no tactiles in refuge
	Wimbledon Hill Road			2	Υ	
CR710	Wimbledon Hill Road	A219	Pedestrian phase	2	Υ	Splitter island to northwest but no refuge
CR711	Mansel Road		Pedestrian phase	2	Υ	
CR712	Woodside		Pedestrian phase	2	Υ	
CR713	Wimbledon Hill Road	A219	Cycle phase with refuges	3	Υ	Cycle crossing through junction - separate refuge for each direction
CR714	Mansel Road		Dropped kerbs	3	N	
CR715	Belvedere Drive		Dropped kerbs	3	Υ	
CR716	High Street Wimbledon		Dropped kerbs with refuge	2	Υ	OK visibility, adequate refuge
CR717	Belvedere Grove		Raised table at junction with build-outs	3	Υ	Little speed reduction
CR718	High Street Wimbledon	A219	Pelican	2	Υ	
CR719	High Street Wimbledon	A219	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.5m), two lanes on approach to roundabout
CR720	Church Road		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.5m), two lanes on approach to roundabout
CR721	High Street Wimbledon	A219	Puffin	2	Υ	
CR722	High Street Wimbledon	A219	Pegasus (Puffin type)	2	Υ	Not clear if cyclists permitted as well!
CR723	High Street Wimbledon	A219	Puffin	2	Υ	
CR724	HIGH STREET		Raised table	3	N	Narrow ghost refuge only, confusing layout as one-way but 2 lanes
CR725	Church Road		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)
CR726	Burghley Road		Dropped kerbs	3	N	
CR727	St Mary's Road		Dropped kerbs	3	N	Wide crossing with central hatching in place of refuge
CR728	St Mary's Road		Dropped kerbs	3	N	Driveway used as north dropped kerb
CR729	St Mary's Road		Dropped kerbs with refuge	3	N	Narrow refuge (1.4m)
CR730	ST MARY'S ROAD		Dropped kerbs	3	N	Raised table to south can't be used as no footway on west side, just grass
CR731	ALAN ROAD		Raised table at junction	3	N	
CR732	Alan Road		Dropped kerbs with build-outs	3	N	
	Belvedere Grove		Dropped kerbs with build-outs	3	N	
	Belvedere Ave		Raised table	3	N	Poor visibility, 2 way traffic
CR735	St. Mary's Rd		Raised table at junction	3	Υ	Poor visibility round corner, wide crossing. No footway on north side to crossing of Lake Rd
CR736	CHURCH HILL		Dropped kerbs with refuge	2	N	2.22 to crossing or Lake Ita
	Lake Road		Raised table with build-out	<u>-</u>	<u>'\</u>	Build-out to east
	Arthur Road		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)

Ref	Road name	Road	Туре	CSNA 1	Factil	e Comments
		no.		Level	oavin	g
CR739	Leopold Road		Dropped kerbs with build-outs	3	N	
CR740	LEOPOLD ROAD		Dropped kerbs with build-outs	3	N	
CR741	Leopold Road		Dropped kerbs with refuge	3	N	Need to be aware of northbound traffic from 2 directions
CR742	Leopold Road		Zebra with build-outs	2	Υ	
CR743	Lake Road		Raised table at junction	3	N	
CR744	Woodside		Dropped kerbs	3	N	
CR745	Leopold Road		Dropped kerbs with build-out	3	Υ	Build-out on north, heavy traffic, narrow road
CR746	Strathearn Road		Dropped kerbs	3	N	Central hatching, splitter island to south with no dropped kerbs
CR747	Alexandra Road	B235	Zebra	2	Υ	
CR748	Alexandra Road	B235	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.25m)
CR749	Waitrose Wimbledon access road		Dropped kerbs	3	Υ	Wide crossing - poor standard for new development
CR750	Alexandra Road	B235	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.25m)
	Alexandra Road		Dropped kerbs with refuge	3	Y	Narrow refuge (1.25m)
	Wimbledon station		Dropped kerbs	3	<u>·</u> N	Taxi access, car park exit. South
CI(752	service road		Dropped Kerbs	3	.,	side uses access road crossover.
CR753	St George's Road		Dropped kerbs with refuge	3	Υ	Legal parking bay obstructs dropped kerb on south-east side
CR754	Raymond Road		Dropped kerbs	3	N	No tactiles
	Worple Road	B235	Puffin with refuge	<u></u>	 Y	
	Raymond Road	D233	Dropped kerbs with refuge	<u>-</u>	<u>·</u>	Narrow refuge (1.25m)
	Worple Road	B235	Dropped kerbs with refuge	3	<u>!`</u>	Narrow refuge (1.4m)
	Worple Road		Pelican with refuge	2	Y	Narrow refuge (1.4m) but single- stage crossing
CR759	Worple Road	B235	Dropped kerbs with refuge	3	N	Narrow refuge (1.4m)
	Worple Road		Dropped kerbs with refuge	2	Y	Wide refuge
	Worple Road		Pelican with refuge	 2	<u>·</u> У	
	EDGE HILL	D233	Dropped kerbs	3	<u>·</u>	
	Worple Road	B235	Pelican with refuge	2	Y	Narrow refuge (1.2m) but single stage crossing
CR764	Worple Road	B235	Pelican	2	Υ	
	The Downs		Dropped kerbs	3	N	
	Lower Downs Road		Pedestrian phase with refuge & island	2	Υ	3 stage crossing, island a bit narrow
CR767	Worple Road	B235	Pedestrian phase with island	2	Υ	
	Worple Road		Pelican	2	Υ	Excessive guardrail esp. on southeast of crossing
CR769	Worple Road	B235	Dropped kerbs with refuge	3	Y	Adequate width refuge but fairly high speeds, southern kerb not flush
CR770	Lower Downs Road		Dropped kerbs	3	Υ	Poor crossing off line of railway path. Poor visibility through bridge. Gulley on east side.
CR771	Toynbee Road		Raised table at junction	3	Υ	Little speed reduction
CR772	Lower Downs Road		Dropped kerbs	3	N	Poorly located gulley
CR773	Kingston Road	A238	Toucan	2	Υ	No cycle track on west side
CR774	Kingston Road	A238	Toucan	2	Υ	
CR775	Watery Lane		Dropped kerbs	3	N	One-way but wide
CR776	Watery Lane		Dropped kerbs	3	N	Driveway used on east side
CR777	Watery Lane		Dropped kerbs	3	N	One-way but wide

Ref	Road name	Road no.	Туре	CSNA C		Comments
CR778	Merton Hall Road		Dropped kerbs	3	N	Wide crossing
CR779	Kingston Road	A238	Puffin	2	Υ	
	Cannon Hill Lane		Dropped kerbs with refuge & island	3	N	Narrow eastern refuge (1.2m)
CR781	Kingston Road	A238	Pelican with build-outs	2	Υ	
CR782	Kingston Road	A238	Pedestrian phase with island	2	Y	2 stage, staggered with long sheep-pen
CR783	Bushey Road	A298	Pedestrian phase with refuge & island	2	Υ	3 stage, staggered refuge
CR784	Kingston Road	A238	Pedestrian phase with refuge & island	2	Υ	2 stage with narrow refuge (1.2m)
CR785	Bushey Road	A298	Pedestrian phase with island	2	Υ	2 stage, staggered. Large refuge with pointless barrier!
CR786	Martin Way	B286	Signalled junction with refuge	3	Υ	Narrow refuge (1.4m)
CR787	Bushey Road	A298	Dropped kerbs with refuge	3	Υ	Straight, 40mph road. Crossings of cycle track parallel to road.
CR788	David Lloyd Centre access road		Dropped kerbs with refuge	3	N	Crossing for cycle track. Bollards with no signs on desire line.
CR789	David Lloyd Centre access road		Zebra	2	N	Not legal as on private road
CR790	Bushey Road	A298	Dropped kerbs with refuge	3	Υ	Straight, 40mph road. Crossings of cycle track parallel to road.
CR791	Bushey Road	A298	Pedestrian phase with refuge & island	2	Υ	3 stage with 1 staggered island
CR792	Grand Drive	B279	Pedestrian phase with refuge	2	Υ	Narrow refuge but single stage
	Bushey Road		Pedestrian phase with island	2	Υ	3 stage with 1 staggered island
	Grand Drive		Pedestrian phase	2	Υ	
CR795	Approach Road		Toucan (Puffin type) with	2	Υ	Link to Raynes Park station &
			refuge			subway. Narrow refuge (1.5m).
CR796	Raynes Park station industrial estate access		Dropped kerbs	3	N	Outside station entrance
CR797	Approach Road	B279	Pedestrian phase with refuge	2	Υ	Post in centre of refuge
CR798	Approach Road	A238	Pedestrian/cycle phase	2	Υ	Links to CR799
CR799	Approach Road	A238	Pedestrian/cycle phase	2	Υ	Links to CR798
CR800	West Barnes Lane	B282	Pelican with build-out	2	Υ	Build-out on east side. Excessive guardrail on both sides.
CR801	Bodnant Gardens		Raised table at junction with refuge	3	Υ	Narrow refuge (1.5m) & shallow ramps
CR802	Bodnant Gardens		Raised table	3	Υ	Outside school
CR803	West Barnes Lane	B282	Pelican with refuge	2	Υ	Long guardrail on east side
CR804	Tesco New Malden car park exit		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)
CR805	Tesco New Malden car park		Dropped kerbs	3	Y	Road recently converted to one- way exit (with pinch point) but widely ignored
CR806	Burlington Road	B282	Pelican with refuge	2	Υ	
CR807	BURLINGTON ROAD		Pelican	2	Υ	Car parking on footway close to crossing
CR808	Burlington Road	B282	Pelican	2	Υ	Excessive guardrail
	Tesco New Malden car park access		Dropped kerbs with island	3	Y	Fast moving traffic onto / off A3 slip, excessive guardrail including on island

Ref	Road name	Road no.	Туре	CSNA T		Comments
CR810	Burlington Road	B282	Cycle/pedestrian phase with island	2	Υ	Wide shared path across island with guardrail, but narrow shared footway on south side
CDQ11	Malden Way	B383	Cycle/pedestrian phase	2	Y	Links to CR812 via track under A3
	Malden Way		Cycle/pedestrian phase	<u>2</u>	<u>'</u> Y	Links to CR811 via track under A3
	BURLINGTON ROAD		Dropped kerbs	3	N	Dropped kerbs not aligned. Also serves shared use footway
CR814	Shannon Corner car park		Raised table at junction	3	Υ	Entrance/exit to multi-storey car park. Poor visibility for vehicles exiting.
CR815	Shannon Corner retail park car park		Dropped kerbs	3	Υ	Wide crossing
CR816	Burlington Road	B282	Toucan (Puffin type)	2	Υ	Links shared use footways
CR817	Shannon Corner car park entrance		Cycle/pedestrian phase with island	2	Υ	Links to crossing under A3
CR818	Shannon Corner car park exit		Dropped kerbs with island	3	Υ	Not clear why this isn't signalled
CR819	Beverley Way	B282	Cycle/pedestrian phase	2	Υ	Links to CR820 via track under A3
CR820	Beverley Way		Cycle/pedestrian phase	2	Υ	Links to CR819 via track under A3
CR821	Shannon Corner industrial estate north		Dropped kerbs	3	Y	
CR822	Shannon Corner industrial estate north		Dropped kerbs	3	Υ	Wide crossing
CR823	Bushey Road	А3	Subway	0	N	Ramps. No "No Cycling" sign from A3 slip road footway
CR824	Bushey Road	A298	Subway	0	N	Ramps but "No Cycling" sign
CR825	Beverley Way	A3	Subway	0	N	Ramps. No "No Cycling" sign from western A3 footway.
CR826	Bushey Road	A298	Dropped kerbs	3	Υ	Crossing to bus stop. Confusing as road appears to be one-way but is not
CR827	Bushey Road	A298	Dropped kerbs with refuge	3	Υ	To bus stop. Busy link between A3 & A298
CR828	Bushey Road	A298	Subway	0	Υ	Ramps & wide subway but "No Cycling" signs
	Claremont Avenue		Dropped kerbs	3	N	
CR830	Claremont Avenue		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
	Station Road		Dropped kerbs	3	Υ	Dropped kerbs misaligned
	Station Road		Dropped kerbs	3	N	
	West Barnes Lane		Zebra with refuge	2	Υ	Narrow refuge
	Seaforth Avenue		Dropped kerbs	3	N	
	Seaforth Avenue		Raised table junction	3	Y	
CR836	West Barnes Lane		Dropped kerbs with refuge	2	Y	Just adequate refuge (1.75m). Blocked by queuing vehicles at level crossing.
CR837	West Barnes Lane		Dropped kerbs with refuge	3	Υ	Adequate refuge (1.6m-1.8m) but wide exit from roundabout
CR838	West Barnes Lane		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR839	Westway		Dropped kerbs	3	N	One-way but two lanes of traffic
CR840	Westway		Raised table at junction	3	Υ	One-way off mini-roundabout but little speed reduction

Ref	Road name	Road	Type	CSNAT	[actil	e Comments
Kei	Roau Hairie	no.	Туре	Level		
CR841	Grand Drive		Puffin	2	Υ	9
CR842	Grand Drive		Signalled junction with refuge	3	Υ	Narrow refuge (1.2m)
CR843	Crossway		Pedestrian phase with island	2	Υ	
	Grand Drive	B279	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR845	Grand Drive		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR846	Grand Drive		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR847	Heath Drive		Dropped kerbs	3	Υ	
CR848	Grand Drive	B279	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.4m)
CR849	Grand Drive	B279	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR850	Grand Drive	B279	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR851	Grand Drive	B279	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR852	Grand Drive	B279	Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR853	Cannon Hill Lane		Dropped kerbs with refuge	3	N	Narrow refuge (1.2m)
CR854	Martin Way	B286	Dropped kerbs with refuge	2	Υ	
CR855	Martin Way	B286	Dropped kerbs with refuge	2	Υ	
CR856	Martin Way	B286	Dropped kerbs with refuge	2	Υ	
CR857	Martin Way	B286	Raised table with refuge	2	Υ	Wide island, little speed reduction
CR858	Cannon Hill Lane		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR859	Martin Way	B286	Zebra with refuge on raised	2	Υ	
			table			
CR860	Cannon Hill Lane		Dropped kerbs with refuge	3	Υ	Narrow refuge (1.2m)
CR861	Martin Way		Dropped kerbs with refuge	3	Υ	By shops, can be obstructed by
						parking - needs build-out on north
						side
CR862	Martin Way		Dropped kerbs with refuge	2	Υ	
CR863	Martin Way	B286	Dropped kerbs with build-outs	3	Ν	South side of crossing obstructed
						by planting
	Martin Way		Zebra with refuge	2	Υ	
CR865	Martin Way		Dropped kerbs with refuge	2	Υ	Ghost build-outs (hatching)
CR866	Martin Way	B286	Dropped kerbs with refuge	2	Υ	
	Mostyn Road		Dropped kerbs	3	N	Queuing traffic at peak times
	Martin Way	B286	Dropped kerbs with refuge	2	Υ	Heavy fast traffic but wide refuge
CR869	Martin Way		Pedestrian phase	2	Υ	
CR870	Crown Lane	B286	Pedestrian phase	2	Υ	Splitter island to east but no
						refuge
	Links Avenue		Pedestrian phase	2	Y	
	Links Avenue		Dropped kerbs with refuge	2	N	
	Hillcross Avenue		Dropped kerbs with refuge	3	N	Poor visibility crossing to south
	Hillcross Avenue		Dropped kerbs with refuge	2	Y	
	Hillcross Avenue		Dropped kerbs with refuge	2	N	
CR876	Ashridge Way		Dropped kerbs	3	Ν	Outside 20mph zone although
						nearer to school entrance
CR877	Hillcross Avenue		Raised table with refuge	2	Υ	Boundary of 20mph zone (to
60076	11:11		7-h	~		west)
CR878	Hillcross Avenue		Zebra with refuge on raised	2	Υ	
CD070	Manddai-l- D		table	2		
	Monkleigh Road		Dropped kerbs	3	N	Douglass of 200
CK880	Hillcross Avenue		Raised table with refuge	2	Υ	Boundary of 20mph zone (to
CD004	Lillonge Averses		Dropped korbs with refus-	·····	N 1	east). Shallow ramps.
	Hillcross Avenue		Dropped kerbs with refuge	2	<u>N</u>	
	Hillcross Avenue		Dropped kerbs	3	N	Stoon kowh to word laws or the
CKSS3	Hillcross Avenue		Dropped kerbs with refuge	2	N	Steep kerb to west, lamp column
						in middle of eastern ramp

Ref	Road name	Road	Туре	CSNA 7	Factile	e Comments
		no.		Level	oavin	g
CR884	Churston Drive		Dropped kerbs	3	N	
CR885	Hillcross Avenue		Pelican	2	Υ	Slightly to east of desire line
						connecting paths either side
CR886	Hillcross Avenue		Dropped kerbs with refuge	2	N	
CR887	Hillcross Avenue		Dropped kerbs with refuge	3	Ν	Overly wide carriageways
						onto/off roundabout
CR888	Lower Morden Lane		Dropped kerbs with refuge	2	Υ	High kerbs at road narrowing's
CR889	Tudor Drive	B279	Dropped kerbs with refuge	3	Ν	Overly wide carriageways onto/
						off roundabout. No deflection
						onto roundabout so high speeds.
CR890	Lower Morden Lane		Dropped kerbs with refuge	3	Ν	Wide carriageways onto/off
						roundabout
CR891	Grand Drive	B279	Dropped kerbs with refuge	3	N	Overly wide carriageways
						onto/off roundabout
CR892	Grand Drive	B279	Puffin with refuge at raised	2	Υ	Excessive guardrail on west side
			table			
CR893	Grand Drive	B279	Dropped kerbs with refuge	2	Υ	Narrow refuge (1.4m), excessive
						guardrail to north on west side
CR894	Grand Drive	B279	Pedestrian phase on raised	2	Υ	Excessive guardrail
			table			
CR895	Grand Drive	B279	Pedestrian phase on raised	2	Υ	
			table			
CR896	Cannon Hill Lane		Pedestrian phase on raised	2	Υ	
			table			
CR897	Churston Drive		Dropped kerbs	3	N	North-east corner used for both
						crossings
CR898	Cannon Hill Lane		Dropped kerbs	3	N	North-east corner used for both
						crossings
CR899	Parkway		Dropped kerb	3	N	No footway on north side, but
						hatching around corner
CR900	Cannon Hill Lane		Dropped kerbs	3	N	Access to Cannon Hill Common
						footpath. Drive used to west.
CR901	Cannon Hill Lane		Dropped kerbs	3	Ν	Access to cycle track. Drive used
						to west.
CR902	Monkleigh Road		Dropped kerbs	3	N	Used as access to forecourt
						parking