Proposed Change of Use
Christ Embassy, Reading

Transport Statement

For

Mazars LLP

motion

Document Control Sheet

Transport Statement

Christ Embassy, Reading

Mazars LLP

This document has been issued and amended as follows:

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1.0 Introduction

1.1 This Transport Statement has been prepared on behalf of Mazars to accompany a planning application for a temporary change of use from B1 use to D1 use for The Christ Embassy Church. The site previously had a temporary consent for the same change of use for a three year period which expired on the 2nd August 2013 (Planning Application 10/00985/FUL)

1.2 The site is located at Unit 5 Weighbridge Row, which is a private cul-de-sac within the Cardiff Road Industrial area, Reading. Weighbridge Row provides access to 6 business units. Cardiff Road runs west to east from Richfield Avenue with the majority of the road passing through the Industrial Area, however towards its eastern end it is within a residential area with high levels of on street parking. To prevent vehicles from the Industrial Area passing through the residential streets the road is closed to all motor vehicles by a row of bollards 50 metres to the east of the junction of Cardiff Road with Weighbridge Row. At the point of closure however pedestrian and cycle access is maintained.

1.3 Weighbridge Row is located within 1 kilometre of Reading Railway Station and just over 600 metres from bus stops on Caversham Road, which are served by several services. Car parks at Rivermead Leisure Centre and the town centre are also within close proximity of the site to supplement the provision of on-site car parking.

1.4 The Christ Embassy Church which has 2 main services a week held on a Wednesday evening between 7pm and 9pm and on a Sunday morning between 10am and 12.30pm, with a service having an average congregation of 130 people. Smaller prayer meetings occur on a Friday and minor activities occur at other times of the week preparing for the main services.

1.5 This report has been prepared in accordance with current best practice guidance and demonstrates that:

- The proposals accord with national and local polices relevant to transport;
- The site is accessible by public transport, walking and cycling;
- Suitable and appropriate access to the site can be achieved from Cardiff Road;
- The level of parking provision proposed complies with the requirements of Reading Borough Councils Supplementary Planning Document "Revised Parking Standards and Design"; and,
- The levels of traffic associated with the proposals will be negligible.

1.6 Following this introduction the Transport Statement is split into 6 sections as follows:

- Section 2 outlines the transport planning policies that are considered to be pertinent to this application;
- Section 3 reviews the accessibility of the site by all modes of transport;
- Section 4 reviews the proposed parking demand;
- Section 5 reviews the trip generation associated with the proposals; and,
- Section 6 summarises and concludes this report.

2.0 Policy

National Planning Policy Framework

2.1 The National Planning Policy Framework (NPPF) was published in March 2012, and replaces the previous national planning policies that were set out in the various Planning Policy Guidance Notes / Statements. With regard to transport, the NPPF replaces policy contained within PPG13 (Transport).

2.2 The NPPF sets out a presumption in favour of sustainable development that recognises the importance of transport policies in facilitating sustainable development, and that planning decisions should have regard to local circumstances. In this regard, paragraph 29 of the NPPF states that:

"*The transport system needs to be balanced in favour of sustainable transport modes, giving people a real choice about how they travel. However, the Government recognises that different policies and measures will be required in different communities and opportunities to maximise sustainable transport solutions will vary from urban to rural areas*."

2.3 Moreover, paragraph 30 states that:

"*… local planning authorities should therefore support a pattern of development which, where reasonable to do so, facilitates the use of sustainable modes of transport*."

2.4 Furthermore, when considering development proposals paragraph 32 of the NPPF states that:

"*All developments that generate significant amounts of movements, as determined by local criteria, should be supported by a Transport Statement or Transport Assessment. Planning policies and decisions should consider whether:*

- *The opportunities for sustainable transport modes have been taken up depending on the nature and location of the site, to reduce the need for major transport infrastructure;*
- *Safe and suitable access to the site can be achieved for all people; and,*
- *Improvements can be undertaken within the transport network that cost effectively limit the impacts of the development."*

2.5 Paragraph 32 also states that:

"Development should only be prevented or refused on transport grounds where the residual cumulative impacts of development are severe."

2.6 With regards parking Paragraph 39 , states that:

"*If setting local parking standards for residential and non-residential development, local planning authorities should take into account:*

- *The accessibility of the development*
- *The type, mix and use of development*
- *The availability of and opportunities for public transport*
- *Local car ownership levels; and*
- *An overall need to reduce the use of high-emission vehicles*

Planning Practice Guidance

2.7 The Planning Practice Guidance is the Department for Communities and Local Governments (DCLG) web based planning resource which was launched on the 6th March 2014 and replaces the previous planning circulars and directions which have been cancelled. The web based guidance brings together the planning practice guidance for England in a single location and is an indication of the Secretary of States views on how the polices within the NPPF should be implemented. With regards parking provision, paragraph 008 states

"local authorities should seek to ensure parking provision is appropriate to the needs of the development"

Reading Borough Council Local Development Framework

2.8 Planning applications within Reading Borough are assessed against the planning polices contained within the Core Strategy adopted in January 2008 and The Sites and Detailed Polices Document adopted in October 2012.

2.9 A summary of the polices which are relevant to the proposals are as follows:

- *Core Strategy Policy CS22 - Transport Assessments:* Developments should ensure an adequate level of accessibility.
- *Core Strategy Policy CS24 - Car/Cycle Parking:* Car parking standards and cycle parking requirements will be applied in relation to the accessibility of locations to sustainable transport facilities.
- *Sites and Detailed Polices Document Policy DM12*: Access and servicing arrangements to developments should be safe and comply with the Highway Authorities standards.

2.10 Having regard to core strategy policy CS24 it should be noted that the adopted parking standards are set out in the Reading Borough Council Supplementary Planning Document entitled "*Revised Parking Standards and Design"* adopted October 2011. The guidance operates on a zonal system depending on the proximity of sites to local centres and public transport provision. Places of worship/offices located within zone 2 should provide the following amount of parking:

Land Use	Parking Standard Zone 2
D1 Place of Worship	1 space per 10 fixed seats and/or 1 per 20 square metres Open Hall
B1 Office	1 space per 100 square metres

Table 2.1 – Reading Borough Council Parking Standards

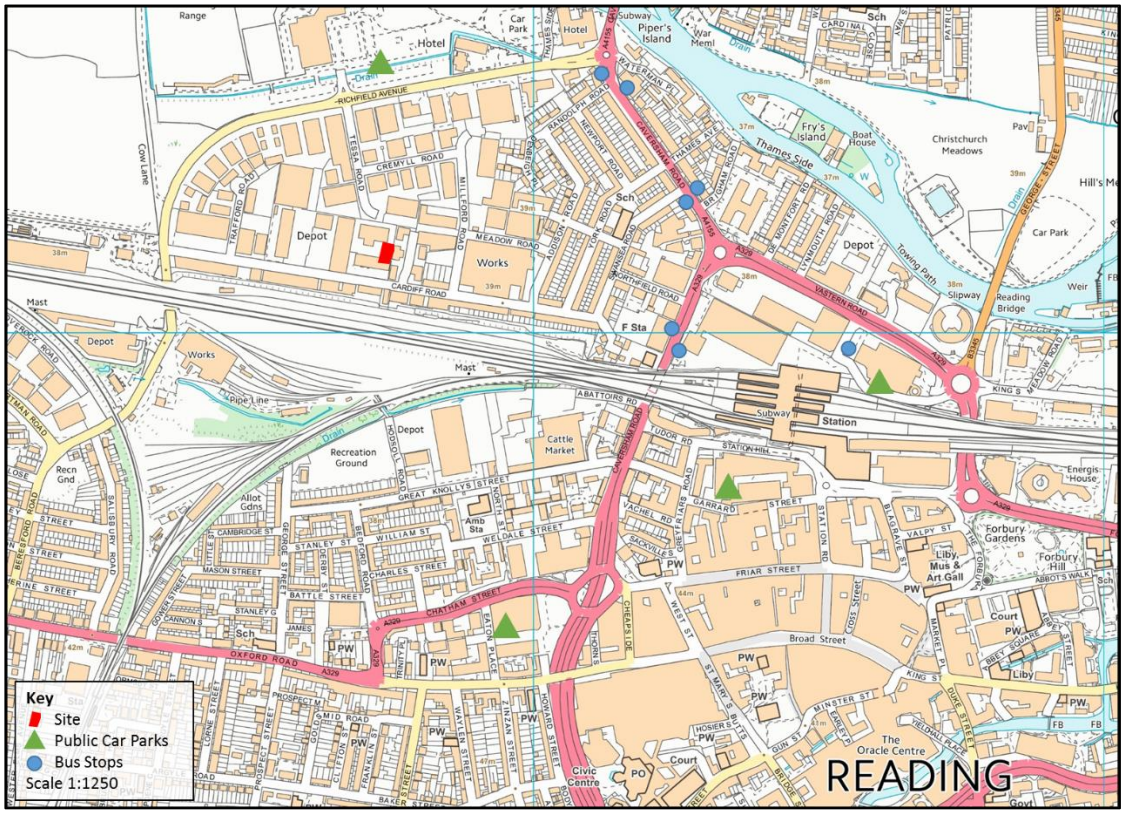
Summary

2.11 On the basis of the above review it is evident that the location of the site in relation to sustainable modes of transport is taken in to account when assessing the acceptability of a proposed development. Furthermore, developers are required to provide parking at levels that will encourage users to travel by modes other than the private car whist accommodating the anticipated parking demands.

2.12 The following sections of this report therefore review the accessibility of the site and evaluate the parking provision and demand for the church.

3.0 Baseline Conditions

3.1 The site is located on Weighbridge Row within the Cardiff Road Industrial Area. To the north lies Richfield Avenue and the Rivermead leisure complex and car park, which is a short 5 to 10 minute walk from the site via Tessa Road, Cremyll Road and Millford Road. To the east is Victorian terraced housing which leads to Caversham Road and onto Reading Station and bus interchange. The town centre is located 1.5 kilometres to the south east of the site. The location of the site is shown below.



Site Location

3.2 The site currently accommodates a single modern light industrial unit within a development of 6 similar units along Weighbridge Row and is provided with 8 parking spaces. Weighbridge Row is a shared surfaced road with a width of 5.5 metres. Cardiff Road is 7.3 metres wide with 1.8 metre wide footways and is accessed directly from Richfield Road at a simple "T" junction. Richfield Road is accessible from either the A4155 Caversham Road or from the A329 Oxford Road via Portman Road. Both these classified roads bring access to the wider highway network including the Inner Distribution Road and further destinations such as Wokingham, Henley, Woodcote, and Pangbourne.

Sustainable Transport Accessibility

3.3 It is generally accepted that walking and cycling provide important alternatives to the private car, and should also be encouraged to form part of longer journeys via public transport. Indeed, it is noteworthy that the Institute of Highways and Transportation (IHT) has prepared several guidance documents that provide advice with respect to the provision of sustainable travel in conjunction with new developments. Within these documents it is suggested that:

- Most people will walk to a destination that is less than one mile (Planning for Walking, 2015);
- The bicycle is a potential mode of transport for all journeys under five miles (Planning for Cycling, 2015); and,
- Walking distances to bus stops should not exceed 400 metres, whilst people are prepared to walk twice as far to rail stations (Planning for Walking, 2015).

3.4 It should be noted that the Highways Officers provided comments regarding sustainability within the temporary planning consent in 2011, which stated "*The application site is situated midway along Cardiff Road, which is outside of the town centre area (as defined within the Borough Plan) but still within walking distance of the rail and bus interchange in the town centre so is therefore accessible to good public transport links.*" Since these comments were made the new northern interchange and entrance to Reading Station has opened reducing the distance from the station entrance to the site.

Accessibility by Cycling

3.5 Reading has an extensive network of cycle routes and these are shown within **Appendix A.** Cardiff Road is a designated quiet cycle route linking the station and town centre with Reading cycle routes R5 and R40 which provide safe routes for cyclists to the west and north Reading. From the station there are several designated cycle routes which provide access to south and east Reading.

Accessibility by Bus

3.6 The nearest bus stops are on Caversham Road approximately 400 metres from the site by foot. These Bus stops provide access to routes 22, 24, operated by Reading Buses, routes X40 and X39 operated by Thames Travel and route 800, operated by Arriva. The timetables for these services are included as **Appendix B**. The table below summarises the bus services and destinations available from these bus stops.

Service Number and Route		**Approximate Frequency**	
		Monday - Saturdays	**Sundays**
22	Reading – Station North – Caversham Heights	Every 30 minutes	Hourly
24	Emmer Green - Reading	Every 20 minutes	Every 30 minutes
X39/40	Oxford – Wallingford - Reading	Every 30 minutes	Hourly
800	High Wycombe – Marlow – Henley - Reading	Every 30 minutes	

Table 3.1 – Bus Services

3.7 The bus interchange at Reading Station is within 1 kilometre of the site and provides access to a large range of services covering the entire Greater Reading area as well as outlying settlements. A copy of the is included in **Appendix C.**

Accessibility by Rail

Reading Rail station is located approximately 1 kilometre to the south-east of the site and is easily accessible by foot. Reading Rail station is the second busiest interchange station in England after Birmingham New Street and is located at the cross point of the main western main line and north south cross country lines. Destinations including Newbury, Bournemouth, Manchester Piccadilly, London Paddington, Oxford, Penzance, London Waterloo, Cardiff Central, Newcastle, Bristol Temple Meads and Gatwick Airport can be accessed from Reading station.

Summary of Baseline Conditions

3.8 The above review demonstrates the site is readily accessible by a variety of modes of transport that will offer visitors to the church a real choice in how they travel. It is therefore considered that the location of the site accords with the guiding principles of the National Planning Policy Framework and the adopted polices of Reading Borough Councils Local Development Framework.

4.0 Parking Demand

4.1 Weighbridge Row is a private road and each unit along the road has a provision of allocated parking either in front or to the side of the unit. The provision per units is as follows;

- Unit 1 – 4 spaces
- Unit 2 – 4 spaces
- Unit 3 – 8 spaces
- Unit 4 – 4 spaces
- Unit 5 (Application site) – 8 spaces
- Unit 6 – 4 spaces

4.2 In addition to these spaces there are 22 unallocated spaces for all the units along the eastern side of Weighbridge Row, as shown in the image below.

Parking along Weighbridge Row

4.3 Within the Industrial Estate, unrestricted parking is permitted along the majority of the roads. Along Cardiff Road, Tessa Road, Cremyll Road and Millford Road some day time limited weighting restrictions, Monday to Saturday 8am to 6pm, are in place to prevent indiscriminate parking obstructing the roads for deliveries. No parking at any time restrictions are in place at junctions within the estate in the interests of safety. The residential area at the east end of Cardiff Road is a controlled parking zone solely for permit holders and no public parking is available.

4.4 The church services are within an open planned 121 square metre hall with no fixed seats. In accordance with Reading Borough Councils Revised Parking Standards and Design Supplementary Planning Document, parking for a site within zone 2 should be provided with 1 space per 20 square metres of hall area, which equates to 6 spaces.

4.5 In additional to the hall there are office areas which total 100 square meters and in accordance with the parking standards the office requires 1 car parking space per 100 square metre for a zone 2 site, which equates to 1 space.

4.6 Whilst there is a cafeteria within the building this is ancillary to the church use and is not open to the public, therefore no additional parking provision is necessary for this use. The parking provision available on site is 8 spaces which is in excess of the 7 spaces required in accordance with the Councils standards.

4.7 It is accepted however that during a Sunday Service the congregation can be up to 130 attendees and even though the site is in an accessible location and has a parking provision in accordance with the council's standards, parking demand may be greater than the parking provision.

4.8 However the site is within an industrial area where during weekday evenings and weekends (the main operating times of the church) there is spare capacity on the neighbouring road network to accommodate any additional vehicle parking. Parking demand surveys were carried out on Wednesday 11th November and Sunday 15th November to determine the available on street parking capacity and the full surveys are provided within **Appendix D**.

4.9 The parking demand surveys were undertaken before, during and after the services held on a Wednesday and Sunday and the results are detailed in Tables 4.1, 4.2, 4.3 and 4.4.

Road	TIME					
	09:30 Before Service			11:00 During Service		
	Spaces Available	Spaces Occupied	Free Spaces	Spaces Available	Spaces Occupied	Free Spaces
Cardiff Road	76	31	45	76	32	44
Trafford Road	43	8	35	43	8	35
Weighbridge Row	22	5	17	22	19	3
Milford Road	49	21	28	49	21	28
Meadow Road	12	2	10	12	5	7
Addison Road	5	5	0	5	4	1
Cremyll Road	36	1	35	36	10	26
Tessa Road	46	7	39	46	17	29
TOTAL	**289**	**80**	**209**	**289**	**116**	**173**

Table 4.1 – On Street Parking Space Demand Sunday 15th November

Road	TIME		
	13:00 After Service		
	Spaces Available	Spaces Occupied	Free Spaces
Cardiff Road	76	38	38
Trafford Road	43	8	35
Weighbridge Row	22	21	1
Milford Road	49	17	32
Meadow Road	12	6	6
Addison Road	5	5	0
Cremyll Road	36	13	23
Tessa Road	46	17	29
TOTAL	**289**	**125**	**164**

Table 4.2 – Continued On Street Parking Space Demand Sunday 15th November

Road	TIME					
	18:30 Before Service			20:00 During Service		
	Spaces Available	Spaces Occupied	Free Spaces	Spaces Available	Spaces Occupied	Free Spaces
Cardiff Road	76	39	37	76	33	43
Trafford Road	43	10	33	43	7	36
Weighbridge Row	22	9	13	22	13	9
Milford Road	49	27	22	49	31	18
Meadow Road	15	3	12	15	4	11
Addison Road	5	5	0	5	3	2
Cremyll Road	36	4	32	36	6	30
Tessa Road	46	6	40	46	8	38
TOTAL	**292**	**103**	**189**	**292**	**105**	**173**

Table 4.3 – On Street Parking Space Demand Wednesday 11th November

Road	TIME		
	22:00 After Service		
	Spaces Available	Spaces Occupied	Free Spaces
Cardiff Road	73	38	35
Trafford Road	43	7	36
Weighbridge Row	22	8	14
Milford Road	49	24	25
Meadow Road	15	5	10
Addison Road	0	0	0
Cremyll Road	36	7	29
Tessa Road	46	3	43
TOTAL	**284**	**92**	**192**

Table 4.4 – Continued On Street Parking Space Demand Wednesday 11th November

4.10 The surveys have shown that during peak times at the Church, any on street parking which may occur is not detrimental to the on street parking provision on the neighbouring highway network. On a Sunday there are 289 on street parking spaces available and at 9:30, 30 minutes before the service at the Church commences, there are 209 free on street parking spaces (72% of available spaces), while during the service at 11:00 there are 173 free on street parking spaces (60% of available spaces). At 13:00, 30 minutes after the service has finished there are 164 free on street parking spaces (57% of available spaces).

4.11 During a weekday evening there are 292 available parking spaces available at 18:30 but this reduces to 284 available parking spaces after 20:00. The difference in the on street parking provision for a weekday evening compared to a weekend is a result of the varying times the various traffic regulation orders covering parking permits and limited waiting parking restrictions are in force on the local network. However on a Wednesday evening at 18:30, 30 minutes before the service begins there are 189 free on street parking spaces (65% of available spaces), while during the service at 20:00 there are 187 free on street parking spaces (64% of available spaces). At 22:00, 1 hour after the service has finished there are 192 free on street parking spaces (67% of available spaces).

4.12 These results clearly show that even at peak times the traffic generation associated with the church does not result in the on street parking provision on the neighbouring highway network being significantly reduced and the implications of any additional parking is minimal and non-material.

5.0 Trip Generation

5.1 While the church has had a temporary consent to operate from the premises, prior to this the unit was used as a B1 office. Therefore the potential weekly trip generation implications from the church on the highway network have been assessed against this previous use.

5.2 As such, the TRICS database (version 7.2.3) has been interrogated in order to quantify the levels of traffic flows that are likely to be associated with the proposed development. The trip rates that have been extracted from the database are based on the following search parameters:

- Land Use – B1 Office, Place of Worship
- Regions – England & Wales (excluding Greater London)
- Size – B1 Office (Under 999 sqm), Place of Worship (under 1200 sqm)
- Date Range – 2001 onwards
- Selected days – Weekdays and weekends; and;
- Selected Locations – Edge of Town / Suburban

5.3 Weekly trip generations have been used as the hours of operation between a business and a place of worship are considerably different. Copies of the TRICS output reports are provided at **Appendix E,** while a summary of the weekly trips are provided in Table 5.1.

Site Use	Weekly number of Trips
B1 Office (340 sqm) , operational Monday to Friday	171 vehicle trips
Church with ancillary offices and services Wednesday evening and Sunday morning.	94 vehicle trips

Table 5.1 – Predicted Weekly number of Trips

5.4 The assessment of the church's weekly trips within Table 5.1 is robust. TRICS does not contain details of weekday evening services within the Places of Worship land category. Therefore the Sunday trip rate has been used for the Wednesday service even though the weekday evening congregation is smaller than the congregation for a Sunday service.

5.5 The analysis shows that the proposed permanent change of use from a B1 office to a church will have a reduction in the level of vehicle trips on the neighbouring highway network. To this end, it is concluded that the proposals would not result in a material impact from a highway and transportation perspective, let alone the severe impact that is referred to within the National Planning Policy Framework. As such the proposals should not be resisted on the basis that they will be detrimental to the free flow of traffic on the local highway network.

6.0 Summary and Conclusions

6.1 This Transport Statement has been prepared on behalf of Mazars LLP to accompany a planning application for the temporary change of use from B1 Offices to a D1 Place of Worship at unit 5, Weighbridge Row, Reading.

6.2 This Transport Statement demonstrates that the site benefits from access to a good network of pedestrian links, which connect the site to the public transport network that serves the local area. On that basis, it is considered that the site is located to provide a real choice of travel modes to and from the site.

6.3 The parking provision on-site conforms with the requirements of Reading Borough Councils Supplementary Planning Document "Revised Parking Standards and Design" and the parking surveys have shown there is sufficient capacity on street for any over flow parking.

6.4 It has been shown that the proposals are unlikely to have a material impact upon the local highway network. Indeed, the vehicle trip weekly generations indicates that the church will generate less trips than that by a B1 office use.

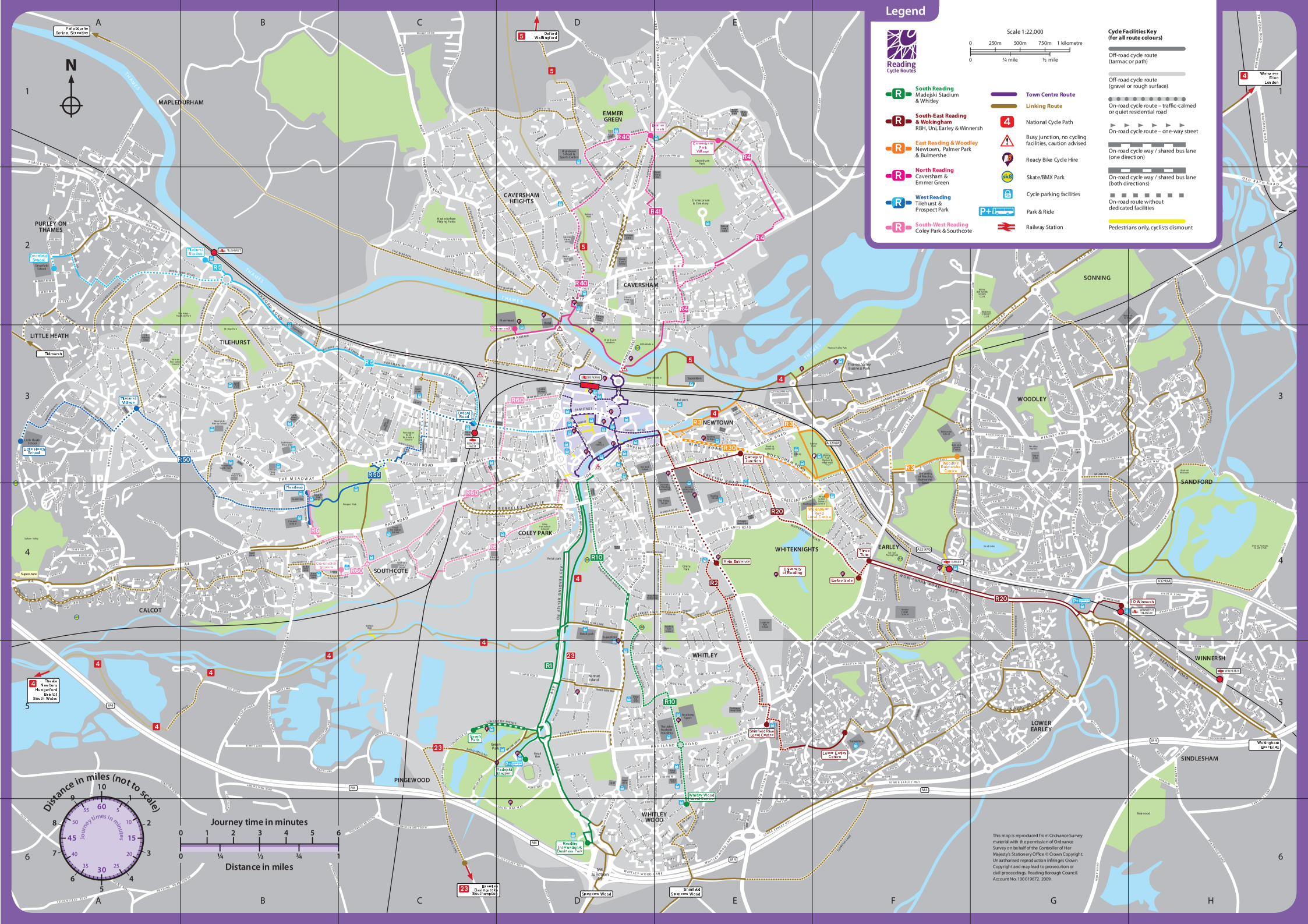
6.5 In summary, the report demonstrates the following:

- The location of the site accords with the relevant national and local transport planning polices;
- The site benefits from access to a sustainable transport network that provides alternatives to the private car;
- The parking provision accords with adopted standards
- The anticipated level of traffic associated with the development will not lead to any demonstrable harm upon the operation of the local highway network.

6.6 On the basis of the above, it is concluded that the proposals accord with national and local transport related policies and as such, there appear no reasons why the proposals should be resisted on traffic and transportation grounds.

Appendix A

Reading Cycle Map


Legend
Reading Cycle Routes
Scale 1:22,000
0 250m 500m 750m 1 kilometre
0 ¼ mile ½ mile
South Reading
Madejski Stadium & Whitley
South-East Reading & Wokingham
RBH, Uni, Earley & Winnersh
East Reading & Woodley
Newtown, Palmer Park & Bulmershe
North Reading
Caversham & Emmer Green
West Reading
Tilehurst & Prospect Park
South-West Reading
Coley Park & Southcote
Town Centre Route
Linking Route
National Cycle Path
Busy junction, no cycling facilities, caution advised
Ready Bike Cycle Hire
Skate/BMX Park
Cycle parking facilities
Park & Ride
Railway Station
Cycle Facilities Key (for all route colours)
Off-road cycle route (tarmac or path)
Off-road cycle route (gravel or rough surface)
On-road cycle route – traffic-calmed or quiet residential road
On-road cycle route – one-way street
On-road cycle way / shared bus lane (one direction)
On-road cycle way / shared bus lane (both directions)
On-road route without dedicated facilities
Pedestrians only, cyclists dismount
N
MAPLEDURHAM
PURLEY ON THAMES
LITTLE HEATH
TILEHURST
EMMER GREEN
CAVERSHAM HEIGHTS
CAVERSHAM
NEWTOWN
COLEY PARK
SOUTHCOTE
CALCOT
PINGEWOOD
WHITLEY
WHITLEY WOOD
WHITEKNIGHTS
EARLEY
WOODLEY
SONNING
SANDFORD
WINNERSH
LOWER EARLEY
SINDLESHAM
Journey times in minutes
Distance in miles (not to scale)
Journey time in minutes
Distance in miles
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Appendix B

Bus Timetables

all buses from Friar Street to Caversham Library via Station North

pink routes 22 & 24

buses leave from Friar Street, stop FL

Mon to Fri

24	5.00 am	24	10.50 am
24	5.25 am		then at 10 15 30 45 50 until
22	5.40 am	24	
24	5.55 am	22	
22	6.10 am	24	
24	6.15 am	22	
22	6.31 am	24	
24	6.32 am	22	7.15 pm
22	6.51 am	22	7.35 pm
24	6.52 am	24	7.45 pm
24	7.10 am	22	8.05 pm
22	7.15 am	24	8.10 pm
24	7.28 am	24	8.40 pm
24	7.46 am	22	8.45 pm
22	7.47 am	24	9.10 pm
24	8.00 am	22	9.45 pm
22	8.19 am	24	10.10 pm
24	8.30 am	22	11.00 pm
24	8.46 am	24	11.10 pm
24	9.08 am		
22	9.22 am		
24	9.28 am		
22	9.46 am		
24	9.48 am		
24	10.10 am		
22	10.16 am		
24	10.30 am		
22	10.45 am		

Sat

24	5.26 am	24	7.40 pm
22	5.58 am	22	7.45 pm
24	6.29 am	24	8.10 pm
22	6.58 am	24	8.40 pm
24	7.13 am	22	8.45 pm
22	7.27 am	24	9.10 pm
24	7.43 am	22	9.45 pm
22	7.57 am	24	10.10 pm
24	8.13 am	22	10.45 pm
22	8.27 am	24	11.10 pm
24	8.42 am	22	11.45 pm
22	8.57 am		
24	9.10 am		
	then every 10-20 mins until		
24	11.45 am		
24	12.10 pm		
22	12.11 pm		
24	12.30 pm		
22	12.41 pm		
24	12.50 pm		
24	1.10 pm		
22	1.11 pm		
24	1.30 pm		
22	1.45 pm		
24	1.50 pm		
	then at 10 15 30 45 50 until		
22	7.15 pm		

Sun

22	8.35 am
24	9.20 am
22	9.35 am
24	9.50 am
	then at 20 35 50 until
22	6.35 pm
24	6.50 pm
24	7.20 pm

journey time 7-11 mins

returning from Caversham Library via Station North

buses leave from bus stop near Caversham Library entrance

Mon to Fri

24	5.22 am
24	5.47 am
22	6.02 am
24	6.17 am
22	6.34 am
24	6.39 am
22	6.55 am
24	7.01 am
22	7.18 am
24	7.21 am
24	7.42 am
22	7.49 am
24	8.03 am
22	8.21 am
24	8.25 am
24	8.42 am
22	8.50 am
24	8.57 am
24	9.09 am
22	9.21 am
24	9.21 am
24	9.41 am
22	9.52 am
24	10.01 am
22	10.17 am
24	10.21 am
24	10.43 am
22	10.47 am

24	11.03 am
	then at least every 20 mins until
22	4.18 pm
24	4.25 pm
24	4.44 pm
	then every 10-20 mins until
24	8.37 pm
24	9.05 pm
22	9.08 pm
24	9.35 pm
22	10.08 pm
24	10.34 pm
22	11.23 pm
24	11.34 pm
24	12.10 am
24	1.25 am
24	2.40 am

Friday night only

Sat

24	5.48 am
22	6.21 am
24	6.52 am
22	7.22 am
24	7.38 am
22	7.51 am
24	8.09 am
	then every 10-20 mins until
22	7.12 pm
24	7.19 pm
24	7.39 pm
22	7.44 pm
24	8.09 pm
22	8.14 pm
24	8.37 pm
24	9.07 pm
22	9.11 pm
24	9.36 pm
22	10.10 pm
24	10.35 pm
22	11.09 pm
24	11.34 pm
22	12.09 am
24	12.10 am

Sun

22	9.02 am
24	9.46 am
22	10.02 am
24	10.16 am
	then at 02 16 46 until
22	7.02 pm
24	7.16 pm
24	7.46 pm
24	8.14 pm
24	9.14 pm
24	10.14 pm
24	11.14 pm

Caversham Heights | Station North | Reading via Albert Road | Caversham Centre | Caversham Bridge

pink 22

Mondays to Fridays except public holidays

	am	am	am	am	am	am	am
St Andrew's Church	5.50	6.20	6.41	7.03	7.30	8.04	8.35
St Peter's Avenue	5.56	6.27	6.48	7.11	7.39	8.12	8.42
Caversham Library	6.02	6.34	6.55	7.18	7.49	8.21	8.50
Reading Stn North stop NC	6.05	6.37	6.58	7.23	7.54	8.27	8.55
Central Reading Friar St	6.08	6.41	7.02	7.28	8.01	8.35	9.03

	am	am	am	am	am	am	pm
St Andrew's Church	9.05	9.35	10.00	10.30	10.59	11.29	12.00
St Peter's Avenue	9.13	9.44	10.09	10.39	11.08	11.38	12.09
Caversham Library	9.21	9.52	10.17	10.47	11.16	11.46	12.17
Reading Stn North stop NC	9.26	9.55	10.20	10.50	11.19	11.49	12.20
Central Reading Friar St	9.31	10.00	10.25	10.55	11.24	11.54	12.25

	pm	pm	pm	pm	pm	pm	pm
St Andrew's Church	12.31	1.00	1.30	2.00	2.30	3.01	3.31
St Peter's Avenue	12.40	1.09	1.38	2.08	2.38	3.09	3.39
Caversham Library	12.48	1.17	1.45	2.15	2.45	3.16	3.46
Reading Stn North stop NC	12.51	1.20	1.49	2.19	2.49	3.20	3.50
Central Reading Friar St	12.56	1.25	1.54	2.24	2.54	3.25	3.55

	pm	pm	pm	pm	pm	pm	pm
St Andrew's Church	4.03	4.33	5.04	5.34	6.04	6.32	7.02
St Peter's Avenue	4.11	4.41	5.12	5.42	6.12	6.39	7.09
Caversham Library	4.18	4.48	5.19	5.49	6.19	6.46	7.16
Reading Stn North stop NC	4.22	4.52	5.23	5.53	6.23	6.50	7.20
Central Reading Friar St	4.27	4.57	5.28	5.58	6.28	6.54	7.24

	pm	pm	pm	pm	pm	pm
St Andrew's Church	7.30	7.50	8.19	8.57	9.57	11.12
St Peter's Avenue	7.37	7.57	8.24	9.02	10.02	11.17
Caversham Library	7.44	8.04	8.30	9.08	10.08	11.23
Reading Stn North stop NC	7.48	8.08	8.32	9.10	10.10	11.25
Central Reading Friar St	7.52	8.12	8.36	9.14	10.14	11.29

Saturdays

	am	am	am	am	am	am	am
St Andrew's Church	6.09	7.09	7.38	8.08	8.38	9.08	9.30
St Peter's Avenue	6.15	7.15	7.44	8.14	8.44	9.15	9.37
Caversham Library	6.21	7.22	7.51	8.21	8.51	9.22	9.44
Reading Stn North stop NC	6.24	7.25	7.54	8.24	8.54	9.26	9.48
Central Reading Friar St	6.27	7.28	7.57	8.27	8.57	9.30	9.52

	am		pm	pm	
St Andrew's Church	10.00	then every 30 mins until	12.30	1.00	then every 30 mins until
St Peter's Avenue	10.08		12.38	1.08	
Caversham Library	10.17		12.47	1.15	
Reading Stn North stop NC	10.22		12.52	1.20	
Central Reading Friar St	10.26		12.56	1.25	

	pm	pm	pm	pm	pm	pm	pm
St Andrew's Church	3.30	4.00	4.30	5.00	5.30	5.58	6.28
St Peter's Avenue	3.38	4.07	4.37	5.07	5.37	6.05	6.35
Caversham Library	3.45	4.14	4.44	5.14	5.44	6.12	6.42
Reading Stn North stop NC	3.50	4.18	4.48	5.18	5.48	6.16	6.46
Central Reading Friar St	3.55	4.23	4.53	5.23	5.52	6.20	6.50

	pm	pm	pm	pm	pm	pm	pm
St Andrew's Church	6.58	7.30	8.00	8.57	9.58	10.57	11.57
St Peter's Avenue	7.05	7.37	8.07	9.04	10.04	11.03	12.03
Caversham Library	7.12	7.44	8.14	9.11	10.10	11.09	12.09
Reading Stn North stop NC	7.16	7.47	8.17	9.14	10.13	11.12	12.12
Central Reading Friar St	7.20	7.51	8.21	9.18	10.16	11.15	12.15

Sunday & public holiday bus times are on page 20

Reading | Station North | Caversham Heights via Albert Ro ad | Caversham Centre | Caversham Bridge

Mondays to Fridays except public holidays

	am	am	am	am	am	am	am
Central Reading Friar St stop FL	5.40	6.10	6.31	6.51	7.15	7.47	8.19
Reading Station North stop NA	5.42	6.12	6.33	6.55	7.19	7.51	8.23
Caversham Library	5.46	6.16	6.37	6.59	7.26	7.59	8.29
St Andrew's church	5.49	6.19	6.40	7.02	7.29	8.03	8.34
St. Peter's Avenue	5.56	6.27	6.48	7.11	7.39	8.12	8.42

	am	am		pm	pm	pm
Central Reading Friar St stop FL	9.22	9.45	then every 30 mins until	2.15	2.45	3.15
Reading Station North stop NA	9.25	9.49		2.19	2.49	3.19
Caversham Library	9.31	9.55		2.25	2.56	3.26
St Andrew's church	9.34	9.59		2.29	3.00	3.30
St. Peter's Avenue	9.44	10.08		2.38	3.09	3.39

	pm	pm	pm	pm	pm	pm	pm
Central Reading Friar St stop FL	3.45	4.15	4.45	5.15	5.45	6.15	6.45
Reading Station North stop NA	3.51	4.21	4.51	5.21	5.51	6.20	6.50
Caversham Library	3.58	4.28	4.59	5.29	5.59	6.27	6.57
St Andrew's church	4.02	4.32	5.03	5.33	6.03	6.31	7.01
St. Peter's Avenue	4.11	4.41	5.12	5.42	6.12	6.39	7.09

	pm	pm	pm	pm	pm	pm
Central Reading Friar St stop FL	7.15	7.35	8.05	8.45	9.45	11.00
Reading Station North stop NA	7.19	7.39	8.09	8.48	9.48	11.03
Caversham Library	7.25	7.45	8.14	8.52	9.52	11.07
St Andrew's church	7.29	7.49	8.18	8.56	9.56	11.11
St. Peter's Avenue	7.37	7.57	8.24	9.02	10.02	11.17

Sunday & public holiday bus times are on page 20

Saturdays

	am	am	am		am	am
Central Reading Friar St stop FL	5.58	6.58	7.27	then every 30 mins until	8.57	9.15
Reading Station North stop NA	6.01	7.01	7.30		9.00	9.19
Caversham Library	6.05	7.05	7.34		9.04	9.25
St Andrew's church	6.08	7.08	7.37		9.07	9.29
St. Peter's Avenue	6.15	7.15	7.44		9.15	9.37

	am	am	am	am	am	
Central Reading Friar St stop FL	9.45	10.15	10.45	11.14	11.41	then every 30 mins until
Reading Station North stop NA	9.49	10.19	10.49	11.18	11.45	
Caversham Library	9.55	10.25	10.55	11.25	11.54	
St Andrew's church	9.59	10.29	10.59	11.29	11.59	
St. Peter's Avenue	10.08	10.38	11.08	11.38	12.08	

	pm	pm		pm	pm	pm
Central Reading Friar St stop FL	1.11	1.45	then every 30 mins until	3.15	3.45	4.15
Reading Station North stop NA	1.15	1.49		3.19	3.49	4.19
Caversham Library	1.24	1.55		3.25	3.55	4.25
St Andrew's church	1.29	1.59		3.29	3.59	4.29
St. Peter's Avenue	1.38	2.08		3.38	4.07	4.37

	pm	pm	pm	pm	pm	pm	pm
Central Reading Friar St stop FL	4.45	5.15	5.45	6.15	6.45	7.15	7.45
Reading Station North stop NA	4.49	5.19	5.48	6.18	6.48	7.19	7.49
Caversham Library	4.55	5.25	5.53	6.23	6.53	7.25	7.55
St Andrew's church	4.59	5.29	5.57	6.27	6.57	7.29	7.59
St. Peter's Avenue	5.07	5.37	6.05	6.35	7.05	7.37	8.07

	pm	pm	pm	pm
Central Reading Friar St stop FL	8.45	9.45	10.45	11.45
Reading Station North stop NA	8.48	9.49	10.48	11.48
Caversham Library	8.52	9.54	10.52	11.52
St Andrew's church	8.56	9.57	10.56	11.56
St. Peter's Avenue	9.04	10.04	11.03	12.03

Caversham Heights | Reading

via Caversham Bridge & Station North

pink 22

Sundays

	am		pm	pm	pm	pm
Friar Street stop FL	8.35	then **every hour** until	3.35	4.35	5.35	6.35
Station North stop NA	8.39		3.39	4.39	5.39	6.39
Caversham Library	8.44		3.44	4.45	5.45	6.45
St Andrew's church	8.48		3.48	4.49	5.49	6.49
St. Peter's Avenue	8.55		3.55	4.56	5.56	6.56

public holidays

	am		pm	pm	pm	pm	pm
Friar Street stop FL	7.35	then **every hour** until	3.35	4.35	5.35	6.35	7.35
Station North stop NA	7.39		3.39	4.39	5.39	6.39	7.39
Caversham Library	7.44		3.44	4.45	5.45	6.45	7.45
St Andrew's church	7.48		3.48	4.49	5.49	6.49	7.49
St. Peter's Avenue	7.55		3.55	4.56	5.56	6.56	7.56

Sundays

	am		pm	pm	pm	pm
St Andrew's Church	8.49	then **every hour** until	3.49	4.50	5.50	6.50
St Peter's Avenue	8.55		3.55	4.56	5.56	6.56
Caversham Library	9.02		4.02	5.02	6.02	7.02
Central Reading Friar St	9.09		4.09	5.08	6.08	7.08

public holidays

	am		pm	pm	pm	pm	pm
St Andrew's Church	7.49	then **every hour** until	3.49	4.50	5.50	6.50	7.50
St Peter's Avenue	7.55		3.55	4.56	5.56	6.56	7.56
Caversham Library	8.02		4.02	5.02	6.02	7.02	8.02
Central Reading Friar St	8.09		4.09	5.08	6.08	7.08	8.08

all buses from Friar Street to Caversham Library via Station North

pink routes 22 & 24

buses leave from Friar Street, stop FL

Mon to Fri

24	5.00 am	24	10.50 am
24	5.25 am		then at 10 15 30 45 50 until
22	5.40 am	24	
24	5.55 am	22	
22	6.10 am	24	
24	6.15 am	22	
22	6.31 am	24	
24	6.32 am	22	7.15 pm
22	6.51 am	22	7.35 pm
24	6.52 am	24	7.45 pm
24	7.10 am	22	8.05 pm
22	7.15 am	24	8.10 pm
24	7.28 am	24	8.40 pm
24	7.46 am	22	8.45 pm
22	7.47 am	24	9.10 pm
24	8.00 am	22	9.45 pm
22	8.19 am	24	10.10 pm
24	8.30 am	22	11.00 pm
24	8.46 am	24	11.10 pm
24	9.08 am		
22	9.22 am		
24	9.28 am		
22	9.46 am		
24	9.48 am		
24	10.10 am		
22	10.16 am		
24	10.30 am		
22	10.45 am		

Sat

24	5.26 am	24	7.40 pm
22	5.58 am	22	7.45 pm
24	6.29 am	24	8.10 pm
22	6.58 am	24	8.40 pm
24	7.13 am	22	8.45 pm
22	7.27 am	24	9.10 pm
24	7.43 am	22	9.45 pm
22	7.57 am	24	10.10 pm
24	8.13 am	22	10.45 pm
22	8.27 am	24	11.10 pm
24	8.42 am	22	11.45 pm
22	8.57 am		
24	9.10 am		
	then every 10-20 mins until		
24	11.45 am		
24	12.10 pm		
22	12.11 pm		
24	12.30 pm		
22	12.41 pm		
24	12.50 pm		
24	1.10 pm		
22	1.11 pm		
24	1.30 pm		
22	1.45 pm		
24	1.50 pm		
	then at 10 15 30 45 50 until		
22	7.15 pm		

Sun

22	8.35 am
24	9.20 am
22	9.35 am
24	9.50 am
	then at 20 35 50 until
22	6.35 pm
24	6.50 pm
24	7.20 pm

journey time 7-11 mins

returning from Caversham Library via Station North

buses leave from bus stop near Caversham Library entrance

Mon to Fri

24	5.22 am
24	5.47 am
22	6.02 am
24	6.17 am
22	6.34 am
24	6.39 am
22	6.55 am
24	7.01 am
22	7.18 am
24	7.21 am
24	7.42 am
22	7.49 am
24	8.03 am
22	8.21 am
24	8.25 am
24	8.42 am
22	8.50 am
24	8.57 am
24	9.09 am
22	9.21 am
24	9.21 am
24	9.41 am
22	9.52 am
24	10.01 am
22	10.17 am
24	10.21 am
24	10.43 am
22	10.47 am

24	11.03 am
	then at least every 20 mins until
22	4.18 pm
24	4.25 pm
24	4.44 pm
	then every 10-20 mins until
24	8.37 pm
24	9.05 pm
22	9.08 pm
24	9.35 pm
22	10.08 pm
24	10.34 pm
22	11.23 pm
24	11.34 pm
24	12.10 am
24	1.25 am
24	2.40 am

Friday night only

Sat

24	5.48 am
22	6.21 am
24	6.52 am
22	7.22 am
24	7.38 am
22	7.51 am
24	8.09 am
	then every 10-20 mins until
22	7.12 pm
24	7.19 pm
24	7.39 pm
22	7.44 pm
24	8.09 pm
22	8.14 pm
24	8.37 pm
24	9.07 pm
22	9.11 pm
24	9.36 pm
22	10.10 pm
24	10.35 pm
22	11.09 pm
24	11.34 pm
22	12.09 am
24	12.10 am

Sun

22	9.02 am
24	9.46 am
22	10.02 am
24	10.16 am
	then at 02 16 46 until
22	7.02 pm
24	7.16 pm
24	7.46 pm
24	8.14 pm
24	9.14 pm
24	10.14 pm
24	11.14 pm

Emmer Green | Reading via Rotherfield Way | Hemdean Road | Caversham Centre

Mondays to Fridays except public holidays

	am	am	am	am	am	am	am	am	am	am	am	am	am		am
Chalgrove Way	5.13	5.38	6.08	6.28	6.48	7.07	7.27	7.47	8.09	8.27	8.42	8.55	9.07	then every 20 mins until	10.07
Peppard Rd Kiln Rd	5.15	5.40	6.10	6.30	6.50	7.10	7.30	7.50	8.12	8.30	8.45	8.57	9.10		10.10
St Barnabas Church	5.17	5.42	6.12	6.33	6.53	7.13	7.33	7.53	8.15	8.33	8.48	9.00	9.13		10.13
Caversham Library	5.22	5.47	6.17	6.39	7.01	7.21	7.42	8.03	8.25	8.42	8.57	9.09	9.21		10.21
Reading Station North stop NC	5.26	5.51	6.21	6.43	7.05	7.27	7.49	8.11	8.33	8.48	9.03	9.15	9.26		10.26
Central Reading Friar St	5.29	5.54	6.24	6.47	7.09	7.32	7.54	8.18	8.40	8.54	9.09	9.21	9.30		10.30

	am		am	am	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm
Chalgrove Way	10.29	then every 20 mins until	11.29	11.49	12.10	12.30	12.49	1.08	1.28	1.49	2.09	2.29	2.52	3.12	3.34
Peppard Rd Kiln Rd	10.32		11.32	11.52	12.13	12.33	12.52	1.11	1.31	1.52	2.12	2.32	2.55	3.15	3.37
St Barnabas Church	10.35		11.35	11.55	12.16	12.36	12.55	1.14	1.34	1.55	2.15	2.35	2.58	3.18	3.40
Caversham Library	10.43		11.43	12.02	12.23	12.43	1.02	1.21	1.41	2.02	2.22	2.42	3.05	3.28	3.47
Reading Station North stop NC	10.48		11.48	12.07	12.28	12.48	1.07	1.26	1.46	2.07	2.27	2.47	3.10	3.33	3.52
Central Reading Friar St	10.52		11.52	12.12	12.33	12.53	1.12	1.31	1.51	2.12	2.32	2.52	3.15	3.38	3.57

	pm	pm	pm	pm		pm	pm	pm	pm	pm	pm	pm	pm	pm	pm
Chalgrove Way	3.52	4.12	4.31	4.55	then every 20 mins until	6.15	6.33	6.53	7.10	7.29	8.02	8.27	8.55	9.25	10.25
Peppard Rd Kiln Rd	3.55	4.15	4.34	4.58		6.18	6.36	6.56	7.12	7.31	8.04	8.29	8.57	9.27	10.27
St Barnabas Church	3.58	4.18	4.37	5.01		6.21	6.39	6.59	7.14	7.33	8.06	8.31	8.59	9.29	10.29
Caversham Library	4.05	4.25	4.44	5.08		6.28	6.46	7.06	7.21	7.40	8.13	8.37	9.05	9.35	10.34
Reading Station North stop NC	4.10	4.30	4.49	5.13		6.33	6.51	7.11	7.25	7.44	8.17	8.40	9.08	9.38	10.37
Central Reading Friar St	4.15	4.35	4.54	5.18		6.38	6.56	7.16	7.30	7.49	8.22	8.45	9.13	9.43	10.41

	pm	am	am	am
Chalgrove Way	11.25			
Peppard Rd Kiln Rd	11.27	12.05	1.20	2.35
St Barnabas Church	11.29	12.06	1.21	2.36
Caversham Library	11.34	12.10	1.25	2.40
Reading Station North stop NC	11.37	▼	▼	▼
Central Reading Friar St	11.41	12.13	1.28	2.43

Friday nights only

Emmer Green | Reading via Rotherfield Way | Hemdean Road | Caversham Centre

pink 24

Saturdays

	am	am	am	am	am	am	am	am	am	am	am	am	am	am	pm	pm	pm
Chalgrove Way	5.39	6.42	7.27	7.57	8.27	8.57	9.28	9.48	10.08	10.28	10.48	11.08	11.28	11.50	12.10	12.32	12.52
Peppard Rd Kiln Rd	5.41	6.44	7.30	8.00	8.30	9.00	9.31	9.51	10.11	10.31	10.51	11.11	11.31	11.53	12.13	12.35	12.55
St Barnabas Church	5.43	6.46	7.32	8.02	8.32	9.03	9.34	9.54	10.14	10.34	10.54	11.13	11.34	11.56	12.16	12.38	12.58
Caversham Library	5.48	6.52	7.38	8.09	8.39	9.11	9.42	10.02	10.22	10.44	11.01	11.23	11.41	12.03	12.23	12.45	1.05
Reading Station North stop NB	5.50	6.54	7.41	8.12	8.42	9.15	9.46	10.06	10.26	10.49	11.06	11.28	11.46	12.08	12.28	12.50	1.10
Central Reading Friar St	5.53	6.58	7.45	8.16	8.46	9.20	9.51	10.11	10.31	10.54	11.11	11.33	11.51	12.13	12.33	12.55	1.15

	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm
Chalgrove Way	1.12	1.32	1.51	2.09	2.29	2.49	3.10	3.31	3.52	4.12	4.32	4.51	5.11	5.31	5.49	6.08	6.28
Peppard Rd Kiln Rd	1.15	1.35	1.54	2.12	2.32	2.52	3.13	3.34	3.55	4.15	4.35	4.54	5.14	5.34	5.52	6.11	6.30
St Barnabas Church	1.18	1.38	1.57	2.15	2.35	2.55	3.16	3.37	3.58	4.18	4.38	4.57	5.17	5.37	5.55	6.14	6.33
Caversham Library	1.25	1.45	2.04	2.22	2.42	3.02	3.23	3.44	4.05	4.25	4.45	5.04	5.24	5.44	6.02	6.21	6.40
Reading Station North stop NB	1.30	1.50	2.09	2.27	2.47	3.07	3.28	3.49	4.10	4.30	4.50	5.09	5.29	5.49	6.07	6.24	6.43
Central Reading Friar St	1.35	1.55	2.14	2.32	2.52	3.12	3.33	3.54	4.15	4.35	4.55	5.14	5.34	5.54	6.12	6.29	6.48

	pm	pm	pm	pm	pm	pm	pm	pm	pm	am	am	am
Chalgrove Way	6.48	7.08	7.28	7.58	8.26	8.56	9.25	10.25	11.24			
Peppard Rd Kiln Rd	6.50	7.10	7.30	8.00	8.28	8.58	9.27	10.27	11.26	12.05	1.20	2.35
St Barnabas Church	6.53	7.12	7.32	8.02	8.30	9.00	9.29	10.29	11.28	12.06	1.21	2.36
Caversham Library	7.00	7.19	7.39	8.09	8.37	9.07	9.36	10.35	11.34	12.10	1.25	2.40
Reading Station North stop NB	7.03	7.22	7.42	8.12	8.40	9.10	9.39	10.37	11.36	▼	▼	▼
Central Reading Friar St	7.08	7.27	7.47	8.17	8.45	9.15	9.43	10.41	11.40	12.13	1.28	2.43

Sundays

	am		pm	pm	pm	pm	pm
Chalgrove Way	9.35	then every 30 mins until	7.35				
Peppard Rd Kiln Rd	9.38		7.38	8.07	9.07	10.07	11.07
St Barnabas Church	9.40		7.40	8.08	9.08	10.08	11.08
Caversham Library	9.46		7.46	8.14	9.14	10.14	11.14
Reading Station North stop NB	9.51		7.51	8.18	9.18	10.18	11.18
Central Reading Friar St	9.57		7.57	8.23	9.23	10.23	11.23

public holiday bus times are on page 21

Reading | Station North | Emmer Green via Caver sham Centre | Hemdean Road | Rotherfield Way

Mondays to Fridays except public holidays

	am	am	am	am	am	am	am	am	am	am	am	am	am	am	am
Central Reading Friar St stop FL	5.00	5.25	5.55	6.15	6.32	6.52	7.10	7.28	7.46	8.00	8.30	8.46	9.08	9.28	9.48
Reading Station North stop NA	5.02	5.27	5.57	6.17	6.34	6.54	7.13	7.32	7.50	8.04	8.34	8.50	9.12	9.32	9.52
Caversham Library	5.06	5.31	6.01	6.21	6.38	6.59	7.19	7.39	8.00	8.14	8.42	8.57	9.18	9.38	9.58
Chalgrove Way	5.12	5.37	6.07	6.27	6.44	7.05	7.26	7.46	8.08	8.26	8.53	9.06	9.26	9.46	10.06

	am		pm	pm	pm	pm	pm	pm	pm	pm		pm	pm	pm
Central Reading Friar St stop FL	10.10	then every 20 mins until	2.10	2.30	2.50	3.10	3.30	3.50	4.10	4.30	then every 20 mins until	5.50	6.10	6.30
Reading Station North stop NA	10.14		2.14	2.34	2.54	3.15	3.34	3.54	4.14	4.36		5.56	6.16	6.36
Caversham Library	10.20		2.20	2.41	3.01	3.22	3.41	4.01	4.22	4.44		6.04	6.23	6.43
Chalgrove Way	10.28		2.28	2.51	3.11	3.33	3.51	4.11	4.30	4.54		6.14	6.32	6.52

	pm	pm	pm	pm	pm	pm	pm	pm	● pm	● am	● am
Central Reading Friar St stop FL	6.50	7.10	7.45	8.10	8.40	9.10	10.10	11.10	11.50	1.05	2.20
Reading Station North stop NA	6.55	7.14	7.48	8.13	8.43	9.13	10.13	11.13	11.52	1.07	2.22
Caversham Library	7.01	7.20	7.53	8.18	8.47	9.17	10.17	11.17	↓	↓	↓
Chalgrove Way	7.09	7.28	8.01	8.26	8.54	9.24	10.24	11.24	↓	↓	↓
Peppard Road Kiln Road	7.12	7.31	8.04	8.29	8.57	9.27	10.27	11.27	12.05	1.20	2.35

Friday nights only

● these buses show 23 on the front and run via Henley Road and Caversham Park Road first, before dropping off along the usual 24 route

Reading | Station North | Emmer Green via Caver sham Centre | Hemdean Road | Rotherfield Way

pink 24

Saturdays

	am	am	am	am	am	am	am	am	am	am	am	am	am	am	am	am	pm	
Central Reading Friar St stop FL	5.26	6.29	7.13	7.43	8.13	8.42	9.10	9.30	9.50	10.10	10.29	10.49	11.05	11.25	11.45	12.10		then every 20 mins until
Reading Station North stop NA	5.28	6.31	7.15	7.45	8.15	8.44	9.14	9.34	9.54	10.14	10.33	10.53	11.09	11.29	11.49	12.14		
Caversham Library	5.32	6.35	7.20	7.50	8.20	8.49	9.19	9.39	9.59	10.19	10.39	10.59	11.17	11.39	11.59	12.22		
Chalgrove Way	5.38	6.41	7.26	7.56	8.26	8.56	9.27	9.47	10.07	10.27	10.47	11.07	11.25	11.47	12.07	12.30		

	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm	pm		pm
Central Reading Friar St stop FL	1.30	1.50	2.10	2.30	2.50	3.10	3.30	3.50	4.10	4.30	4.50	5.10	5.30	5.50	then every 20 mins until	7.10
Reading Station North stop NA	1.34	1.54	2.14	2.34	2.54	3.14	3.34	3.54	4.14	4.34	4.54	5.14	5.34	5.54		7.14
Caversham Library	1.42	2.00	2.20	2.40	3.01	3.22	3.42	4.02	4.22	4.41	5.01	5.21	5.40	5.59		7.19
Chalgrove Way	1.50	2.08	2.28	2.48	3.09	3.31	3.51	4.11	4.31	4.50	5.10	5.30	5.48	6.07		7.27

	pm	pm	pm	pm	pm	pm	pm ●	am ●	am ●
Central Reading Friar St stop FL	7.40	8.10	8.40	9.10	10.10	11.10	11.50	1.05	2.20
Reading Station North stop NA	7.44	8.13	8.43	9.13	10.13	11.13	11.52	1.07	2.22
Caversham Library	7.49	8.18	8.48	9.17	10.17	11.17	↓	↓	↓
Chalgrove Way	7.57	8.25	8.55	9.24	10.24	11.23			
Peppard Road Kiln Road	8.00	8.28	8.58	9.27	10.27	11.26	12.05	1.20	2.35

● these buses show 23 on the front and run via Henley Road and Caversham Park Road first, before dropping off along the usual 24 route

Sundays

	am		pm
Central Reading Friar St stop FL	9.20	then every 30 mins until	7.20
Reading Station North stop NA	9.24		7.24
Caversham Library	9.29		7.29
Chalgrove Way	9.34		7.34

public holiday bus times are on page 21

Emmer Green | Reading

via Caversham Centre & Station North

pink 24

public holidays

	am	am	am		pm
Chalgrove Way	7.35	8.35	9.35	then every 30 mins until	7.35
Peppard Rd Kiln Rd	7.38	8.38	9.38		7.38
St Barnabas Church	7.40	8.40	9.40		7.40
Caversham Library	7.46	8.46	9.46		7.46
Reading Station North stop NB	7.51	8.51	9.51		7.51
Central Reading Friar St	7.57	8.57	9.57		7.57

	pm	pm	pm	pm
Peppard Rd Kiln Rd	8.07	9.07	10.07	11.07
St Barnabas Church	8.08	9.08	10.08	11.08
Caversham Library	8.14	9.14	10.14	11.14
Reading Station North stop NB	8.18	9.18	10.18	11.18
Central Reading Friar St	8.23	9.23	10.23	11.23

public holidays

	am	am	am		pm
Central Reading Friar St stop FL	7.20	8.20	9.20	then every 30 mins until	7.20
Reading Station North stop NA	7.24	8.24	9.24		7.24
Caversham Library	7.29	8.29	9.29		7.29
Chalgrove Way	7.34	8.34	9.34		7.34

routeX39/X40

Oxford • Wallingford • Reading

Mondays to Fridays except Public Holidays

timetable effective from 31st August 2015

Bus Number	X40	X40	X39	X40	X40	X39	X40	X39	X40	X39	X40	X39	X40	X39	X40	X39	X40	X39	X40	X39
Oxford City Centre, St. Aldate's, stop H5				0635	0710	0750	0840	0910	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510
Abingdon Road, Chatham Road				0639	0714	0756	0845	0914	0944	1014	1044	1114	1144	1214	1244	1314	1344	1414	1444	1515
Nuneham Courtenay, Baldon Lane				0649	0725	0807	0854	0923	0953	1023	1053	1123	1153	1223	1253	1323	1353	1423	1453	1526
Berinsfield, Layby				0654	0730	0812	0858	0927	0957	1027	1057	1127	1157	1227	1257	1327	1357	1427	1457	1530
Shillingford, Kingfisher PH				0658	0734	0816	0902	0931	1001	1031	1101	1131	1201	1231	1301	1331	1401	1431	1501	1534
Benson, Marina				0703	0739	0821	0907	0935	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1538
Crowmarsh Gifford, Crowmarsh Church				0708	0745	0827	0913	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510	1543
Wallingford Market Place arr				0713	0750	0832	0918	0945	1015	1045	1115	1145	1215	1245	1315	1345	1415	1445	1515	1548
Wallingford Market Place dep	0610	0635	0658	0718	0755	0838	0921	0950	1021	1050	1121	1150	1221	1250	1321	1350	1421	1450	1521	1553
Woodcote, Co-Op, opp	0624	0651	↓	0734	0811	↓	0936	↓	1036	↓	1136	↓	1236	↓	1336	↓	1436	↓	1536	↓
Woodcote, War Memorial, N-bound	0626	0653	↓	0736	0813	↓	0939	↓	1039	↓	1139	↓	1239	↓	1339	↓	1439	↓	1539	↓
Cane End	0632	0700	0713	0743	0820	0853	0944	1004	1044	1104	1144	1204	1244	1304	1344	1404	1444	1504	1544	1608
Chazey Heath, Rokeby Drive	0635	0703	0716	0746	0823	0856	0947	1007	1047	1107	1147	1207	1247	1307	1347	1407	1447	1507	1547	1611
Caversham Hights, St Peter's Avenue	0637	0705	0718	0748	0825	0858	0950	1010	1050	1110	1150	1210	1250	1310	1350	1410	1450	1510	1550	1614
Caversham Hights, St Andrew's Church	↓	↓	↓	0750	0827	0900	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Caversham, Library	↓	↓	↓	0754	0831	0903	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Reading Town Centre, Station Road	0649	0718	0732	0810	0844	0913	1003	1023	1103	1123	1203	1223	1303	1323	1403	1423	1503	1523	1603	1627

Notes

Bus Number	X40	X39	X40	X39	X40	X40	X40	X40	X40	X40	X40	X40	X40	F X40	F X40	F X40
Oxford City Centre, St. Aldate's, stop H5	1540	1610	1640	1710	1740	1820	1855	1920	1950	2020	2120	2220	2330	0040	0200	0320
Abingdon Road, Chatham Road	1545	1615	1646	1716	1746	1825	1859	1924	1954	2024	2124	2224	2334	0044	0204	0324
Nuneham Courtenay, Baldon Lane	1556	1626	1657	1726	1756	1835	1909	1932	2002	2031	2131	2230	2340	0050	0210	0330
Berinsfield, Layby	1600	1630	1701	1730	1800	1839	1913	1935	2005	2034	2134	2233	2343	0053	0213	0333
Shillingford, Kingfisher PH	1604	1634	1705	1734	1804	1843	1917	1939	2009	2038	2138	2237	2347	0057	0217	0337
Benson, Marina	1608	1639	1710	1739	1809	1847	1921	1942	2012	2041	2141	2240	2350	0100	0220	0340
Crowmarsh Gifford, Crowmarsh Church	1613	1644	1715	1745	1815	1852	1926	1946	2016	2045	2145	2244	2354	0104	0224	0344
Wallingford Market Place arr	1618	1650	1721	1751	1821	1858	1931	1951	2021	2050	2150	2249	2359	0109	0229	0349
Wallingford Market Place dep	1623	1655	1726	1756	1826	1903	1936	1956		2052	2152					
Woodcote, Co-Op, opp	1638	↓	1742	↓	1842	1918	1950	2008		2104	2204					
Woodcote, War Memorial, N-bound	1641	↓	1745	↓	1845	1921	1953	2011		2107	2207					
Cane End	1647	1711	1751	1812	1851	1926	1958	2016		2112	2212					
Chazey Heath, Rokeby Drive	1650	1714	1754	1815	1854	1929	2001	2019		2115	2215					
Caversham Hights, St Peter's Avenue	1653	1716	1756	1817	1856	1931	2003	2021		2117	2217					
Reading Town Centre, Station Road	1706	1731	1811	1832	1909	1944	2015	2033		2129	2229					

Notes:
F Fridays only.

routeX39/X40

Oxford • Wallingford • Reading

Saturdays

timetable effective from 31st August 2015

Bus Number	X39	X40	X40	X40	X40	X39	X40	X39	X40	X39	X40	X39	X40	X39	X40	X39	X40	X39	X40	X39
Oxford City Centre, St. Aldate's, stop H5			0730	0800	0840	0910	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510	1540	1610
Abingdon Road, Chatham Road			0734	0804	0844	0914	0944	1014	1044	1114	1144	1214	1244	1314	1344	1414	1444	1514	1544	1614
Nuneham Courtenay, Baldon Lane			0742	0813	0853	0923	0953	1023	1053	1123	1153	1223	1253	1323	1353	1423	1453	1523	1553	1624
Berinsfield, Layby			0746	0817	0857	0927	0957	1027	1057	1127	1157	1227	1257	1327	1357	1427	1457	1527	1557	1628
Shillingford, Kingfisher PH			0750	0821	0901	0931	1001	1031	1101	1131	1201	1231	1301	1331	1401	1431	1501	1531	1601	1632
Benson, Marina			0754	0825	0905	0935	1005	1035	1105	1135	1205	1235	1305	1335	1405	1435	1505	1535	1605	1636
Crowmarsh Gifford, Church			0759	0830	0910	0940	1010	1040	1110	1140	1210	1240	1310	1340	1410	1440	1510	1540	1610	1641
Wallingford Market Place arr			0804	0835	0915	0945	1015	1045	1115	1145	1215	1245	1315	1345	1415	1445	1515	1545	1615	1646
Wallingford Market Place dep	0543	0630	0808	0840	0921	0950	1021	1050	1121	1150	1221	1250	1321	1350	1421	1450	1521	1550	1621	1651
Woodcote, Co-Op, opp	↓	0642	0823	0855	0936	↓	1036	↓	1136	↓	1236	↓	1336	↓	1436	↓	1536	↓	1636	↓
Woodcote, War Memorial, N-bound	↓	0645	0826	0858	0939	↓	1039	↓	1139	↓	1239	↓	1339	↓	1439	↓	1539	↓	1639	↓
Cane End	0555	0650	0831	0903	0944	1004	1044	1104	1144	1204	1244	1304	1344	1404	1444	1504	1544	1604	1644	1707
Chazey Heath, Rokeby Drive	0558	0653	0834	0906	0947	1007	1047	1107	1147	1207	1247	1307	1347	1407	1447	1507	1547	1607	1647	1710
Caversham Hights, St Peter's Avenue	0600	0655	0837	0909	0950	1010	1050	1110	1150	1210	1250	1310	1350	1410	1450	1510	1550	1610	1650	1713
Reading Town Centre, Station Road	0612	0707	0850	0922	1003	1023	1103	1123	1203	1223	1303	1323	1403	1423	1503	1523	1603	1623	1703	1727

Bus Number	X40	X39	X40	X40	X40	X40	X40	X40	X40	X40	X40	X40	X40	X40
Oxford City Centre, St. Aldate's, stop H5	1640	1710	1740	1810	1845	1920	1950	2020	2120	2220	2330	0040	0200	0320
Abingdon Road, Chatham Road	1644	1715	1745	1815	1849	1924	1954	2024	2124	2224	2334	0044	0204	0324
Nuneham Courtenay, Baldon Lane	1654	1725	1755	1824	1858	1932	2002	2031	2131	2230	2340	0050	0210	0330
Berinsfield, Layby	1659	1729	1759	1828	1902	1935	2005	2034	2134	2233	2343	0053	0213	0333
Shillingford, Kingfisher PH	1703	1733	1803	1832	1906	1939	2009	2038	2138	2237	2347	0057	0217	0337
Benson, Marina	1708	1738	1808	1836	1910	1942	2012	2041	2141	2240	2350	0100	0220	0340
Crowmarsh Gifford, Church	1713	1743	1813	1841	1915	1946	2016	2045	2145	2244	2354	0104	0224	0344
Wallingford Market Place arr	1719	1749	1819	1847	1920	1951	2021	2050	2150	2249	2359	0109	0229	0349
Wallingford Market Place dep	1724	1754	1824	1852	1925	1956		2052	2152					
Woodcote, Co-Op, opp	1739	↓	1838	1905	1938	2008		2104	2204					
Woodcote, War Memorial, N-bound	1742	↓	1841	1908	1941	2011		2107	2207					
Cane End	1747	1809	1846	1913	1946	2016		2112	2212					
Chazey Heath, Rokeby Drive	1750	1812	1849	1916	1949	2019		2115	2215					
Caversham Hights, St Peter's Avenue	1752	1814	1851	1918	1951	2021		2117	2217					
Reading Town Centre, Station Road	1808	1828	1904	1930	2003	2033		2129	2229					

routeX40

Oxford • Wallingford • Reading

Sundays and Public Holiday

timetable effective from 31st August 2015 S

Bus Number	X40	X40	X40	X40	X40	X40	X40	X40	X40	X40	X40	X40	X40	X40	X40
Oxford City Centre, St. Aldate's, stop H5			0940	1040	1140	1240	1340	1440	1540	1640	1740	1840	2045	2145	2315
Abingdon Road, Chatham Road			0944	1044	1144	1244	1344	1444	1544	1644	1744	1844	2049	2149	2319
Nuneham Courtenay, Baldon Lane			0952	1052	1152	1252	1352	1452	1552	1652	1752	1852	2057	2157	2327
Berinsfield, Layby			0956	1056	1156	1256	1356	1456	1556	1656	1756	1856	2101	2201	2331
Shillingford, Kingfisher PH			1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2105	2205	2335
Benson, Marina			1004	1104	1204	1304	1404	1504	1604	1704	1804	1904	2108	2208	2338
Crowmarsh Gifford, Church			1009	1109	1209	1309	1409	1509	1609	1709	1809	1909	2113	2213	2343
Wallingford Market Place arr			1014	1114	1214	1314	1414	1514	1614	1714	1814	1914	2118	2218	2348
Wallingford Market Place dep	0817	0917	1017	1117	1217	1317	1417	1517	1617	1717	1817	1917	2121	2221	
Woodcote, Co-Op, opp	0830	0930	1030	1130	1230	1330	1430	1530	1630	1730	1830	1930	2134	2234	
Woodcote, War Memorial, N-bound	0832	0932	1032	1132	1232	1332	1432	1532	1632	1732	1832	1932	2136	2236	
Cane End	0837	0937	1037	1137	1237	1337	1437	1537	1637	1737	1837	1937	2141	2241	
Chazey Heath, Rokeby Drive	0840	0940	1040	1140	1240	1340	1440	1540	1640	1740	1840	1940	2144	2244	
Caversham Hights, St Peter's Avenue	0842	0942	1042	1142	1242	1342	1442	1542	1642	1742	1842	1942	2146	2246	
Reading Town Centre, Station Road	0855	0955	1055	1155	1255	1355	1455	1555	1655	1755	1855	1955	2159	2259	

routeX39/X40

Reading • Wallingford • Oxford

Mondays to Fridays except Public Holidays

timetable effective from 31st August 2015

Notes				LH																
Bus Number	**X40**	**X40**	**X40**	**X39**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X39**	**X40**	**X39**	**X40**	**X39**	**X40**	**X39**	**X40**	**X39**	**X40**
Reading Town Centre, Station Road				0615		0655	0725	0815	0900	0930	1010	1030	1110	1130	1210	1230	1310	1330	1410	1430
Caversham Hights, St Peter's Avenue				0624		0704	0738	0833	0912	0942	1022	1042	1122	1142	1222	1242	1322	1342	1422	1442
Chazey Heath, Rokeby Drive				0626		0706	0740	0835	0914	0944	1024	1044	1124	1144	1224	1244	1324	1344	1424	1444
Cane End				0628		0708	0743	0838	0917	0947	1027	1047	1127	1147	1227	1247	1327	1347	1427	1447
Woodcote, War Memorial, S-bound				↓		0714	0749	0844	0923	0953	↓	1053	↓	1153	↓	1253	↓	1353	↓	1453
Woodcote, Co-Op, adj				↓		0717	0752	0847	0926	0956	↓	1056	↓	1156	↓	1256	↓	1356	↓	1456
Hithercroft Industrial Estate				0643		↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Wallingford Market Place arr				0648		0733	0808	0903	0940	1010	1042	1110	1142	1210	1242	1310	1342	1410	1442	1510
Wallingford Market Place dep	0530	0550	0620	0653	0710	0738	0813	0908	0946	1016	1046	1116	1146	1216	1246	1316	1346	1416	1446	1516
Crowmarsh Gifford, Church	0533	0553	0624	0657	0714	0743	0818	0912	0950	1020	1050	1120	1150	1220	1250	1320	1350	1420	1450	1520
Benson, Marina	0538	0558	0629	0702	0719	0749	0824	0918	0955	1025	1055	1125	1155	1225	1255	1325	1355	1425	1455	1525
Shillingford, Kingfisher PH	0541	0601	0632	0705	0722	0754	0828	0921	0958	1028	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528
Berinsfield, Layby	0546	0606	0638	0711	0728	0800	0834	0927	1003	1033	1103	1133	1203	1233	1303	1333	1403	1433	1503	1533
Nuneham Courtenay, Baldon Lane	0549	0609	0641	0714	0731	0804	0838	0931	1006	1036	1106	1136	1206	1236	1306	1336	1406	1436	1506	1536
Abingdon Road, Chatham Road	0556	0616	0649	0722	0739	0812	0846	0938	1013	1043	1113	1143	1213	1243	1313	1343	1413	1443	1513	1543
Oxford City Centre, Castle Street	0605	0625	0658	0735	0752	0826	0859	0948	1023	1053	1123	1153	1223	1253	1323	1353	1423	1453	1523	1553
Oxford City Centre, St Aldates	0610	0630	0703	0740	0757	0831	0904	0953	1028	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528	1558

Notes														MTh	F	F	F
Bus Number	**X39**	**X40**	**X39**	**X40**	**X40**	**X40**	**X39**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**
Reading Town Centre, Station Road	1510	1530	1610	1635	1715	1740	1820	1840	1915	1950	2020	2050	2205	2305	2305		
Caversham Hights, St Peter's Avenue	1522	1543	1623	1648	1729	1754	1834	1854	1926	2001	2031	2101	2216	2316	2316		
Chazey Heath, Rokeby Drive	1524	1545	1625	1650	1731	1756	1836	1856	1928	2003	2033	2103	2218	2318	2318		
Cane End	1527	1548	1628	1653	1734	1759	1839	1859	1931	2006	2036	2106	2221	2321	2321		
Woodcote, War Memorial, S-bound	↓	1555	↓	1700	1741	1806	↓	1906	1936	2011	2041	2111	2226	2326	2326		
Woodcote, Co-Op, adj	↓	1558	↓	1703	1744	1809	↓	1909	1939	2014	2044	2114	2229	2329	2329		
Wallingford Market Place arr	1542	1614	1643	1719	1800	1824	1855	1924	1953	2028	2058	2128	2243	2343	2343		
Wallingford Market Place dep	1546	1619	1648	1725	1805	1830	1900	1930		2035		2135	2246		2346	0116	0236
Crowmarsh Gifford, Church	1550	1623	1653	1730	1810	1834	1905	1934		2038		2138	2249		2349	0119	0239
Benson, Marina	1555	1628	1658	1735	1815	1839	1910	1939		2043		2143	2254		2354	0123	0243
Shillingford, Kingfisher PH	1558	1631	1701	1738	1818	1842	1913	1942		2046		2145	2256		2356	0125	0245
Berinsfield, Layby	1603	1636	1706	1743	1823	1847	1918	1947		2051		2149	2300		0000	0129	0249
Nuneham Courtenay, Baldon Lane	1606	1639	1709	1746	1826	1850	1921	1950		2054		2152	2303		0003	0132	0252
Abingdon Road, Chatham Road	1613	1646	1716	1753	1833	1857	1928	1957		2101		2159	2310		0010	0138	0258
Oxford City Centre, Castle Street	1623	1656	1726	1807	1843	1907	1938	2005		2109		2207	2318		0018	0144	0304
Oxford City Centre, St Aldates	1628	1701	1731	1812	1848	1912	1943	2010		2114		2212	2323		0023	0148	0308

Notes:

LH This journey operates via Lester Way and St John's Rd to Wallingford Market Place and does not serve Winterbrook

MTh Mondays to Thursdays Only

F Fridays only

routeX39/X40

Reading • Wallingford • Oxford

Saturdays

timetable effective from 31st August 2015

Notes	LH																		
Bus Number	**X39**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X39**	**X40**	**X39**	**X40**	**X39**	**X40**	**X39**	**X40**	**X39**	**X40**	**X39**	X40	X39
Reading Town Centre, Station Road	0615			0715				0910	0930	1010	1030	1110	1130	1210	1230	1310	1330	1410	1430	1510
Caversham Hights, St Peter's Avenue	0624			0724				0921	0943	1023	1043	1123	1143	1223	1243	1323	1343	1423	1443	1523
Chazey Heath, Rokeby Drive	0626			0726				0923	0945	1025	1045	1125	1145	1225	1245	1325	1345	1425	1445	1525
Cane End	0628			0728				0926	0948	1028	1048	1128	1148	1228	1248	1328	1348	1428	1448	1528
Woodcote, War Memorial, S-bound	↓			0733				↓	0954	↓	1054	↓	1154	↓	1254	↓	1354	↓	1454	↓
Woodcote, Co-Op, adj	↓			0736				↓	0957	↓	1057	↓	1157	↓	1257	↓	1357	↓	1457	↓
Hithercroft Industrial Estate	0643			↓				↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
Wallingford Market Place arr	0648			0750				0941	1011	1043	1111	1143	1211	1243	1311	1343	1411	1443	1511	1543
Wallingford Market Place dep	0650	0715	0735	0754	0820	0850	0916	0946	1016	1046	1116	1146	1216	1246	1316	1346	1416	1446	1516	1546
Crowmarsh Gifford, Church	0653	0719	0739	0758	0824	0854	0920	0950	1020	1050	1120	1150	1220	1250	1320	1350	1420	1450	1520	1550
Benson, Marina	0658	0724	0744	0803	0829	0859	0925	0955	1025	1055	1125	1155	1225	1255	1325	1355	1425	1455	1525	1555
Shillingford, Kingfisher PH	0701	0727	0747	0806	0832	0902	0928	0959	1028	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528	1558
Berinsfield, Layby	0706	0732	0752	0811	0837	0907	0933	1005	1033	1103	1133	1203	1233	1303	1333	1403	1433	1503	1533	1603
Nuneham Courtenay, Baldon Lane	0709	0735	0755	0814	0840	0910	0936	1008	1036	1106	1136	1206	1236	1306	1336	1406	1436	1506	1536	1606
Abingdon Road, Chatham Road	0715	0741	0801	0820	0847	0917	0943	1015	1043	1113	1143	1213	1243	1313	1343	1413	1443	1513	1543	1613
Oxford City Centre, Castle Street	0723	0749	0809	0828	0857	0927	0953	1025	1053	1123	1153	1223	1253	1323	1353	1423	1453	1523	1553	1623
Oxford City Centre, St Aldates	0728	0754	0814	0833	0902	0932	0958	1030	1058	1128	1158	1228	1258	1328	1358	1428	1458	1528	1558	1628

Bus Number	**X40**	**X39**	**X40**	**X39**	**X40**	**X39**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**
Reading Town Centre, Station Road	1530	1610	1630	1710	1740	1820	1845	1915	1950	2020	2050	2205	2305		
Caversham Hights, St Peter's Avenue	1543	1623	1643	1723	1753	1833	1856	1926	2001	2031	2101	2216	2316		
Chazey Heath, Rokeby Drive	1545	1625	1645	1725	1755	1835	1858	1928	2003	2033	2103	2218	2318		
Cane End	1548	1628	1648	1728	1758	1838	1901	1931	2006	2036	2106	2221	2321		
Woodcote, War Memorial, S-bound	1554	↓	1654	↓	1804	↓	1906	1936	2011	2041	2111	2226	2326		
Woodcote, Co-Op, adj	1557	↓	1657	↓	1807	↓	1909	1939	2014	2044	2114	2229	2329		
Wallingford Market Place arr	1611	1643	1711	1743	1821	1853	1923	1953	2028	2058	2128	2243	2343		
Wallingford Market Place dep	1616	1646	1716	1746	1826	1900	1930		2035		2135	2246	2346	0116	0236
Crowmarsh Gifford, Church	1620	1650	1720	1750	1830	1904	1934		2038		2138	2249	2349	0119	0239
Benson, Marina	1625	1655	1725	1755	1835	1909	1939		2043		2143	2254	2354	0123	0243
Shillingford, Kingfisher PH	1628	1658	1728	1758	1838	1912	1942		2046		2145	2256	2356	0125	0245
Berinsfield, Layby	1633	1703	1733	1803	1843	1917	1947		2051		2149	2300	0000	0129	0249
Nuneham Courtenay, Baldon Lane	1636	1706	1736	1806	1846	1920	1950		2054		2152	2303	0003	0132	0252
Abingdon Road, Chatham Road	1643	1713	1743	1813	1853	1927	1957		2101		2159	2310	0010	0138	0258
Oxford City Centre, Castle Street	1653	1723	1753	1823	1903	1937	2005		2109		2207	2318	0018	0144	0304
Oxford City Centre, St Aldates	1658	1728	1758	1828	1908	1942	2010		2114		2212	2323	0023	0148	0308

Notes:

LH This journey operates via Lester Way and St John's Rd to Wallingford Market Place and does not serve Winterbrook

routeX40

Reading • Wallingford • Oxford

Sundays and Public Holidays

timetable effective from 31st August 2015

Bus Number	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**	**X40**
Reading Town Centre, Station Road		0910	1010	1110	1210	1310	1410	1510	1610	1710	1805	1905	2005	2205	2305
Caversham Hights, St Peter's Avenue		0921	1021	1121	1221	1321	1421	1521	1621	1721	1816	1916	2016	2215	2315
Chazey Heath, Rokeby Drive		0923	1023	1123	1223	1323	1423	1523	1623	1723	1818	1918	2018	2217	2317
Cane End		0926	1026	1126	1226	1326	1426	1526	1626	1726	1821	1921	2021	2220	2320
Woodcote, War Memorial, S-bound		0932	1032	1132	1232	1332	1432	1532	1632	1732	1827	1927	2027	2226	2326
Woodcote, Co-Op, adj		0934	1034	1134	1234	1334	1434	1534	1634	1734	1829	1929	2029	2228	2328
Wallingford Market Place arr		0948	1048	1148	1248	1348	1448	1548	1648	1748	1843	1943	2043	2242	2342
Wallingford Market Place dep	0853	0953	1053	1153	1253	1353	1453	1553	1653	1753	1847	1947	2047		
Crowmarsh Gifford, Church	0857	0957	1057	1157	1257	1357	1457	1557	1657	1757		1951	2051		
Benson, Marina	0902	1002	1102	1202	1302	1402	1502	1602	1702	1802		1956	2056		
Shillingford, Kingfisher PH	0905	1005	1105	1205	1305	1405	1505	1605	1705	1805		1959	2059		
Berinsfield, Layby	0910	1010	1110	1210	1310	1410	1510	1610	1710	1810		2004	2104		
Nuneham Courtenay, Baldon Lane	0913	1013	1113	1213	1313	1413	1513	1613	1713	1813		2007	2107		
Abingdon Road, Chatham Road	0920	1020	1120	1220	1320	1420	1520	1620	1720	1820		2014	2114		
Oxford City Centre, Castle Street	0929	1029	1129	1229	1329	1429	1529	1629	1729	1829		2023	2123		
Oxford City Centre, St Aldates	0934	1034	1134	1234	1334	1434	1534	1634	1734	1834		2028	2128		

High Wycombe to Reading 800 via Shiplake, Binfield Heath, Dunsden Green and Caversham; 850 via Wargrave and Twyford

800, 850

Monday to Friday - towards Reading Town Centre Friar Street

	850	800	850	850	800	800[1]	850[1]	850[2]	800[1]	800[2]	800	850	800	850	800	850	800	850	800	850	800
High Wycombe Bus Station	0600	0620	0640	0705	0730	0733	0740	0745	0805	0810	0840	0905	0935	1005	1035	1105	1135	1205	1235	1305	1335
High Wycombe The Wendover Arms PH	0604	0624	0644	0709	0734	0737	0745	0750	0810	0815	0846	0909	0938	1008	1038	1108	1138	1208	1238	1308	1338
Cressex Marlow Road	0607	0628	0648	0713	0740	0743	0751	0754	0817	0819	0852	0912	0941	1011	1041	1111	1141	1211	1241	1311	1341
Marlow Wiltshire Road	0613	0634	0654	0719	0746	0749	0758	0801	0825	0826	0900	0918	0947	1017	1047	1117	1147	1217	1247	1317	1347
Marlow West Street	0618	0640	0700	0726	0754	0757	0806	0811	0835	0836	0908	0927	0955	1025	1055	1125	1155	1225	1255	1325	1355
Medmenham The Dog & Badger PH	0625	0647	0707	0733	0801	0804	0814	0819	0842	0844	0915	0934	1002	1032	1102	1132	1202	1232	1302	1332	1402
Henley-on-Thames Hart Street	0636	0659	0719	0747	0817	0820	0835	0835	0902	0902	0930	0949	1017	1047	1117	1147	1217	1247	1317	1347	1417
Henley-on-Thames Bell Street	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Wargrave Station Road	0646	--	0729	0759	--	--	0847	0847	--	--	--	1000	--	1058	--	1158	--	1258	--	1358	--
Northfields Arnside Close	0649	--	0732	0802	--	--	0850	0850	--	--	--	1003	--	1101	--	1201	--	1301	--	1401	--
Twyford Cross Roads	0653	--	0737	0808	--	--	0856	0856	--	--	--	1008	--	1106	--	1206	--	1306	--	1406	--
Sonning Hawthorn Way	0658	--	0744	0815	--	--	0900	0900	--	--	--	1012	--	1110	--	1210	--	1311	--	1411	--
North Earley Shepherds Hill Top	0700	--	0747	0818	--	--	0903	0903	--	--	--	1015	--	1113	--	1213	--	1314	--	1414	--
Reading Cemetery Junction	0705	--	0754	0826	--	--	0909	0909	--	--	--	1020	--	1118	--	1219	--	1319	--	1419	--
Lower Shiplake Station Road	--	0707	--	--	0829	--	--	--	0912	0912	--	--	1026	--	1126	--	1226	--	1326	--	1426
Binfield Heath Heathfield Close	--	0713	--	--	0836	--	--	--	0919	0919	--	--	1033	--	1133	--	1233	--	1333	--	1433
Dunsden Green The Green	--	0715	--	--	0838	--	--	--	0921	0921	--	--	1035	--	1135	--	1235	--	1335	--	1435
Henley Road Travellers Rest	--	0718	--	--	0841	--	--	--	0926	0926	--	--	1038	--	1138	--	1238	--	1338	--	1438
Lower Caversham St Johns Road	--	0724	--	--	0849	--	--	--	0930	0930	--	--	1042	--	1142	--	1243	--	1343	--	1443
Reading Station North Interchange	--	0734	--	--	0901	--	--	--	0940	0940	--	--	1050	--	1150	--	1251	--	1351	--	1451
Reading Town Centre Friar Street	0712	0738	0801	0834	0904	--	0916	0916	0943	0943	--	1026	1053	1124	1153	1225	1254	1325	1354	1425	1454

	850[1]	850[2]	800	850	800	800	800	850	800	850	800	850	800	800	800	800	800
High Wycombe Bus Station	1405	1405	1435	1505	1520	1535	1550	1615	1650	1720	1750	1820	1900	1945	2045	2145	2245
High Wycombe The Wendover Arms PH	1408	1408	1438	1509	1524	1539	1554	1619	1654	1724	1754	1823	1903	1948	2048	2148	2248
Cressex Marlow Road	1411	1411	1441	1512	1527	1542	1558	1623	1659	1730	1800	1828	1907	1951	2051	2151	2251
Marlow Wiltshire Road	1417	1417	1447	1518	1533	1548	1604	1630	1706	1737	1807	1834	1913	1957	2056	2156	2256
Marlow West Street	1425	1425	1455	1526	1542	1557	1612	1638	1715	1745	1815	1841	1920	2003	2102	2202	2302
Medmenham The Dog & Badger PH	1432	1432	1502	1533	1549	1604	1619	1645	1722	1752	1822	1848	1926	2009	2108	2208	2308
Henley-on-Thames Hart Street	1457	1447	1517	1555	1606	1620	1634	1700	1737	1807	1837	1901	1939	2021	2119	2219	2319
Henley-on-Thames Bell Street	--	--	--	--	--	1621	--	--	--	--	--	--	--	2022	2120	2220	2320
Wargrave Station Road	1508	1458	--	1606	--	--	--	1711	--	1818	--	--	--	--	--	--	--
Northfields Arnside Close	1514	1501	--	1609	--	--	--	1715	--	1821	--	--	--	--	--	--	--
Twyford Cross Roads	1519	1506	--	1615	--	--	--	1720	--	1826	--	--	--	--	--	--	--
Sonning Hawthorn Way	1525	1511	--	1620	--	--	--	1725	--	1830	--	--	--	--	--	--	--
North Earley Shepherds Hill Top	1528	1514	--	1623	--	--	--	1728	--	1833	--	--	--	--	--	--	--
Reading Cemetery Junction	1534	1519	--	1629	--	--	--	1733	--	1838	--	--	--	--	--	--	--
Lower Shiplake Station Road	--	--	1528	--	1618	--	1645	--	1748	--	1847	--	--	--	--	--	--
Binfield Heath Heathfield Close	--	--	1536	--	1626	--	1652	--	1755	--	1853	--	--	--	--	--	--
Dunsden Green The Green	--	--	1538	--	1628	--	1654	--	1757	--	1855	--	--	--	--	--	--
Henley Road Travellers Rest	--	--	1542	--	1632	--	1658	--	1801	--	1858	--	--	--	--	--	--
Lower Caversham St Johns Road	--	--	1548	--	1638	--	1703	--	1806	--	1903	--	--	--	--	--	--
Reading Station North Interchange	--	--	1557	--	1647	--	1713	--	1815	--	1909	--	--	--	--	--	--
Reading Town Centre Friar Street	1542	1525	1600	1637	1650	--	1716	1741	1818	1845	1912	--	--	--	--	--	--

[1]Term Time Only [2]Only During School Holidays

Monday to Friday - towards High Wycombe Bus Station

	800	800	850	800	800[1]	800[2]	850[1]	850[2]	800[1]	800[2]	850	850	800	850	800		850	800		800	800
Reading Town Centre Friar Street	--	--	0630	--	0705	0715	0720	0734	0750	0757	0815	0845	0915	0938	1008		38	08		1338	1408
Reading Cemetery Junction	--	--	0636	--	--	--	0732	0743	--	--	0825	0856	--	0946	--		46	--		1346	--
North Earley Shepherds Hill Top	--	--	0642	--	--	--	0739	0750	--	--	0832	0903	--	0951	--		51	--		1351	--
Sonning Hawthorn Way	--	--	0644	--	--	--	0742	0753	--	--	0835	0906	--	0954	--		54	--		1354	--
Twyford Waitrose	--	--	0650	--	--	--	0750	0801	--	--	0845	0914	--	1001	--		00	--		1400	--
Northfields Arnside Close	--	--	0653	--	--	--	0753	0804	--	--	0849	0917	--	1004	--		03	--		1403	--
Wargrave The Greyhound	--	--	0658	--	--	--	0758	0809	--	--	0855	0923	--	1009	--		07	--		1407	--
Reading Station North Interchange	--	--	--	--	0708	0718	--	--	0753	0800	--	--	0918	--	1011		--	11		--	1411
Lower Caversham St Johns Road	--	--	--	--	0715	0727	--	--	0800	0808	--	--	0925	--	1019		--	19		--	1419
Henley Road Travellers Rest	--	--	--	--	0723	0732	--	--	0807	0815	--	--	0931	--	1024	Then	--	24	past	--	1424

	800	800	850	800	800[1]	800[2]	850[1]	850[2]	800[1]	800[2]	850	850	800	850	800		850	800		800	800
Dunsden Green The Green	--	--	--	--	0727	0736	--	--	0810	0818	--	--	0935	--	1027	at these mins	--	27	each hour until	--	1427
Binfield Heath Heathfield Close	--	--	--	--	0729	0738	--	--	0812	0820	--	--	0937	--	1029		--	29		--	1429
Lower Shiplake Station Road	--	--	--	--	0738	0745	--	--	0820	0828	--	--	0944	--	1036		--	36		--	1436
Henley-on-Thames Bell Street	--	0645	0710	0725	0755	0800	0822	0824	0842	0844	0917	0936	0958	1021	1049		19	49		1419	1449
Medmenham The Dog & Badger PH	--	0653	0717	0733	0805	0811	0832	0835	0852	0854	0928	0947	1009	1032	1100		30	00		1430	1500
Marlow Spinfield Lane	0635	0659	0724	0742	0816	0819	0841	0843	0901	0903	0935	0954	1015	1038	1106		36	06		1436	1506
Marlow West Street	0636	0700	0725	0743	0818	0820	0842	0844	0903	0904	0936	0955	1016	1039	1107		37	07		1437	1507
Marlow Wiltshire Road	0643	0708	0733	0753	0828	0829	0852	0853	0912	0912	0944	1003	1024	1047	1115		45	15		1445	1515
Cressex Marlow Road	0650	0716	0742	0808	0838	0838	0902	0902	0920	0920	0952	1010	1031	1054	1122		52	22		1452	1522
High Wycombe The Wendover Arms PH	0653	0719	0745	0812	0842	0842	0906	0906	0924	0924	0955	1013	1034	1057	1125		55	25		1455	1525
High Wycombe Bus Station	0656	0722	0750	0818	0848	0846	0912	0912	0930	0930	1000	1017	1038	1101	1129		59	29		1459	1530

	850	800	800	850	800	850	850	800	850	800	850	800	800	800	800	800
Reading Town Centre Friar Street	1438	1508	--	1552	1615	1645	1710	1730	1800	1830	1900	1925	--	--	--	--
Reading Cemetery Junction	1446	--	--	1603	--	1656	1721	--	1811	--	1907	--	--	--	--	--
North Earley Shepherds Hill Top	1451	--	--	1609	--	1702	1727	--	1817	--	1912	--	--	--	--	--
Sonning Hawthorn Way	1454	--	--	1612	--	1705	1730	--	1820	--	1915	--	--	--	--	--
Twyford Waitrose	1500	--	--	1620	--	1712	1737	--	1826	--	1920	--	--	--	--	--
Northfields Arnside Close	1503	--	--	1623	--	1715	1740	--	1829	--	1922	--	--	--	--	--
Wargrave The Greyhound	1507	--	--	1627	--	1719	1744	--	1833	--	1926	--	--	--	--	--
Reading Station North Interchange	--	1511	--	--	1618	--	--	1734	--	1833	--	1927	--	--	--	--
Lower Caversham St Johns Road	--	1519	--	--	1628	--	--	1749	--	1844	--	1933	--	--	--	--
Henley Road Travellers Rest	--	1524	--	--	1634	--	--	1755	--	1849	--	1938	--	--	--	--
Dunsden Green The Green	--	1527	--	--	1637	--	--	1758	--	1852	--	1941	--	--	--	--
Binfield Heath Heathfield Close	--	1529	--	--	1639	--	--	1800	--	1854	--	1943	--	--	--	--
Lower Shiplake Station Road	--	1536	--	--	1646	--	--	1807	--	1900	--	1949	--	--	--	--
Henley-on-Thames Bell Street	1519	1554	1625	1643	1700	1735	1800	1820	1847	1910	1938	2000	2025	2125	2225	2325
Medmenham The Dog & Badger PH	1530	1605	1636	1654	1711	1745	1810	1830	1857	1919	1947	2008	2033	2133	2233	2333
Marlow Spinfield Lane	1538	1613	1644	1702	1719	1753	1818	1837	1904	1925	1953	2014	2039	2139	2239	2339
Marlow West Street	1539	1614	1645	1703	1720	1754	1819	1838	1905	1926	1954	2015	2040	2140	2240	2340
Marlow Wiltshire Road	1548	1623	1654	1712	1729	1802	1827	1846	1912	1933	2001	2021	2046	2146	2246	2346
Cressex Marlow Road	1556	1631	1702	1720	1737	1810	1835	1853	1918	1939	2007	2027	2052	2152	2252	2352
High Wycombe The Wendover Arms PH	1559	1634	1705	1723	1740	1813	1838	1856	1921	1942	2010	2030	2055	2155	2255	2355
High Wycombe Bus Station	1604	1639	1710	1728	1745	1818	1843	1901	1926	1946	2014	2034	2059	2158	2258	2358

[1]Term Time Only [2]Only During School Holidays

Saturday - towards Reading Town Centre Friar Street

	800	850	800	850	800	850	800	850		800	850		850	850	800	850	800	850	800	800	800
High Wycombe Bus Station	0640	0705	0735	0805	0835	0905	0935	1005		35	05		1535	1605	1635	1705	1735	1805	1835	1901	1945
High Wycombe The Wendover Arms PH	0643	0708	0738	0808	0838	0908	0938	1008		38	08		1538	1608	1638	1708	1738	1808	1838	1904	1948
Cressex Marlow Road	0646	0711	0741	0811	0841	0911	0941	1011		41	11		1541	1611	1641	1711	1741	1811	1841	1907	1951
Marlow Wiltshire Road	0651	0716	0746	0817	0847	0917	0947	1017		47	17		1547	1617	1647	1717	1747	1817	1847	1913	1957
Marlow West Street	0656	0721	0751	0823	0853	0923	0954	1025		55	25		1555	1625	1655	1724	1753	1823	1853	1919	2003
Medmenham The Dog & Badger PH	0702	0727	0757	0829	0900	0930	1001	1032		02	32		1602	1632	1702	1731	1800	1829	1859	1925	2009
Henley-on-Thames Hart Street	0713	0738	0808	0841	0913	0947	1017	1047		17	47		1617	1647	1717	1747	1814	1843	1911	1937	2021
Henley-on-Thames Bell Street	--	--	--	--	--	--	--	--		--	--		--	--	--	--	--	--	--	--	--
Wargrave Station Road	--	0748	--	0851	--	0958	--	1058		--	58		--	1658	--	1758	--	1853	--	--	--
Northfields Arnside Close	--	0751	--	0854	--	1001	--	1101	Then at these mins	--	01	past each hour until	--	1701	--	1801	--	1856	--	--	--
Twyford Cross Roads	--	0755	--	0859	--	1006	--	1106		--	06		--	1706	--	1806	--	1900	--	--	--
Sonning Hawthorn Way	--	0759	--	0903	--	1011	--	1111		--	11		--	1711	--	1811	--	1904	--	--	--
North Earley Shepherds Hill Top	--	0801	--	0906	--	1014	--	1114		--	14		--	1714	--	1814	--	1906	--	--	--
Reading Cemetery Junction	--	0806	--	0911	--	1019	--	1119		--	19		--	1719	--	1819	--	1911	--	--	--
Lower Shiplake Station Road	0721	--	0817	--	0922	--	1026	--		26	--		1626	--	1726	--	1822	--	--	--	--
Binfield Heath Heathfield Close	0727	--	0823	--	0929	--	1033	--		33	--		1633	--	1733	--	1828	--	--	--	--
Dunsden Green The Green	0729	--	0825	--	0931	--	1035	--		35	--		1635	--	1735	--	1830	--	--	--	--
Henley Road Travellers Rest	0732	--	0828	--	0934	--	1038	--		38	--		1638	--	1738	--	1833	--	--	--	--
Lower Caversham St Johns Road	0737	--	0833	--	0939	--	1043	--		43	--		1643	--	1743	--	1838	--	--	--	--
Reading Station North Interchange	0743	--	0840	--	0947	--	1052	--		52	--		1652	--	1751	--	1845	--	--	--	--
Reading Town Centre Friar Street	0746	0812	0843	0917	0950	1026	1055	1126		55	26		1655	1726	1754	1825	1848	1917	--	--	--

	800	800	800
High Wycombe Bus Station	2045	2145	2245
High Wycombe The Wendover Arms PH	2048	2148	2248
Cressex Marlow Road	2051	2151	2251

	800	800	800
Marlow Wiltshire Road	2056	2156	2256
Marlow West Street	2102	2202	2302
Medmenham The Dog & Badger PH	2108	2208	2308
Henley-on-Thames Hart Street	2119	2219	2319
Henley-on-Thames Bell Street	2121	2221	2321
Wargrave Station Road	--	--	--
Northfields Arnside Close	--	--	--
Twyford Cross Roads	--	--	--
Sonning Hawthorn Way	--	--	--
North Earley Shepherds Hill Top	--	--	--
Reading Cemetery Junction	--	--	--
Lower Shiplake Station Road	--	--	--
Binfield Heath Heathfield Close	--	--	--
Dunsden Green The Green	--	--	--
Henley Road Travellers Rest	--	--	--
Lower Caversham St Johns Road	--	--	--
Reading Station North Interchange	--	--	--
Reading Town Centre Friar Street	--	--	--

Saturday - towards High Wycombe Bus Station

	800	850	800	850	800	850		800	850		850	850	800	850	800	850	800	800	800
Reading Town Centre Friar Street	--	0740	0811	0840	0909	0938		08	38		1708	1738	1808	1838	1908	1950	--	--	--
Reading Cemetery Junction	--	0746	--	0847	--	0946		--	46		--	1746	--	1845	--	1956	--	--	--
North Earley Shepherds Hill Top	--	0751	--	0853	--	0951		--	51		--	1751	--	1850	--	2001	--	--	--
Sonning Hawthorn Way	--	0753	--	0855	--	0954		--	54		--	1754	--	1852	--	2003	--	--	--
Twyford Waitrose	--	0758	--	0901	--	1000		--	00		--	1800	--	1857	--	2008	--	--	--
Northfields Arnside Close	--	0801	--	0904	--	1003		--	03		--	1803	--	1859	--	2010	--	--	--
Wargrave The Greyhound	--	0805	--	0908	--	1007		--	07		--	1807	--	1902	--	2013	--	--	--
Reading Station North Interchange	--	--	0814	--	0912	--		11	--		1711	--	1810	--	1910	--	--	--	--
Lower Caversham St Johns Road	--	--	0820	--	0919	--		19	--		1719	--	1817	--	1916	--	--	--	--
Henley Road Travellers Rest	--	--	0825	--	0924	--	Then at these mins	24	--	past each hour until	1724	--	1822	--	1921	--	--	--	--
Dunsden Green The Green	--	--	0828	--	0927	--		27	--		1727	--	1825	--	1924	--	--	--	--
Binfield Heath Heathfield Close	--	--	0830	--	0929	--		29	--		1729	--	1827	--	1926	--	--	--	--
Lower Shiplake Station Road	--	--	0837	--	0936	--		36	--		1736	--	1833	--	1932	--	--	--	--
Henley-on-Thames Bell Street	--	0815	0849	0919	0949	1019		49	19		1749	1819	1845	1915	1945	2025	2125	2225	2325
Medmenham The Dog & Badger PH	--	0824	0859	0930	1000	1030		00	30		1800	1829	1855	1924	1954	2033	2133	2233	2333
Marlow Spinfield Lane	0734	0830	0905	0936	1006	1036		06	36		1806	1835	1901	1930	2000	2039	2139	2239	2339
Marlow West Street	0735	0831	0906	0937	1007	1037		07	37		1807	1836	1902	1931	2001	2040	2140	2240	2340
Marlow Wiltshire Road	0741	0838	0913	0945	1015	1045		15	45		1815	1843	1909	1938	2008	2046	2146	2246	2346
Cressex Marlow Road	0746	0844	0919	0952	1022	1052		22	52		1822	1849	1915	1944	2014	2052	2152	2252	2352
High Wycombe The Wendover Arms PH	0749	0847	0922	0955	1025	1055		25	55		1825	1852	1918	1947	2017	2055	2155	2255	2355
High Wycombe Bus Station	0752	0850	0926	0959	1029	1059		29	59		1829	1856	1922	1951	2021	2058	2158	2258	2358

Sunday and Bank Holidays - towards Reading Town Centre Friar Street

	800	800	800	800	800	800		800	800		800	800	800	800	800	800	800	800	800
High Wycombe Bus Station	0745	0845	0945	1045	1115	1145		15	45		1515	1545	1615	1645	1715	1745	1845	1945	2115
High Wycombe The Wendover Arms PH	0748	0848	0948	1048	1118	1148		18	48		1518	1548	1618	1648	1718	1748	1848	1948	2118
Cressex Marlow Road	0751	0851	0951	1051	1121	1151		21	51		1521	1551	1621	1651	1721	1751	1851	1951	2121
Marlow Wiltshire Road	0756	0856	0957	1057	1127	1157		27	57		1527	1557	1627	1657	1727	1756	1856	1956	2126
Marlow West Street	0801	0902	1003	1103	1133	1203		33	03		1533	1603	1633	1703	1733	1802	1901	2001	2131
Medmenham The Dog & Badger PH	0807	0908	1010	1110	1140	1210		40	10		1540	1610	1640	1710	1740	1809	1907	2007	2137
Henley-on-Thames Hart Street	0817	0919	1024	1124	1154	1224	Then at these mins	54	24	past each hour until	1554	1624	1652	1723	1752	1820	1917	2017	2147
Henley-on-Thames Bell Street	--	--	--	--	1157	--		57	--		1557	--	--	--	--	--	--	2019	2149
Lower Shiplake Station Road	0825	0928	1033	1133	--	1233		--	33		--	1633	--	1732	--	1829	--	--	--
Binfield Heath Heathfield Close	0831	0934	1039	1139	--	1239		--	39		--	1639	--	1738	--	1835	--	--	--
Dunsden Green The Green	0833	0936	1041	1141	--	1241		--	41		--	1641	--	1740	--	1837	--	--	--
Henley Road Travellers Rest	0836	0940	1045	1145	--	1245		--	45		--	1645	--	1744	--	1840	--	--	--
Lower Caversham St Johns Road	0841	0945	1050	1150	--	1250		--	50		--	1650	--	1749	--	1845	--	--	--
Reading Station North Interchange	0846	0951	1057	1157	--	1257		--	57		--	1657	--	1755	--	1851	--	--	--
Reading Town Centre Friar Street	0848	0954	1100	1200	--	1300		--	00		--	1700	--	1758	--	1853	--	--	--

Sunday and Bank Holidays - towards High Wycombe Bus Station

	800	800	800	800	800		800	800		800	800	800	800	800	800
Reading Town Centre Friar Street	--	0858	--	1015	--		15	--		1615	1715	1815	1915	--	--
Reading Station North Interchange	--	0900	--	1018	--		18	--		1618	1718	1817	1917	--	--
Lower Caversham St Johns Road	--	0906	--	1025	--		25	--		1625	1724	1824	1924	--	--

	800	800	800	800	800		800	800		800	800	800	800	800	800
Henley Road Travellers Rest	--	0911	--	1030	--		30	--		1630	1729	1828	1928	--	--
Dunsden Green The Green	--	0914	--	1033	--		33	--		1633	1732	1831	1931	--	--
Binfield Heath Heathfield Close	--	0916	--	1035	--		35	--		1635	1734	1833	1933	--	--
Lower Shiplake Station Road	--	0923	--	1042	--	Then at these mins	42	--	past each hour until	1642	1741	1839	1939	--	--
Henley-on-Thames Bell Street	--	0934	1024	1054	1124		54	24		1654	1752	1849	1948	2030	2200
Medmenham The Dog & Badger PH	--	0944	1035	1105	1135		05	35		1705	1803	1859	1957	2038	2208
Marlow Spinfield Lane	0854	0950	1041	1111	1141		11	41		1711	1809	1905	2003	2044	2214
Marlow West Street	0855	0951	1042	1112	1142		12	42		1712	1810	1906	2004	2045	2215
Marlow Wiltshire Road	0900	0958	1049	1119	1149		19	49		1719	1817	1912	2010	2051	2221
Cressex Marlow Road	0906	1004	1056	1126	1156		26	56		1726	1823	1918	2015	2056	2226
High Wycombe The Wendover Arms PH	0909	1007	1059	1129	1159		29	59		1729	1826	1921	2018	2059	2229
High Wycombe Bus Station	0912	1011	1103	1133	1203		33	03		1733	1830	1925	2021	2102	2232

Appendix C

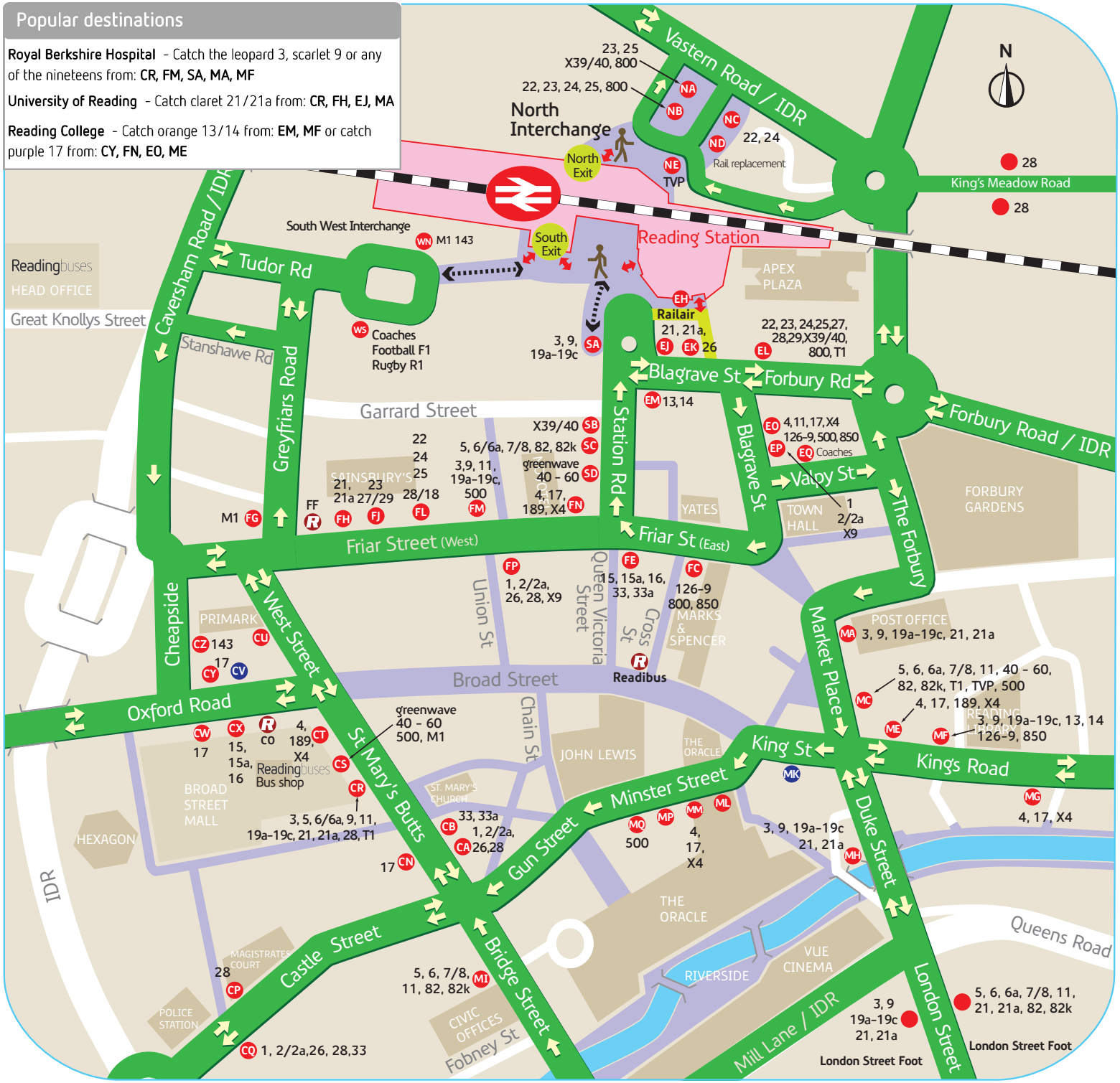
Reading Bus Map

Popular destinations

Royal Berkshire Hospital - Catch the leopard 3, scarlet 9 or any of the nineteens from: **CR, FM, SA, MA, MF**

University of Reading - Catch claret 21/21a from: **CR, FH, EJ, MA**

Reading College - Catch orange 13/14 from: **EM, MF** or catch purple 17 from: **CY, FN, EO, ME**



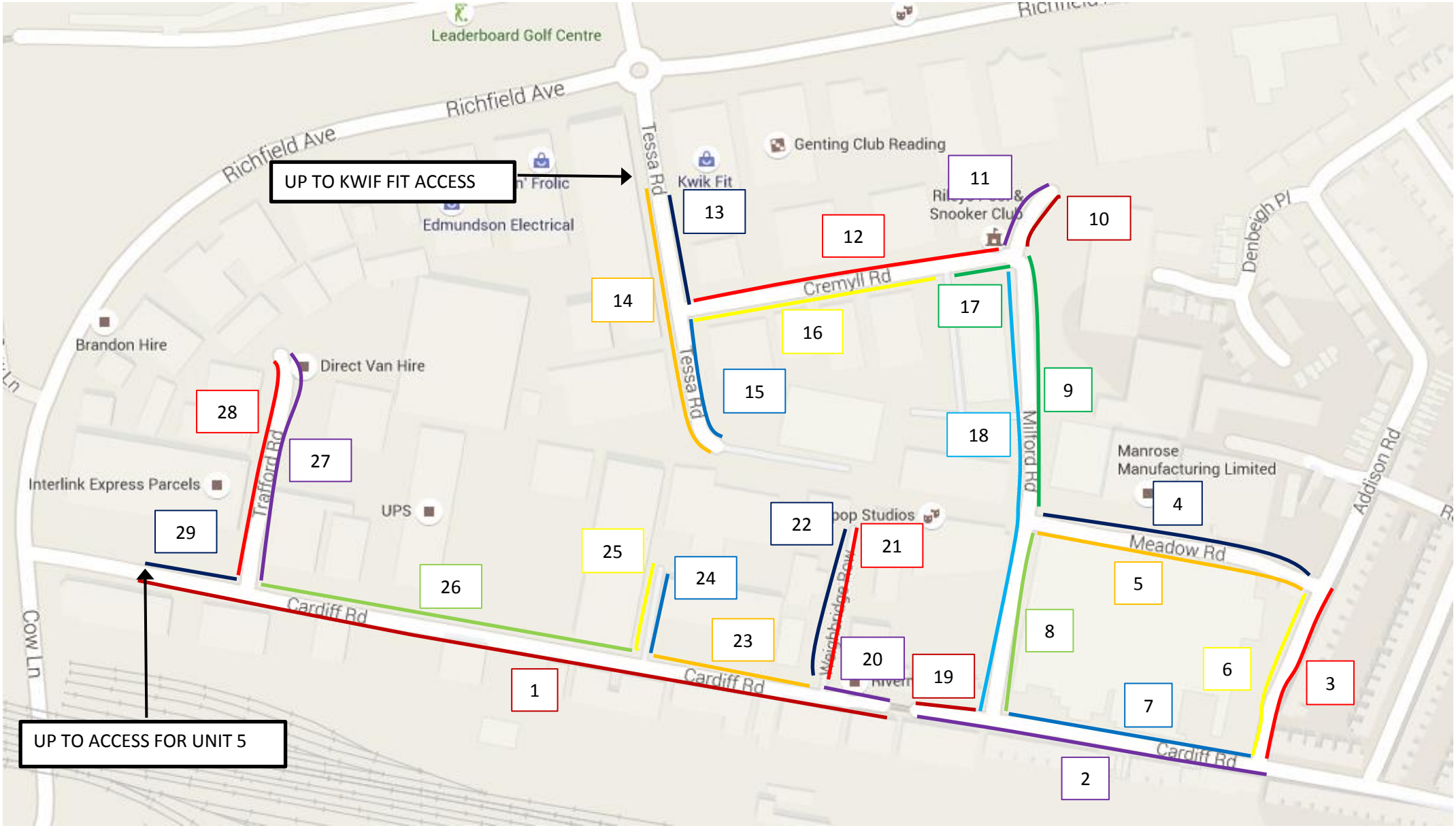
Not to scale

Appendix D

Parking Demand Survey Results

PARKING BEATS

AXIOM Traffic Limited



PARKING BEATS

AXIOM Traffic Limited

JOB REF: 19608

DATE: 11/11/2015

JOB NAME: READING

DAY: WEDNESDAY

ZONE	MAXIMUM NUMBER OF SPACES	TIME																					TIME		
		18:30			19:00			19:30			20:00			20:30			21:00			21:30			22:00		
		LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE
1	24 (SINGLE YELLOW LINES)	4	0	20	1	0	23	1	0	23	0	0	24	0	0	24	0	0	24	3	0	21	2	0	22
2	3 MIXED (Permits & others)	2	0	1	2	0	1	3	0	0	3	0	0												
3	PERMITS ONLY																								
4	DOUBLE YELLOW LINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	15 LOADING	3	2	12	4	2	11	4	2	11	4	2	11	5	2	10	5	2	10	5	2	10	5	2	10
6	5 MIXED (Permits & others)	5	0	0	3	0	2	3	0	2	3	0	2												
7	10 (SINGLE YELLOW LINES)	1	0	9	1	0	9	3	0	7	3	0	7	3	0	7	3	0	7	3	0	7	3	0	7
8	13 UNRESTRICTED, 3 LOADING	14	0	1	14	0	1	14	0	1	13	0	2	13	0	2	11	0	3	11	0	3	10	0	4
9	4 UNRESTRICTED	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4
10	DOUBLE YELLOW LINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	3 UNRESTRICTED	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3
12	18 UNRESTRICTED	4	0	14	4	0	14	4	0	14	6	0	12	7	0	11	7	0	11	7	0	11	7	0	11
13	8 (SINGLE YELLOW LINES)	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8
14	20 UNRESTRICTED, 10 (SINGLE YELLOW LINES)	6	0	24	3	0	27	3	0	27	8	0	22	8	0	22	8	0	22	2	0	28	3	0	27
15	8 (SINGLE YELLOW LINES)	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8
16	14 (SINGLE YELLOW LINES)	0	0	14	0	0	14	0	0	14	0	0	14	0	0	14	0	0	14	0	0	14	0	0	14
17	4 (SINGLE YELLOW LINES)	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4
18	23 UNRESTRICTED, 3 LOADING	13	0	12	14	0	10	17	0	6	18	0	5	18	0	5	18	0	5	14	0	10	14	0	10
19	PERMITS ONLY																								
20	DOUBLE YELLOW LINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
21	22 UNRESTRICTED	9	0	13	9	0	13	9	0	13	13	0	9	8	0	14	7	0	15	8	0	14	8	0	14
22	DOUBLE YELLOW LINES	0	2	0	0	2	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0
23	14 UNRESTRICTED	10	0	4	8	0	5	8	0	5	8	0	5	8	0	5	9	0	3	9	0	3	9	0	3
24	1 UNRESTRICTED	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	GATES CLOSED								
25	4 UNRESTRICTED	2	0	2	2	0	2	2	0	2	0	0	4	0	0	4	GATES CLOSED								
26	28 UNRESTRICTED	22	1	4	22	0	4	21	0	4	19	0	6	18	0	7	18	0	7	17	0	8	17	0	8
27	23 UNRESTRICTED	9	0	14	7	0	16	7	0	16	7	0	16	7	0	16	7	0	16	7	0	16	7	0	16
28	20 UNRESTRICTED	1	0	19	0	0	20	0	0	20	0	0	20	0	0	20	0	0	20	0	0	20	0	0	20
29	DOUBLE YELLOW LINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES: DURING THE SURVEY HOURS VEHICLE WERE ABLE TO PARK ON THE SINGLE YELLOW LINES.
IN ZONE TWO THERE WERE THREE BAYS WHICH WERE MIXED USE I.E. BOTH PERMIT HOLDERS AND OTHER ROAD USERS COULD PARK). HOWEVER THE OTHER ROAD USERES COULD ONLY PARK IN THE BAYS BETWEEN 8AM AND 8PM
SIMILARLY, IN ZONE SIX THERE WERE FIVE BAYS WHICH WERE MIXED USE WITH THE SAME RESTRICTIONS.

PARKING BEATS

AXIOM Traffic Limited

JOB REF: 19608

DATE: 15/11/2015

JOB NAME: READING

DAY: SUNDAY

ZONE	MAXIMUM NUMBER OF SPACES	TIME																										
		09:30			10:00			10:30			11:00			11:30			12:00			12:30			13:00			13:30		
		LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE	LEGAL	ILLEGAL	FREE
1	24 (SINGLE YELLOW LINES)	3	0	21	3	0	21	3	0	21	3	0	21	3	0	21	4	0	20	5	0	19	5	0	19	6	0	18
2	3 MIXED (Permits & others)	2	0	1	1	0	2	1	0	2	1	0	2	1	0	2	1	1	2	2	0	1	2	0	1	2	1	1
3	PERMITS ONLY																											
4	DOUBLE YELLOW LINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	15 LOADING	2	1	10	2	1	10	2	1	10	5	1	9	7	1	5	8	1	5	6	1	7	6	1	7	4	1	10
6	5 MIXED (Permits & others)	5	0	0	5	0	0	5	0	0	5	1	0	4	0	1	4	0	1	4	0	1	5	0	0	5	0	0
7	10 (SINGLE YELLOW LINES)	3	0	7	3	0	7	3	0	7	3	0	7	4	0	6	3	0	7	4	0	6	4	0	6	5	0	5
8	13 UNRESTRICTED, 3 LOADING	10	0	6	10	0	6	10	0	6	10	0	6	11	0	4	7	0	7	7	0	7	7	0	7	7	0	7
9	4 UNRESTRICTED	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	3	0	0	4
10	DOUBLE YELLOW LINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	3 UNRESTRICTED	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3
12	18 UNRESTRICTED	1	0	17	3	0	15	6	0	12	10	0	8	13	0	5	13	0	5	12	0	6	13	0	5	12	0	6
13	8 (SINGLE YELLOW LINES)	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	1	0	7	1	0	7	1	0	7	0	0	8
14	20 UNRESTRICTED, 10 (SINGLE YELLOW LINES)	7	0	23	12	0	18	17	0	13	17	0	13	17	0	13	15	0	15	17	0	13	16	0	14	17	0	13
15	8 (SINGLE YELLOW LINES)	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8	0	0	8
16	14 (SINGLE YELLOW LINES)	0	0	14	0	0	14	0	0	14	0	0	14	0	0	14	0	0	14	0	0	14	0	0	14	0	0	14
17	4 (SINGLE YELLOW LINES)	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4
18	23 UNRESTRICTED, 3 LOADING	11	0	15	11	0	15	11	0	15	11	0	15	12	0	14	11	0	15	11	0	15	10	0	16	9	0	17
19	PERMITS ONLY																											
20	DOUBLE YELLOW LINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	22 UNRESTRICTED	5	0	17	5	0	17	8	0	14	19	0	3	19	0	3	19	0	3	19	0	3	21	0	1	20	0	2
22	DOUBLE YELLOW LINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	14 UNRESTRICTED	9	0	4	9	0	4	9	0	4	9	0	4	8	0	4	10	0	3	8	0	5	10	0	3	12	0	0
24	1 UNRESTRICTED	GATES CLOSED																										
25	4 UNRESTRICTED	GATES CLOSED																										
26	28 UNRESTRICTED	14	0	12	14	0	12	16	0	10	16	0	10	18	0	10	16	0	10	17	0	9	17	0	9	17	0	9
27	23 UNRESTRICTED	8	0	15	8	0	15	8	0	15	8	0	15	8	0	15	8	0	15	8	0	15	8	0	15	8	0	15
28	20 UNRESTRICTED	0	0	20	0	0	20	0	0	20	0	0	20	0	0	20	0	0	20	0	0	20	0	0	20	0	0	20
29	DOUBLE YELLOW LINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES: DURING THE SURVEY HOURS VEHICLE WERE ABLE TO PARK ON THE SINGLE YELLOW LINES.
IN ZONE TWO THERE WERE THREE BAYS WHICH WERE MIXED USE I.E. BOTH PERMIT HOLDERS AND OTHER ROAD USERS COULD PARK). HOWEVER THE OTHER ROAD USERES COULD ONLY PARK IN THE BAYS BETWEEN 8AM AND 8PM
SIMILARLY, IN ZONE SIX THERE WERE FIVE BAYS WHICH WERE MIXED USE WITH THE SAME RESTRICTIONS.

Appendix E

TRICS Data

Calculation Reference: AUDIT-734001-151103-1137

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 07 - LEISURE
Category : T - PLACE OF WORSHIP
VEHICLES

Selected regions and areas:

05	EAST MIDLANDS		
	LN	LINCOLNSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	NE	NORTH EAST LINCOLNSHIRE	1 days
10	WALES		
	MM	MONMOUTHSHIRE	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Filtering Stage 2 selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area
Actual Range: 300 to 1200 (units: sqm)
Range Selected by User: 300 to 1200 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/07 to 11/05/14

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:
Sunday 3 days

This data displays the number of selected surveys by day of the week.

Selected survey types:
Manual count 3 days
Directional ATC Count 0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaking using machines.

Selected Locations:
Edge of Town Centre 2
Suburban Area (PPS6 Out of Centre) 1

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:
Residential Zone 1
No Sub Category 2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

C3	1 days
D1	2 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

5,001 to 10,000	1 days
10,001 to 15,000	1 days
15,001 to 20,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	1 days
50,001 to 75,000	1 days
100,001 to 125,000	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

1.1 to 1.5	3 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	3 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

The 'browse and select' feature in TRICS was used to choose the sites to be included in this selected set. The TRICS user browsed the full list of sites for this land use category and selected directly from this list.

1 LN-07-T-01 METHODIST CHURCH LINCOLNSHIRE
BIRCHWOOD AVENUE

LINCOLN
Suburban Area (PPS6 Out of Centre)
No Sub Category
Total Gross floor area: 300 sqm
Survey date: SUNDAY 13/05/07 Survey Type: MANUAL

2 MM-07-T-01 CHURCH MONMOUTHSHIRE
MONK STREET

ABERGAVENNY
Edge of Town Centre
No Sub Category
Total Gross floor area: 1200 sqm
Survey date: SUNDAY 07/10/07 Survey Type: MANUAL

3 NE-07-T-01 CHURCH NORTH EAST LINCOLNSHIRE
GRIMSBY ROAD

CLEETHORPES
Edge of Town Centre
Residential Zone
Total Gross floor area: 750 sqm
Survey date: SUNDAY 11/05/14 Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 07 - LEISURE/T - PLACE OF WORSHIP

VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	2	975	0.769	2	975	0.051	2	975	0.820
08:00 - 09:00	2	975	1.744	2	975	1.538	2	975	3.282
09:00 - 10:00	3	750	1.333	3	750	0.711	3	750	2.044
10:00 - 11:00	3	750	2.400	3	750	0.756	3	750	3.156
11:00 - 12:00	3	750	0.000	3	750	0.889	3	750	0.889
12:00 - 13:00	3	750	0.000	3	750	2.178	3	750	2.178
13:00 - 14:00	1	1200	0.000	1	1200	0.000	1	1200	0.000
14:00 - 15:00	1	1200	0.083	1	1200	0.000	1	1200	0.083
15:00 - 16:00	1	1200	0.250	1	1200	0.333	1	1200	0.583
16:00 - 17:00	1	1200	0.000	1	1200	0.000	1	1200	0.000
17:00 - 18:00	1	1200	1.417	1	1200	0.000	1	1200	1.417
18:00 - 19:00	1	1200	0.000	1	1200	0.000	1	1200	0.000
19:00 - 20:00	1	1200	0.000	1	1200	1.417	1	1200	1.417
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			7.996			7.873			15.869

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

Parameter summary

Trip rate parameter range selected:	300 - 1200 (units: sqm)
Survey date date range:	01/01/07 - 11/05/14
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	0
Number of Sundays:	3
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Calculation Reference: AUDIT-734001-151103-1104

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : A - OFFICE
VEHICLES

Selected regions and areas:

02	SOUTH EAST		
	ES	EAST SUSSEX	1 days
	HF	HERTFORDSHIRE	1 days
09	NORTH		
	CB	CUMBRIA	1 days
	TW	TYNE & WEAR	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

Filtering Stage 2 selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Gross floor area
Actual Range: 186 to 999 (units: sqm)
Range Selected by User: 186 to 999 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/01 to 16/10/13

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	1 days
Wednesday	3 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	4 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaking using machines.

Selected Locations:

Edge of Town Centre	2
Suburban Area (PPS6 Out of Centre)	2

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Residential Zone	1
Built-Up Zone	3

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Filtering Stage 3 selection:

Use Class:

B1	4 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

20,001 to 25,000	3 days
25,001 to 50,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

75,001 to 100,000	2 days
125,001 to 250,000	1 days
500,001 or More	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	4 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

Not Known	1 days
No	3 days

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

LIST OF SITES relevant to selection parameters

The 'browse and select' feature in TRICS was used to choose the sites to be included in this selected set. The TRICS user browsed the full list of sites for this land use category and selected directly from this list.

1 CB-02-A-01 RADIO STATION CUMBRIA
ANNETWELL STREET

CARLISLE
Suburban Area (PPS6 Out of Centre)
Built-Up Zone
Total Gross floor area: 999 sqm
Survey date: MONDAY 24/06/02 Survey Type: MANUAL

2 ES-02-A-09 HOUSING COMPANY EAST SUSSEX
THE SIDINGS
ORE VALLEY
HASTINGS
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Gross floor area: 186 sqm
Survey date: WEDNESDAY 19/12/12 Survey Type: MANUAL

3 HF-02-A-03 OFFICE HERTFORDSHIRE
60 VICTORIA STREET

ST ALBANS
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 610 sqm
Survey date: WEDNESDAY 16/10/13 Survey Type: MANUAL

4 TW-02-A-01 RADIO STUDIOS TYNE & WEAR
CHURCH STREET

GATESHEAD
Edge of Town Centre
Built-Up Zone
Total Gross floor area: 645 sqm
Survey date: WEDNESDAY 04/05/05 Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE

VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	3	480	0.139	3	480	0.069	3	480	0.208
07:30 - 08:00	3	480	0.069	3	480	0.000	3	480	0.069
08:00 - 08:30	3	480	0.347	3	480	0.000	3	480	0.347
08:30 - 09:00	3	480	1.110	3	480	0.139	3	480	1.249
09:00 - 09:30	4	610	0.369	4	610	0.123	4	610	0.492
09:30 - 10:00	4	610	0.164	4	610	0.287	4	610	0.451
10:00 - 10:30	4	610	0.246	4	610	0.041	4	610	0.287
10:30 - 11:00	4	610	0.205	4	610	0.082	4	610	0.287
11:00 - 11:30	4	610	0.123	4	610	0.123	4	610	0.246
11:30 - 12:00	4	610	0.369	4	610	0.369	4	610	0.738
12:00 - 12:30	4	610	0.082	4	610	0.205	4	610	0.287
12:30 - 13:00	4	610	0.328	4	610	0.205	4	610	0.533
13:00 - 13:30	4	610	0.205	4	610	0.123	4	610	0.328
13:30 - 14:00	4	610	0.205	4	610	0.246	4	610	0.451
14:00 - 14:30	4	610	0.451	4	610	0.205	4	610	0.656
14:30 - 15:00	4	610	0.205	4	610	0.082	4	610	0.287
15:00 - 15:30	4	610	0.164	4	610	0.164	4	610	0.328
15:30 - 16:00	4	610	0.205	4	610	0.205	4	610	0.410
16:00 - 16:30	4	610	0.205	4	610	0.410	4	610	0.615
16:30 - 17:00	4	610	0.205	4	610	0.246	4	610	0.451
17:00 - 17:30	3	480	0.139	3	480	0.416	3	480	0.555
17:30 - 18:00	3	480	0.069	3	480	1.457	3	480	1.526
18:00 - 18:30	3	480	0.000	3	480	0.208	3	480	0.208
18:30 - 19:00	3	480	0.069	3	480	0.208	3	480	0.277
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			5.673			5.613			11.286

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

Parameter summary

Trip rate parameter range selected:	186 - 999 (units: sqm)
Survey date date range:	01/01/01 - 16/10/13
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.