

Clover House
Western Lane
Odiham
Hampshire RG29 1TU
Tel: 01256 700355
Fax: 01256 704934
Email: info@bellamyroberts.co.uk

HAVANT BOROUGH
COUNCIL

18 AUG 2014

RECEIVED

BARTONS ROAD
HAVANT

TRANSPORT STATEMENT

on behalf of
Linden Homes Southern



ITR/4327/TS.1

August 2014

G D Bellamy BSc CEng MICE
I T Roberts MCIT

Bellamy Roberts LLP (trading as
Bellamy Roberts) is a Limited
Liability Partnership registered in
England.

Reg No OC303725. Registered Office:
Clover House, Western Lane, Odiham,
Hampshire RG29 1TU

CONTENTS

Section		Page No.
1.0	Introduction	1
2.0	Site Location	1
3.0	Existing Conditions	2
4.0	Traffic Data	2
5.0	Proposed Development	2
6.0	Sustainable Transport Connections	5
7.0	Conclusions	8

Appendices

Appendix 1	Site Location Plan (4327/301)
Appendix 2	Traffic Surveys
Appendix 3	Architect's Site Layout Plan
Appendix 4	TRICS Report
Appendix 5	Access and Pavement Details
Appendix 6	Swept Path Analyses
Appendix 7	Pedestrian Isochrone Plan
Appendix 8	Train Timetables
Appendix 9	Bus Map and Timetables

1.0 INTRODUCTION

- 1.1 Bellamy Roberts LLP has been instructed by Linden Homes Southern to provide highway and transportation advice in support of proposals to build 55 residential units on land at Bartons Road, Havant.
- 1.2 The application site comprises partly developed land, with buildings to the south and east of the site. These buildings are currently used for commercial and residential purposes. The remaining land to the north and west of the site consists of grassland. Access to the site is formed from Bartons Road.
- 1.3 The purpose of this Transport Statement is to assess the acceptability of the proposals in terms of traffic impact, highway safety, sustainability and accessibility.
- 1.4 This report should be read in conjunction with the application submission and associated drawings by BrightSpace Architects.

2.0 SITE LOCATION

- 2.1 The application site is situated in Havant, 2.2 km northeast of Havant Town Centre, 1.5 km east of Leigh Park, 2.9 km northwest of Emsworth, and 3 km northeast of Bedhampton. It is located on the north side of Bartons Road. The main access to the site will be formed from Bartons Road in the approximate location of the existing access. A site location plan is at **Appendix 1**.
- 2.2 The surrounding area is semi-rural, with the town of Havant found mainly to the west of the site. The town includes a number of local services and amenities, including the Meridian Shopping Centre, Havant Library, Havant Railway Station, Havant College and a selection of shops and restaurants along West Street.
- 2.3 It is clear that the site is close to, and well served, by local facilities and amenities offered by Havant and, as such, it is considered that the sustainability

assuming they are evenly spread across the hour. Also when taking into account the direction of traffic, whether it will go east or west, it becomes clear this will have little impact on the adjoining network.

- 5.6 To establish the impact of the proposals on the neighbouring highway network, a proportional impact has been calculated for Bartons Road both east and west of the site access. The results of this exercise are summarised in Table 2, derived from existing daily traffic flows.

Table 2
Net Increase from the Proposed Development

	Location					
	West of Access	DevT. Flows	%	East of Access	DevT. Flows	%
AM Peak Hour	869	13	1.49%	869	12	1.38%
PM Peak Hour	888	15	1.68%	888	11	1.23%
Daily	10,550	127	1.20%	10,550	109	1.03%

- 5.7 It can be seen that the traffic associated with the development will have an insignificant impact on the surrounding road network.

Access

- 5.8 In order to access the site, a new site access will be formed from Bartons Road, at the existing eastern access to the site. Visibility can be provided at the access commensurate with a 40 mph with splays of 2.4m x 120m in each direction. The suggested layout for the access and new pavement is illustrated on the drawings at **Appendix 5**.

- 5.9 To the west of the vehicular access, a 2.5m wide pedestrian footway will be provided along Bartons Road, connecting the site with the existing footway network. Pedestrian facilities will be enhanced by providing dropped kerbs and tactile paving at existing islands which will improve the pedestrian crossing on Bartons Road.

Parking

5.10 Parking is to be provided in line with Havant Borough Council parking standards, which require the following car parking provision:

- 1-bed unit = 1 space per unit
- 2 - 3-bed unit = 2 space per unit
- 4+ bed unit = 3 space per unit

5.11 Cycle Parking will also be provided on-site in line with the following adopted standard:

- 1-bed unit = 1 long stay and 1 short stay
- 3-bed unit = 2 long stay and 1 short stay
- 4 + bed unit = 2 long stay and 1 short stay

5.12 From the proposed site plan, there is sufficient parking in accordance to the above standards. This is shown on the Architects site layout plan at Appendix 3.

Servicing

5.13 To ensure that a refuse vehicle and fire tender can negotiate the site, entering and exiting in a forward gear, swept path analyses have been undertaken. A selection of plots has been included at **Appendix 6**. This demonstrates that such vehicles can access the site comfortably, provided that some minor modifications to the turning head at the end of the cul-de-sac are undertaken.

6.0 SUSTAINABLE TRANSPORT CONNECTIONS

Pedestrians

6.1 In the absence of Planning Policy Guidance Note 13 'Transport', which set out the widely recognised walking distance of 2 km, the 'Guidelines for Providing Journeys on Foot' by the Institution of Highways and Transportation, has been referred to. Within Table 3.2, suggested walking distances have been set-out. Whilst a distance of 2 km still features as a preferred maximum walking distance for commuting, for other locations, a distance of 1.2 km is stated.

6.2 A pedestrian isochrone plan had been attached at **Appendix 7**, to identify these recognised walking distances in relation to the application site, along with the local facilities that can be found within this distance.

6.3 As a result of the proposals, it is intended that a new footway links along the north side of Bartons Road, linking with the existing footway at Wakefords Way to the west. Pedestrian enhancements will be made to the existing islands adjacent to the site, such as dropped kerbs and tactile paving, improving the pedestrian crossing on Bartons Road.

Rail

6.4 The site is served by Havant Railway Station, which can be found 1.9 km southwest of the site, on North Street. Rail services are provided to destinations such as London Waterloo, London Victoria, Portsmouth Harbour, Southampton, Brighton and Littlehampton with stations between. These services operate regularly throughout the day.

6.5 For the AM peak (08:00 - 09:00), there are five services to London Waterloo and Victoria, four services to Portsmouth Harbour, two services to Southampton & Brighton and one service to Littlehampton. Facilities at the station include cycle parking, a car park, ticket office, sheltered seating, waiting rooms, WC's, coffee shop, cash machine and lifts for disabled users.

6.6 The site is also served by Warblington Railway Station, which can be found 1.6 km south of the site, along Southleigh Road. Rail services are provided to destinations such as London Victoria, Portsmouth and Southsea, Southampton and Littlehampton with stations between. However, these services run much less frequently, with only an hourly service each way. Facilities at the station include sheltered seating. A copy of the arrivals and departures can be found at **Appendix 8**.

Buses

6.7 There are two bus routes that run close to the site. These routes are the Nos. 20 and 21, which run between Havant and Portsmouth. The closest bus stop is

241m west of the site along Wakeford Way, this bus stop comprises a bus shelter with seating. The other bus stop is on the opposite side of Wakeford Way, comprising a standing stop.

- 6.8 Nos. 20 and 21 run every 30 minutes, a summary of these services is provided in Table 3 below. A copy of the route map and timetable can be found in **Appendix 9**.

Table 3
Bus Services

Route	From	To		Mon - Fri		Sat		Sun	
				First	Last	First	Last	First	Last
20	Havant	Portsmouth	30 mins	06:33	20:07	07:02	20:07	-	-
20	Portsmouth	Havant	30 mins	07:01	21:06	07:16	21:06	-	-
21	Havant	Portsmouth	30 mins	05:52	22:47	06:47	22:47	07:52	20:47
21	Portsmouth	Havant	30 mins	06:23	23:27	07:31	23:26	08:37	22:26

Cycling

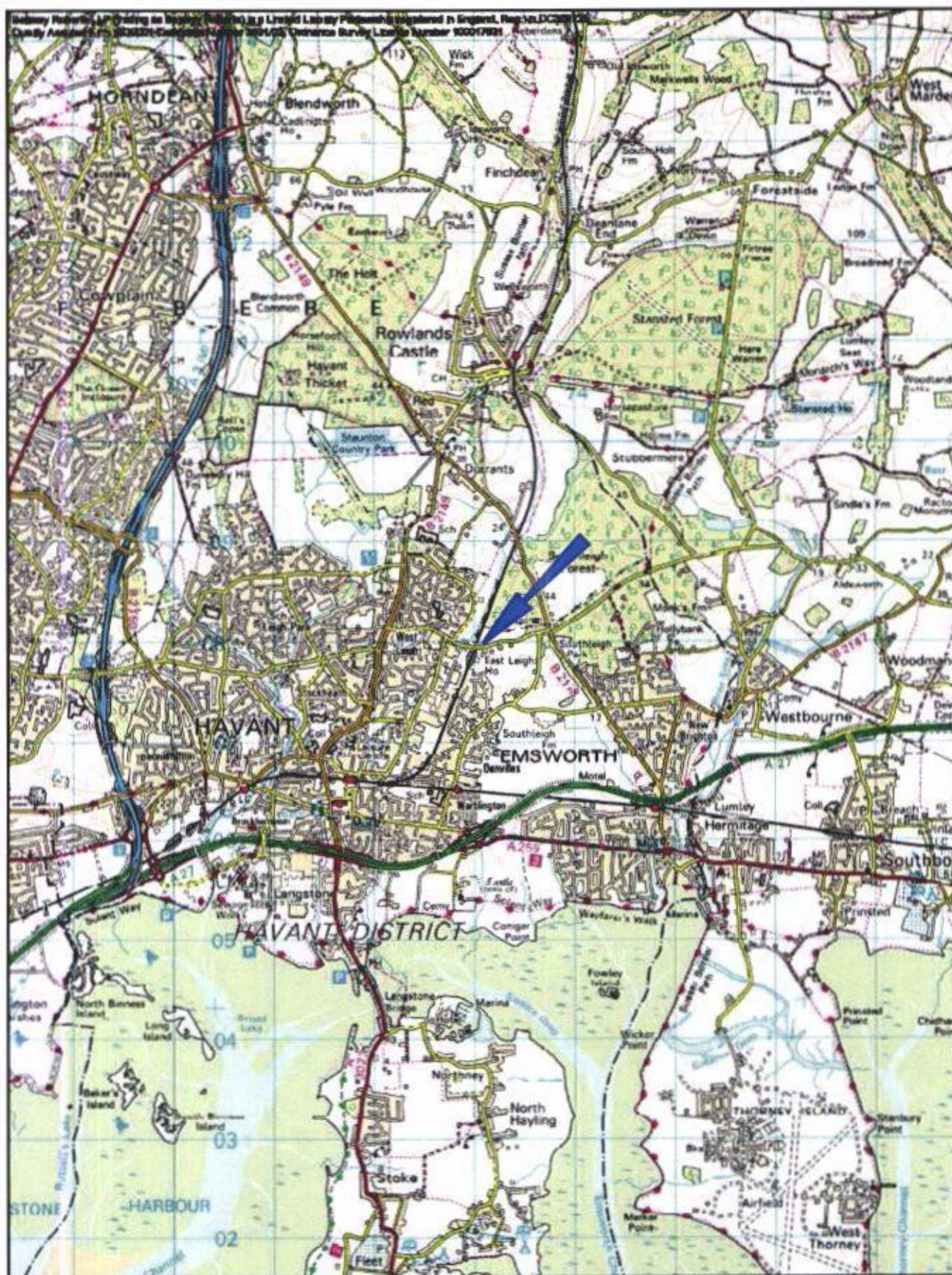
- 6.9 Cycling can be a realistic alternative to the car, particularly for journeys under 5 km. There are no cycleways in the vicinity of the site; however there is a cycleway that runs along Petersfield Road, 0.9 km west of the site. The cycleway runs to the north out of Havant and to the south through Havant Town Centre, and then further on to Portsmouth. There is also another cycleway, 0.7 km south of the site, this runs along Southleigh Road linking Emsworth in the east and Warblington in the west.
- 6.10 As a result, due to the site's close proximity to cycleways, cycling can be considered a desirable mode of transport.

7.0 CONCLUSIONS

- 7.1 Bellamy Robert LLP has been instructed by Linden Homes Southern to provide highways and transportation advice in support of proposals to build 55 residential units on land at Bartons Road, Havant.
- 7.2 This Transport Statement has considered the potential highway and transportation impact attributed to these proposals. As a result, it has been demonstrated that the application will result in an additional 25 movements in the AM network peak and 26 in the PM network peak. Traffic flows of this order would not result in a significant impact on the local highway network.
- 7.3 Access to the site will be formed from Bartons Road, through the improved existing entrance to the site. Visibility is provided commensurate with a 40 mph zone. A pedestrian link will be provided down the west side of Bartons Road, connecting with the existing footway network. Dropped kerbs and tactile paving will be provided at existing islands, to improve the pedestrian crossing adjacent to the site.
- 7.4 Car parking on-site will be provided in line with Havant Borough Council parking standards.
- 7.5 It has been demonstrated that the access and layout can accommodate the turning movements of a large refuse vehicle and fire tender, thereby entering and exiting the site in a forward gear.
- 7.6 The site is in close proximity to Havant and nearby cycleways, enabling local trips to be undertaken by cycle or foot in preference to the car. It can be considered that the proposals do not represent a service impact on the surrounding highway network and assists in promoting sustainable transport principles.
- 7.7 The application is therefore deemed acceptable from a highway and transportation perspective.

APPENDICES

APPENDIX 1



PROJECT
Barton's Road, Havant

TABLE 3

Site location

Glover House
Western Lane
Odham
Hampshire, RG32W 1TU

Tel: 01268 703005
Fax: 01268 704834
Email: info@battanyroberts.co.uk

13/03/13

1,50,000 @ A4

Linden Holmes

4327 / 301

GPW

IR

APPENDIX 2

Site No: 72080003
C422 Bartons Rd Havant
Vehicle Count Summary

Site Reference: 472364108134
From 18/06/2004 To 25/06/2004 Channel: Westbound

Time	Mon	Tue	Wed	Thu	Fri	Sat	Sun	5-Day Av	7-Day Av
Begin									
00:00	10	13	13	17	20	54	70	15	28
01:00	10	10	7	9	7	22	37	9	15
02:00	5	2	3	8	13	15	16	6	9
03:00	5	2	3	2	5	9	9	3	5
04:00	5	12	13	11	9	8	3	10	9
05:00	36	47	31	35	41	16	13	38	31
06:00	105	118	116	121	103	56	21	113	91
07:00	290	281	257	285	271	142	59	277	226
08:00	457	498	505	429	476	205	87	473	380
09:00	352	344	365	374	377	346	174	362	333
10:00	324	315	305	344	368	383	302	331	334
11:00	341	357	378	337	334	440	366	349	365
12:00	362	354	370	378	432	448	429	379	396
13:00	393	422	381	385	459	403	385	408	404
14:00	388	396	355	376	437	424	359	390	391
15:00	417	416	432	426	482	410	354	435	420
16:00	505	524	495	565	521	359	257	522	461
17:00	494	497	468	532	473	367	257	493	441
18:00	333	383	351	402	373	298	214	368	336
19:00	225	284	254	231	282	232	194	255	243
20:00	105	166	150	104	211	162	142	147	149
21:00	123	116	151	87	181	101	96	132	122
22:00	90	62	76	135	110	95	70	95	91
23:00	32	32	36	73	68	111	30	48	55

12H,7-19	4656	4787	4662	4833	5003	4225	3243	4788	4487
16H,6-22	5214	5471	5333	5376	5780	4776	3696	5435	5092
18H,6-24	5336	5565	5445	5584	5958	4982	3796	5578	5238
24H,0-24	5407	5651	5515	5666	6053	5106	3944	5658	5335

Am	08:00	08:00	08:00	08:00	08:00	11:00	11:00	-	-
Peak	457	498	505	429	476	440	366	473	453
Pm	16:00	16:00	16:00	16:00	16:00	12:00	12:00	-	-
Peak	505	524	495	565	521	448	429	522	498

Transport Policy

Created at 12:57:37 on 15 Mar 2013

Site No: 72080003
C422 Bartons Rd Havant
Vehicle Count Summary

Site Reference: 472364108134
From 18/06/2004 To 25/06/2004 Channel: Eastbound

Time	Mon	Tue	Wed	Thu	Fri	Sat	Sun	5-Day Av	7-Day Av
Begin									
00:00	7	10	19	20	16	45	53	14	24
01:00	9	8	7	9	14	17	29	9	13
02:00	9	2	2	5	6	22	20	5	9
03:00	2	5	3	6	4	11	7	4	5
04:00	4	10	6	11	5	5	6	7	7
05:00	37	42	42	50	41	23	12	42	35
06:00	107	113	95	96	95	55	24	101	84
07:00	317	320	306	328	335	112	38	321	251
08:00	390	390	404	396	398	151	71	396	314
09:00	323	349	298	306	302	249	169	316	285
10:00	301	266	260	292	298	369	293	283	297
11:00	308	303	280	308	329	396	338	306	323
12:00	322	354	347	344	355	360	331	344	345
13:00	318	341	291	342	361	337	349	331	334
14:00	308	327	285	322	334	350	336	315	323
15:00	348	369	374	380	396	361	273	373	357
16:00	369	394	343	329	409	301	255	369	343
17:00	365	405	399	406	401	284	176	395	348
18:00	319	326	291	299	340	248	163	315	284
19:00	205	237	195	242	258	251	141	227	218
20:00	103	148	141	96	180	156	131	134	136
21:00	128	155	160	97	154	154	121	139	138
22:00	89	86	87	109	84	95	72	91	89
23:00	37	39	46	67	79	88	28	54	55

12H,7-19	3988	4144	3878	4052	4258	3518	2792	4064	3804
16H,6-22	4531	4797	4469	4583	4945	4134	3209	4665	4381
18H,6-24	4657	4922	4602	4759	5108	4317	3309	4810	4525
24H,0-24	4725	4999	4681	4860	5194	4440	3436	4892	4619

Am	08:00	08:00	08:00	08:00	08:00	11:00	11:00	-	-
Peak	390	390	404	396	398	396	338	396	387
Pm	16:00	17:00	17:00	17:00	16:00	15:00	13:00	-	-
Peak	369	405	399	406	409	361	349	396	385

Transport Policy

Created at 12:57:37 on 15 Mar 2013

APPENDIX 3

APPENDIX 4

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : K - MIXED PRIVATE HOUSING
VEHICLES

Selected regions and areas:

01	GREATER LONDON	
	EN ENFIELD	1 days
	HA HARROW	1 days
	HG HARINGEY	1 days
	IS ISLINGTON	1 days
02	SOUTH EAST	
	RE READING	1 days
	WS WEST SUSSEX	1 days
03	SOUTH WEST	
	GS GLOUCESTERSHIRE	1 days
04	EAST ANGLIA	
	CA CAMBRIDGESHIRE	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
06	WEST MIDLANDS	
	ST STAFFORDSHIRE	2 days
08	NORTH WEST	
	CH CHESHIRE	1 days
	GM GREATER MANCHESTER	1 days
10	WALES	
	CF CARDIFF	1 days
	CP CAERPHILLY	1 days
11	SCOTLAND	
	AD ABERDEEN CITY	1 days
	FA FALKIRK	1 days
	FI FIFE	1 days
	HI HIGHLAND	1 days
13	MUNSTER	
	CR CORK	1 days
14	LEINSTER	
	WT WESTMEATH	1 days
15	GREATER DUBLIN	
	DL DUBLIN	1 days
17	ULSTER (NORTHERN IRELAND)	
	DE DERRY	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: Number of dwellings
Actual Range: 22 to 346 (units:)
Range Selected by User: 19 to 788 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/05 to 20/06/12

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
Tuesday	5 days
Wednesday	6 days
Thursday	5 days
Friday	6 days

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

Selected survey types:

Manual count	23 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 undertaken using machines.

Selected Locations:

Suburban Area (PP56 Out of Centre)	18
Edge of Town	5

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	17
Built-Up Zone	1
No Sub Category	5

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	22 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@.

Filtering Stage 3 selection (Cont.):**Population within 1 mile:**

5,001 to 10,000	2 days
10,001 to 15,000	5 days
15,001 to 20,000	3 days
20,001 to 25,000	5 days
25,001 to 50,000	7 days
50,001 to 100,000	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	2 days
75,001 to 100,000	2 days
100,001 to 125,000	2 days
125,001 to 250,000	8 days
250,001 to 500,000	3 days
500,001 or More	5 days

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

Car ownership within 5 miles:

0.5 or Less	2 days
0.6 to 1.0	9 days
1.1 to 1.5	11 days
1.6 to 2.0	1 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	23 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

- | | | | |
|---|---|-----------------|--|
| 1 | AD-03-K-01
ASHGROVE ROAD

ABERDEEN
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings:
<i>Survey date: WEDNESDAY</i> | 24
11/05/05 | ABERDEEN CITY

<i>Survey Type: MANUAL</i> |
| 2 | CA-03-K-01
SOVEREIGN HOUSE
ALDERMANS DRIVE
PETERBOROUGH
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings:
<i>Survey date: TUESDAY</i> | 40
18/10/11 | CAMBRIDGESHIRE

<i>Survey Type: MANUAL</i> |
| 3 | CF-03-K-01
BISHOPS ROAD
LLANDAFF NORTH
CARDIFF
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings:
<i>Survey date: MONDAY</i> | 84
08/10/07 | CARDIFF

<i>Survey Type: MANUAL</i> |
| 4 | CH-03-K-03
PRIORY LANE
BROKEN CROSS
MACCLESFIELD
Edge of Town
Residential Zone
Total Number of dwellings:
<i>Survey date: FRIDAY</i> | 211
29/06/07 | CHESHIRE

<i>Survey Type: MANUAL</i> |
| 5 | CP-03-K-01
TRECENYDD
CAERPHILLY
Edge of Town
Residential Zone
Total Number of dwellings:
<i>Survey date: FRIDAY</i> | 61
19/09/08 | CAERPHILLY

<i>Survey Type: MANUAL</i> |
| 6 | CR-03-K-01
SKEHARD ROAD
BULLINURE
CORK
Edge of Town
Residential Zone
Total Number of dwellings:
<i>Survey date: FRIDAY</i> | 75
03/07/09 | CORK

<i>Survey Type: MANUAL</i> |

LIST OF SITES relevant to selection parameters (Cont.)

7	DE-03-K-01	HOUSES & FLATS		DERRY
	NORTHLAND ROAD			
	CLOUGHGLASS			
	LONDONDERRY			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	92		
	<i>Survey date: WEDNESDAY</i>	20/06/12	<i>Survey Type: MANUAL</i>	
8	DL-03-K-01	MIXED HOUSING		DUBLIN
	FINGLAS ROAD			
	DUBLIN			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	248		
	<i>Survey date: FRIDAY</i>	22/06/07	<i>Survey Type: MANUAL</i>	
9	EN-03-K-01	MIXED HOUSING		ENFIELD
	MOUNT PLEASANT			
	COCKFOSTERS			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	68		
	<i>Survey date: FRIDAY</i>	07/11/08	<i>Survey Type: MANUAL</i>	
10	FA-03-K-01	MIXED HOUSING		FALKIRK
	ETNA ROAD			
	BAINSFORD			
	FALKIRK			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	224		
	<i>Survey date: THURSDAY</i>	26/04/07	<i>Survey Type: MANUAL</i>	
11	FI-03-K-01	MIXED HOUSING		FIFE
	WOODMILL ROAD			
	DUNFERMLINE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	36		
	<i>Survey date: FRIDAY</i>	20/04/07	<i>Survey Type: MANUAL</i>	
12	GM-03-K-02	SEMI DET. & FLATS		GREATER MANCHESTER
	ABRAM CLOSE			
	FALLOWFIELD			
	MANCHESTER			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	33		
	<i>Survey date: TUESDAY</i>	11/10/11	<i>Survey Type: MANUAL</i>	
13	GS-03-K-01	MIXED HOUSING		GLOUCESTERSHIRE
	CONEY HILL ROAD			
	CONEY HILL			
	GLOUCESTER			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	33		
	<i>Survey date: THURSDAY</i>	29/04/10	<i>Survey Type: MANUAL</i>	

LIST OF SITES relevant to selection parameters (Cont.)

14	HA-03-K-01 HEADSTONE LANE HARROW HATCH END Suburban Area (PPS6 Out of Centre) No Sub Category Total Number of dwellings: <i>Survey date: TUESDAY</i>	MIXED HOUSING 91 20/11/07	HARROW <i>Survey Type: MANUAL</i>
15	HG-03-K-01 A105 GREEN LANES FINSBURY PARK Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: <i>Survey date: TUESDAY</i>	TERRACED & FLATS 346 23/01/07	HARINGEY <i>Survey Type: MANUAL</i>
16	HI-03-K-02 BALLIFEARY LANE INVERNESS Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: <i>Survey date: TUESDAY</i>	MIXED HOUSING 22 31/05/05	HIGHLAND <i>Survey Type: MANUAL</i>
17	IS-03-K-01 SUTTERTON STREET BARNBURY Suburban Area (PPS6 Out of Centre) Built-Up Zone Total Number of dwellings: <i>Survey date: WEDNESDAY</i>	TERRACED/FLATS 153 17/01/07	ISLINGTON <i>Survey Type: MANUAL</i>
18	LN-03-K-01 DE WINT AVENUE LINCOLN Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: <i>Survey date: WEDNESDAY</i>	TERRACED/FLATS 56 18/05/05	LINCOLNSHIRE <i>Survey Type: MANUAL</i>
19	RE-03-K-01 CONSTITUTION ROAD READING Edge of Town No Sub Category Total Number of dwellings: <i>Survey date: THURSDAY</i>	SEMI DETACHED/FLATS 44 03/12/09	READING <i>Survey Type: MANUAL</i>
20	ST-03-K-01 ROYAL WAY STOKE-ON-TRENT Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: <i>Survey date: THURSDAY</i>	MIXED HOUSING 162 27/11/08	STAFFORDSHIRE <i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

21	ST-03-K-02	TERRACED & FLATS		STAFFORDSHIRE
	CHASEWATER DRIVE			
	FORD GREEN			
	STOKE-ON-TRENT			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	73		
	<i>Survey date: WEDNESDAY</i>	<i>26/11/08</i>		<i>Survey Type: MANUAL</i>
22	WS-03-K-02	MIXED HOUSING		WEST SUSSEX
	RUSSELL WAY			
	CRAWLEY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	61		
	<i>Survey date: WEDNESDAY</i>	<i>28/11/07</i>		<i>Survey Type: MANUAL</i>
23	WT-03-K-01	MIXED HOUSING		WESTMEATH
	AUBURN HEIGHTS			
	ATHLONE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	140		
	<i>Survey date: THURSDAY</i>	<i>21/06/07</i>		<i>Survey Type: MANUAL</i>

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.

LIST OF SITES relevant to selection parameters (Cont.)

21	ST-03-K-02	TERRACED & FLATS		STAFFORDSHIRE
	CHASEWATER DRIVE			
	FORD GREEN			
	STOKE-ON-TRENT			
	Edge of Town			
	Residential Zone			
	Total Number of dwellings:	73		
	Survey date: WEDNESDAY	26/11/08		Survey Type: MANUAL
22	WS-03-K-02	MIXED HOUSING		WEST SUSSEX
	RUSSELL WAY			
	CRAWLEY			
	Suburban Area (PPS6 Out of Centre)			
	No Sub Category			
	Total Number of dwellings:	61		
	Survey date: WEDNESDAY	28/11/07		Survey Type: MANUAL
23	WT-03-K-01	MIXED HOUSING		WESTMEATH
	AUBURN HEIGHTS			
	ATHLONE			
	Suburban Area (PPS6 Out of Centre)			
	Residential Zone			
	Total Number of dwellings:	140		
	Survey date: THURSDAY	21/06/07		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 03 - RESIDENTIAL/K - MIXED PRIVATE HOUSING

VEHICLES**Calculation factor: 1 DWELLS**

Estimated TRIP rate value per 55 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated 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	23	103	0.061	3.332	23	103	0.226	12.425	23	103	0.287	15.757
08:00 - 09:00	23	103	0.119	6.548	23	103	0.329	18.094	23	103	0.448	24.642
09:00 - 10:00	23	103	0.140	7.682	23	103	0.209	11.500	23	103	0.349	19.182
10:00 - 11:00	23	103	0.116	6.363	23	103	0.154	8.492	23	103	0.270	14.855
11:00 - 12:00	23	103	0.132	7.265	23	103	0.122	6.733	23	103	0.254	13.998
12:00 - 13:00	23	103	0.148	8.122	23	103	0.145	7.983	23	103	0.293	16.105
13:00 - 14:00	23	103	0.154	8.446	23	103	0.164	9.001	23	103	0.318	17.447
14:00 - 15:00	23	103	0.164	9.024	23	103	0.167	9.163	23	103	0.331	18.187
15:00 - 16:00	23	103	0.208	11.454	23	103	0.160	8.816	23	103	0.368	20.270
16:00 - 17:00	23	103	0.277	15.248	23	103	0.175	9.626	23	103	0.452	24.874
17:00 - 18:00	23	103	0.281	15.480	23	103	0.194	10.644	23	103	0.475	26.124
18:00 - 19:00	23	103	0.273	15.017	23	103	0.176	9.695	23	103	0.449	24.712
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			2.073	113.981			2.221	122.172			4.294	236.153

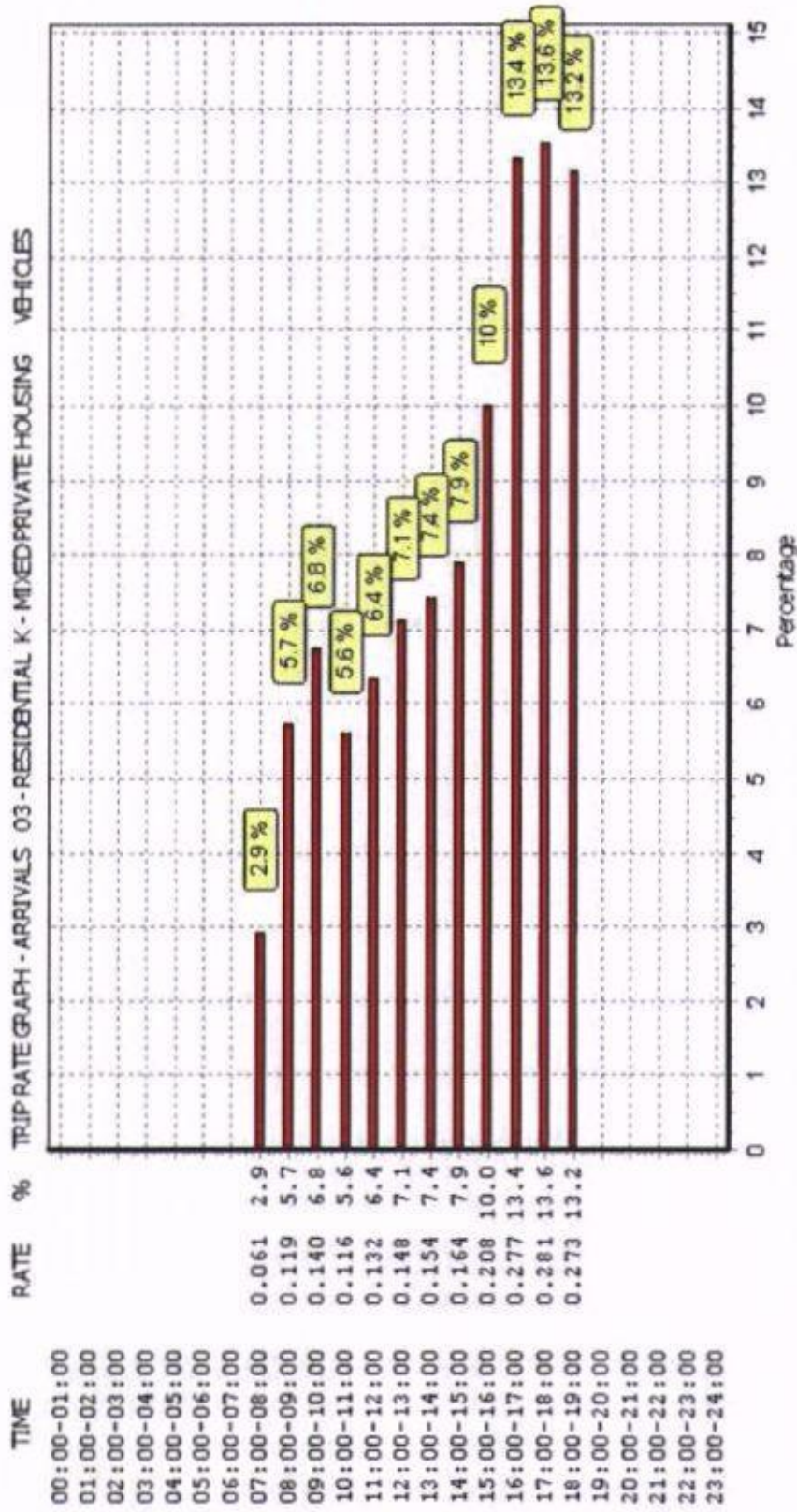
This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are 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.

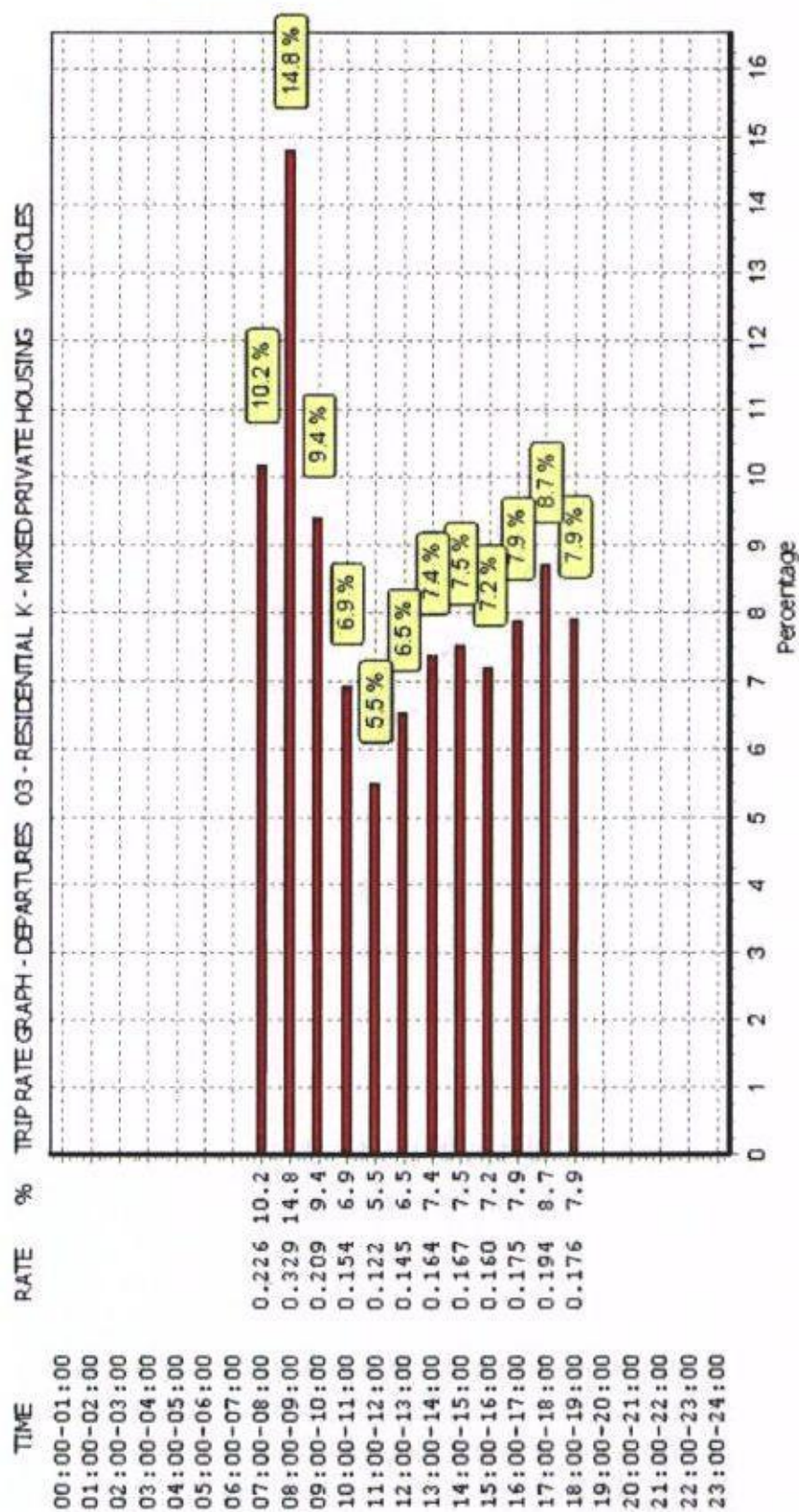
Parameter summary

Trip rate parameter range selected: 22 - 346 (units:)
 Survey date range: 01/01/05 - 20/06/12
 Number of weekdays (Monday-Friday): 23
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys manually removed from selection: 2

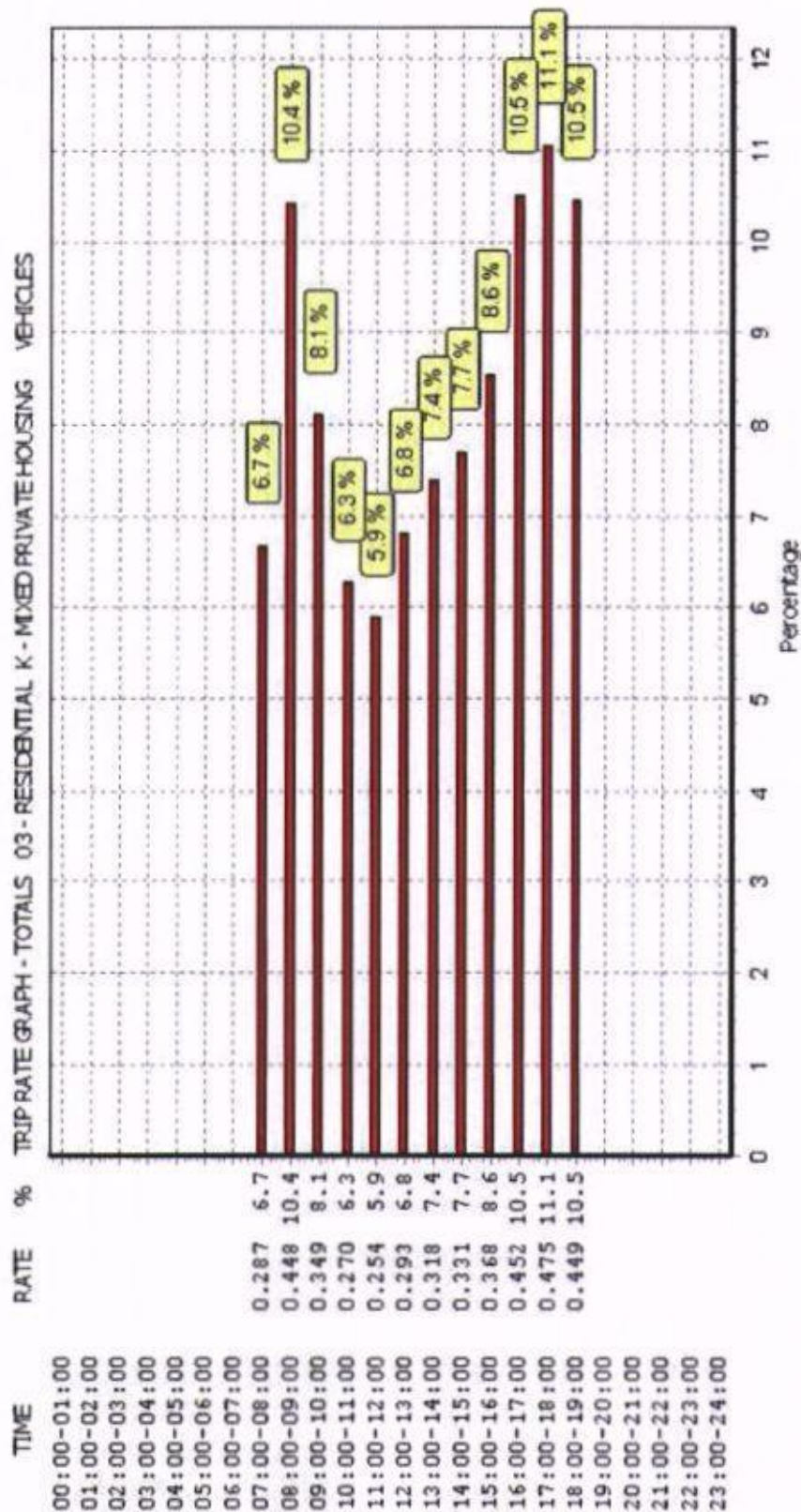
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected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



This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.

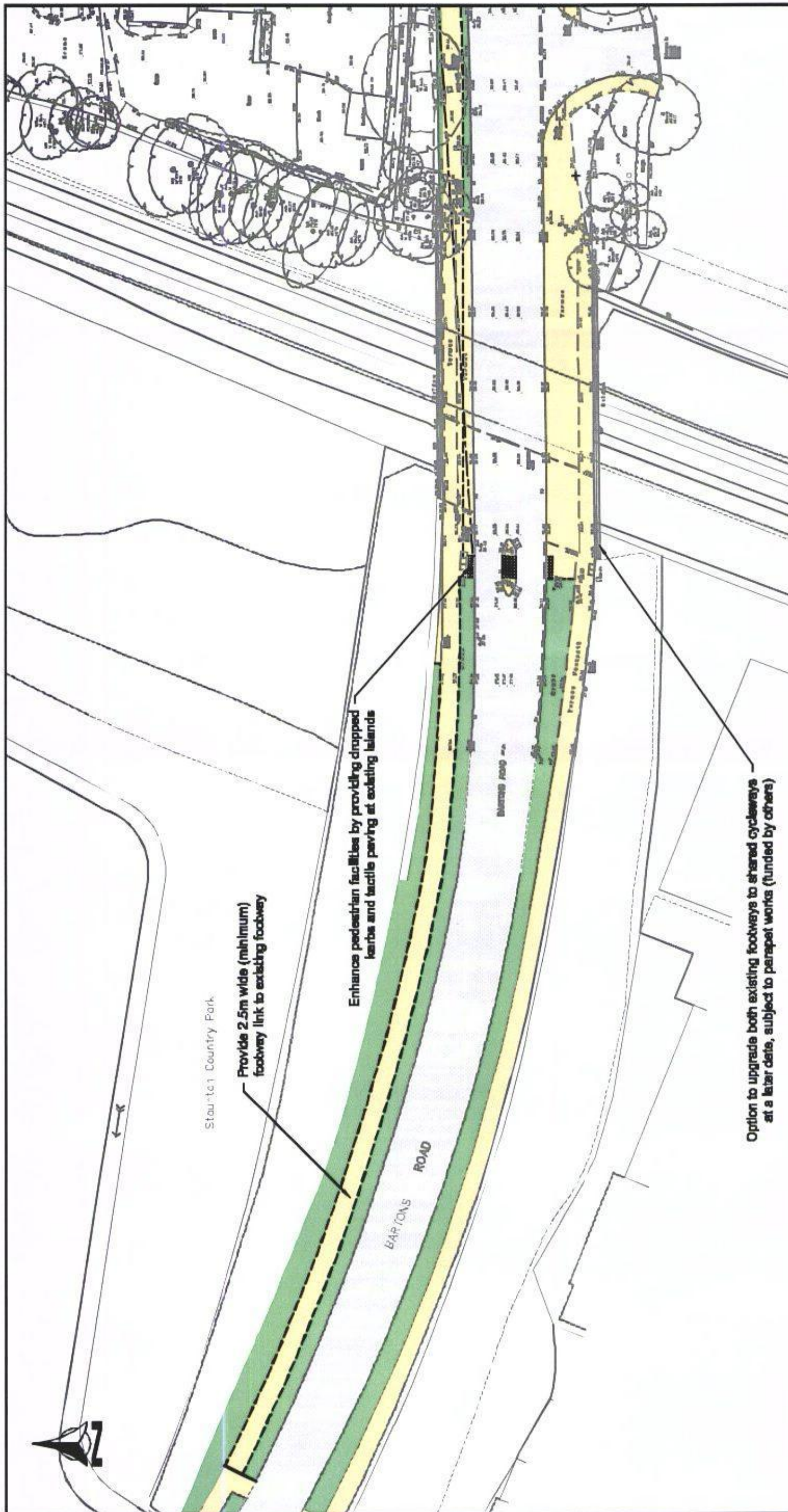


This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.

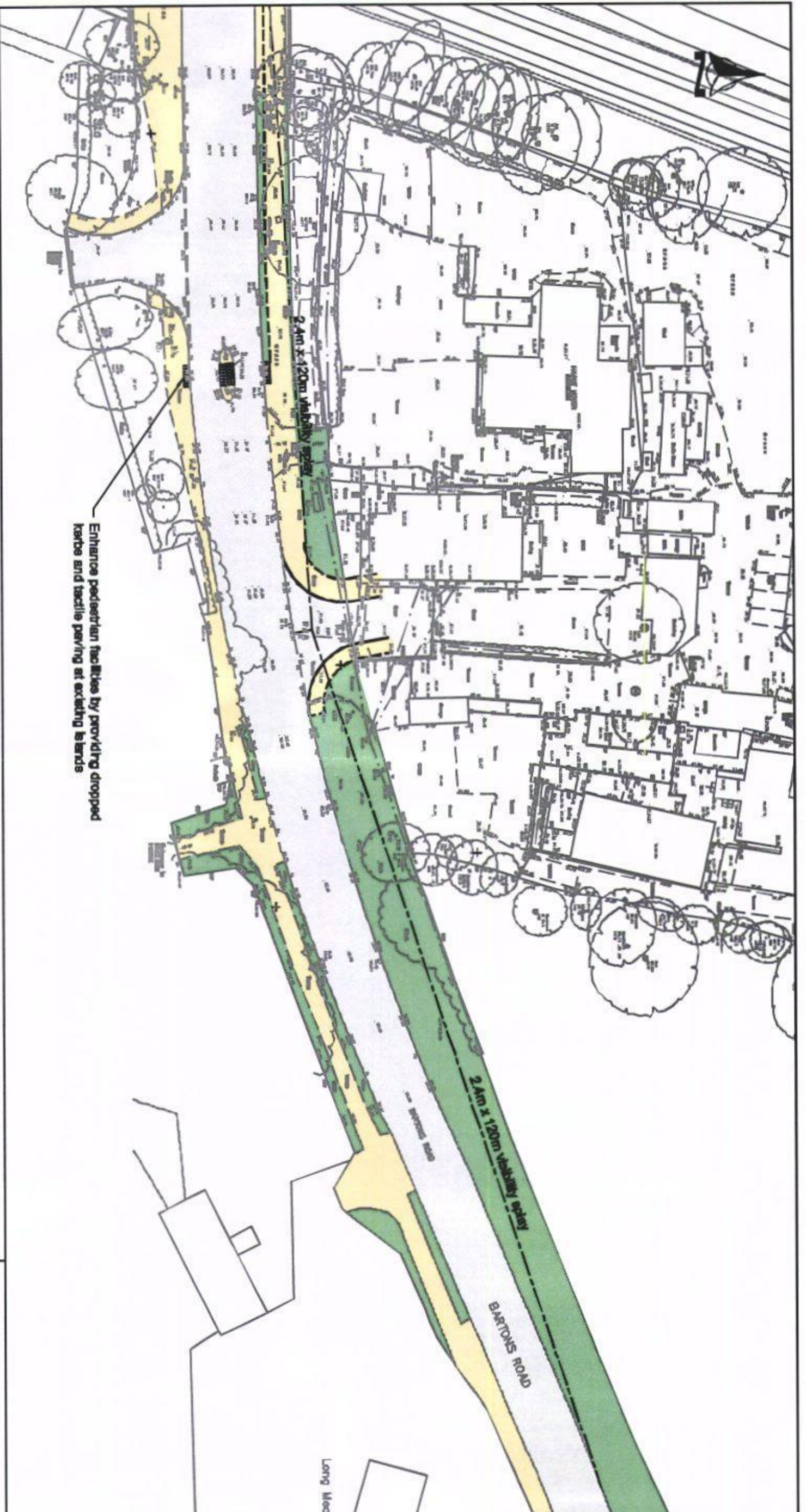


This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through observation. Note that the type of count and the selected direction is shown at the top of the graph.

APPENDIX 5



		Clover House Western Lane Colham Hampshire, RG22 7TU Tel: 01256 703285 Fax: 01256 704894 Email: info@bryon.co.uk		
Client	Lincoln Homes	GPW	GPW	ITR
Project	Barton's Road, Havant	13/05/13	4327 / 001	
Proposed footway improvements				
Scale	1:500 @ A3			



Chow House
 Western Lane
 Oadby
 Leicestershire, LE20 9TU
 Tel: 01530 700000
 Fax: 01530 700001
 Email: info@chowhouse.co.uk

Lincoln Homes

Barton's Road, Newark

Proposed site access & pedestrian facilities

GPV	GPV	TR
13/05/13	4327 / 002	
1:500 @ A3		

APPENDIX 6



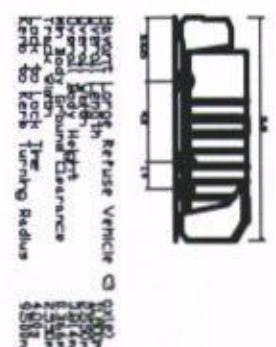
Havant Large Refuse Vehicle CS
Overall Length 10.5m
Overall Width 2.5m
Overall Height 3.5m
Wheelbase 4.5m
Ground Clearance 0.2m
Lock to Lock Time 5.5m
Kerb to Kerb Turning Radius 9.5m

REV	AMENDMENT NOTE	DATE	BY	CHKD
000000	000000	000000	000000	000000

br
Clover House
Western Lane
Oslingham
Hampshire, RG29 1TU
Tel: 01256 703355
Fax: 01256 704234
Email: info@bellamyroberts.co.uk

CLIENT	Linden Homes
PROJECT	Barton Road, Havant
TITLE	Swept Path Analysis Refuse Vehicle Drawing 1 of 3
DRAWN BY	RIL
CHECKED BY	ITR
DATE	01/08/2014
SCALE	1:250 @ A3
PROJECT NO.	4327 / 205

Notes

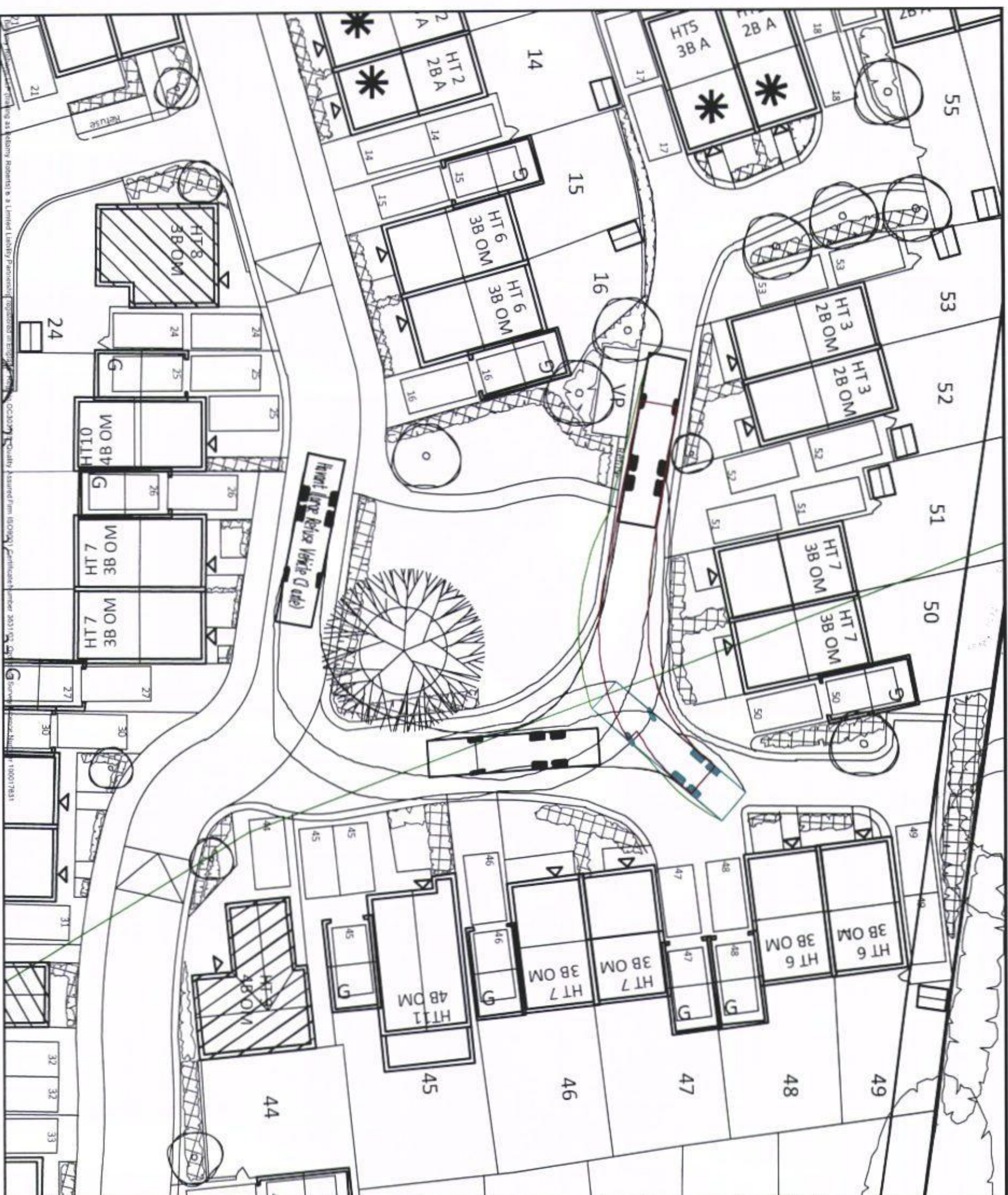


REV	DESCRIPTION	DATE	BY	CHKD
1	ISSUED FOR TENDERS	01/08/2014	RL	ITR

Client: Linden Homes
Address: Barton Road, Havant
Drawing: 2 of 3

Drawn: RL
Checked: ITR
Date: 01/08/2014
Scale: 1:250 @ A3

4327 / 206



Linden Homes
Barton Road, Havant
Swept Path Analysis
Refuse Vehicle
Drawing 2 of 3

Drawn: RL
Checked: ITR
Date: 01/08/2014
Scale: 1:250 @ A3

4327 / 206

NOTES



Havant Large Refuse Vehicle (1 unit)
Length: 10.5m
Width: 2.5m
Height: 2.5m
Ground Clearance: 2.5m
Kerb to Lock Line: 2.5m
Kerb to Kerb Turning Radius: 2.5m

REV	AMENDMENT NOTE	DATE	BY	CHK
1		05/06/2014		

Client: Linden Homes
Address: Barton Road, Havant
Title: Swept Path Analysis
Refuse Vehicle
Drawing 3 of 3
Contact: Tel: 01256 703355
Fax: 01256 704934
Email: info@bellamyroberts.co.uk

DATE	05/06/2014	SCALE	1:250 @ A3	REF NO.	4327 / 205
DATE	05/06/2014	SCALE	1:250 @ A3	REF NO.	4327 / 205



REV 1 01/08/2014 1:250 @ A3		REVISION 1 01/08/2014 1:250 @ A3	
PROJECT Linden Homes Barton Road, Havant Swept Path Analysis Fire Vehicle Drawing 1 of 3		CLIENT Linden Homes Barton Road, Havant Swept Path Analysis Fire Vehicle Drawing 1 of 3	
DESIGNER Clover House Western Lane Oxtren Hampshire, RG29 1TU Tel: 01256 703355 Fax: 01256 704834 Email: info@cloverhousedesign.co.uk		DATE 01/08/2014	
SCALE 1:250 @ A3		PROJECT NO 4327 / 206	



Notes

REV	AMENDMENT NOTE	DATE	BY	CHKD
1	ISSUED FOR TENDER	01/08/2014	RL	ITR



Linden Homes
Barton Road, Havant
Swept Path Analysis
Fire Vehicle
Drawing 2 of 3

Clower House
Western Lane
Oxham
Hampshire, RG9 1TU
Tel: 01256 703355
Fax: 01256 704934
Email: info@bellamyroberts.co.uk

DATE: 01/08/2014
SCALE: 1:250 @ A3
DRAWING NO: 4327 / 206



REV AMENDMENT NOTE

AMENDMENT

DATE

BY

CHK

04/09/2014

RIL

ITR

1 250 @ A3

4327 / 206

-

COVER HOUSE

WILSON LANE

ODDSETT

HARTSHIRE, RIGBY 11TU

TEL: 01256 733305

FAX: 01256 734934

EMAIL: info@bellamyroberts.co.uk

Linden Homes

Bartons Road, Havant

Swept Path Analysis

Fire Vehicle

Drawing 3 of 3

RIL

ITR

04/09/2014

1 250 @ A3

4327 / 206

-

APPENDIX 7



APPENDIX 8

RailPlanner 6.13

Arrivals Haverst 06/09/14

Time	Direction
07:31 Express	Brighton 6:27 Brighton 6:27 - Hove 6:31 - Shoreham-by-Sea 6:37 - Worthing 6:43 - West Worthing 6:46 - Durrington-on-Sea 6:48 - Goring-by-Sea 6:50 - Arundel 6:54 - Barmham 7:00 - Chichester 7:13 - Southampton 7:17 - Southampton 7:20 - Exmouth 7:26 - Havant 7:31
07:34 Train	Litlington 6:58 Litlington 6:58 - Ford 7:04 - Barmham 7:10 - Chichester 7:17 - Farnham (Sumner) 7:20 - Nuffourne 7:26 - Southampton 7:27 - Exmouth 7:30 - Havant 7:34
07:36 Express	Portsmouth Harbour 7:20 Portsmouth Harbour 7:20 - Portsmouth and Southsea 7:24 - Fratton 7:28 - Havant 7:36
07:40 Train	Brighton 6:58 Brighton 6:58 - Hove 6:59 - Portsmouth 6:45 - Shoreham-by-Sea 6:48 - Lancing 6:53 - Worthing 6:55 - West Worthing 6:58 - Durrington-on-Sea 7:01 - Goring-by-Sea 7:03 - Arundel 7:07 - Ford 7:13 - Barmham 7:18 - Chichester 7:23 - Havant 7:40
07:46 Express	Southern Express 7:08 Southampton Central 7:08 - Woking 7:15 - Swanwick 7:24 - Farnham 7:31 - Portchester 7:38 - Cotham 7:40 - Havant 7:46
07:46 Express	Southern Express 7:08 Southampton Central 7:08 - Woking 7:15 - Swanwick 7:24 - Farnham 7:31 - Portchester 7:38 - Cotham 7:40 - Havant 7:46
07:50 Train	Portsmouth Harbour 7:29 Portsmouth Harbour 7:29 - Portsmouth and Southsea 7:34 - Fratton 7:38 - Havant 7:42 - Southampton 7:48 - Havant 7:50
07:51 Train	London Waterloo 6:28 London Waterloo 6:15 - Clapham Junction 6:22 - Woking 6:43 - Wokingham 6:48 - Guildford 6:53 - Farnham 7:01 - Gosport 7:04 - Milford (Sumner) 7:08 - Woking 7:12 - Havant 7:20 - Liphook 7:26 - Liss 7:31 - Petersfield 7:36 - Romsey 7:40 - Havant 7:51
07:56 Train	Litlington 7:18 Litlington 7:18 - Ford 7:22 - Barmham 7:27 - Chichester 7:35 - Farnham (Sumner) 7:38 - Barmham 7:41 - Southampton 7:44 - Southampton 7:47 - Exmouth 7:50 - Woking 7:53 - Havant 7:56
08:02 Express	Brighton 7:08 Brighton 7:08 - Hove 7:10 - Shoreham-by-Sea 7:16 - Worthing 7:22 - West Worthing 7:26 - Durrington-on-Sea 7:27 - Goring-by-Sea 7:30 - Arundel 7:34 - Barmham 7:41 - Chichester 7:52 - Havant 8:02
08:03 Express	Portsmouth Harbour 7:48 Portsmouth Harbour 7:48 - Portsmouth and Southsea 7:50 - Fratton 7:54 - Havant 8:03
08:13 Express	Southern Express 7:33 Southampton Central 7:33 - Swanwick 7:41 - Farnham 7:48 - Cotham 8:07 - Havant 8:13
08:19 Train	Portsmouth and Southsea 8:00 Portsmouth and Southsea 8:00 - Fratton 8:07 - Hove 8:11 - Southampton 8:16 - Havant 8:19
08:23 Train	Brighton 7:18 Brighton 7:18 - Hove 7:19 - Portsmouth 7:23 - Southampton 7:28 - Shoreham-by-Sea 7:29 - Lancing 7:32 - Worthing 7:36 - Ford 7:40 - Barmham 7:45 - Chichester 7:51 - Farnham (Sumner) 7:54 - Barmham 8:07 - Nuffourne 8:11 - Southampton 8:15 - Exmouth 8:18 - Havant 8:22
08:26 Train	London Waterloo 6:46 London Waterloo 6:46 - Clapham Junction 6:52 - Woking 7:13 - Wokingham 7:18 - Guildford 7:23 - Farnham 7:31 - Gosport 7:34 - Milford (Sumner) 7:38 - Woking 7:42 - Havant 7:50 - Liphook 7:56 - Liss 8:05 - Petersfield 8:11 - Romsey 8:15 - Havant 8:26
08:26 Express	Portsmouth Harbour 8:20 Portsmouth Harbour 8:20 - Portsmouth and Southsea 8:24 - Fratton 8:28 - Havant 8:36
08:36 Express	Portsmouth Harbour 8:30 Portsmouth Harbour 8:30 - Portsmouth and Southsea 8:34 - Fratton 8:38 - Havant 8:46

Printed Wednesday, August 06, 2014
 Travel Date: 06/09/14 - 06/09/14
 © Travel Information Systems Ltd. Travel subject to change

RailPlanner 6.13

Arrivals Haverst 06/09/14

Time	Direction
08:52 Express	Portsmouth Harbour 8:16 Portsmouth Harbour 8:16 - Portsmouth and Southsea 8:20 - Fratton 8:24 - Havant 8:32
08:58 Express	Brighton 7:30 Brighton 7:30 - Hove 7:34 - Portsmouth 7:37 - Southampton 7:40 - Shoreham-by-Sea 7:43 - Lancing 7:47 - Worthing 7:52 - West Worthing 7:54 - Durrington-on-Sea 7:56 - Goring-by-Sea 7:59 - Arundel 8:03 - Ford 8:08 - Barmham 8:14 - Chichester 8:22 - Southampton 8:26 - Exmouth 8:30 - Havant 8:36
08:58 Train	Portsmouth and Southsea 8:34 Portsmouth and Southsea 8:34 - Fratton 8:38 - Southampton 8:57 - Havant 8:59
08:58 Express	Brighton 7:37 Brighton 7:37 - Hove 7:41 - Portsmouth 7:44 - Southampton 7:47 - Shoreham-by-Sea 7:50 - Lancing 7:54 - Worthing 7:58 - West Worthing 8:01 - Durrington-on-Sea 8:03 - Goring-by-Sea 8:06 - Arundel 8:10 - Ford 8:17 - Barmham 8:22 - Chichester 8:30 - Southampton 8:34 - Exmouth 8:38 - Havant 8:44
08:58 Train	Portsmouth Harbour 8:29 Portsmouth Harbour 8:29 - Portsmouth and Southsea 8:33 - Fratton 8:37 - Havant 8:45
08:58 Express	London Waterloo 7:28 London Waterloo 7:20 - Woking 7:26 - Guildford 8:04 - Godalming 8:12 - Haslemere 8:28 - Petersfield 8:36 - Havant 8:48
08:58 Express	Southern Express 8:10 Southampton Central 8:10 - St Denys 8:18 - Swanwick 8:26 - Farnham 8:33 - Portchester 8:40 - Cotham 8:44 - Havant 8:50
08:58 Express	Southern Express 8:10 Southampton Central 8:10 - St Denys 8:18 - Swanwick 8:26 - Farnham 8:33 - Portchester 8:40 - Cotham 8:44 - Havant 8:50
08:58 Train	Brighton 8:03 Brighton 8:03 - Hove 8:07 - Shoreham-by-Sea 8:13 - Worthing 8:20 - West Worthing 8:23 - Durrington-on-Sea 8:24 - Goring-by-Sea 8:27 - Arundel 8:31 - Ford 8:37 - Barmham 8:43 - Chichester 8:50 - Havant 8:58
08:58 Express	Portsmouth Harbour 8:48 Portsmouth Harbour 8:48 - Portsmouth and Southsea 8:50 - Fratton 8:54 - Havant 9:02
08:58 Train	London Waterloo 7:16 London Waterloo 7:16 - Clapham Junction 7:23 - Woking 7:44 - Wokingham 7:49 - Guildford 7:56 - Farnham 8:02 - Godalming 8:08 - Milford (Sumner) 8:09 - Woking 8:13 - Haslemere 8:20 - Liphook 8:26 - Liss 8:31 - Petersfield 8:38 - Romsey 8:42 - Havant 8:54
08:58 Express	Southern Express 8:33 Southampton Central 8:33 - Swanwick 8:40 - Farnham 8:47 - Cotham 8:56 - Havant 9:11
08:58 Train	Portsmouth Harbour 8:51 Portsmouth Harbour 8:51 - Portsmouth and Southsea 8:55 - Fratton 8:59 - Hove 9:04 - Southampton 9:13 - Havant 9:16
08:58 Express	London Waterloo 8:36 London Waterloo 8:30 - Woking 8:36 - Guildford 8:39 - Haslemere 8:55 - Petersfield 9:03 - Havant 9:19
08:58 Express	London Waterloo 7:17 London Waterloo 7:17 - Clapham Junction 7:23 - East Croydon 7:34 - Reigate 7:47 - Epsom (Surrey) 7:50 - Sutton (Surrey) 7:53 - Hove 7:57 - Gillingham 8:01 - Three Bridges 8:06 - Crawley 8:08 - Basing 8:11 - Farnham 8:16 - Haslemere 8:19 - Farnham 8:23 - Chichester 8:29 - Barmham 8:32 - Liphook 8:39 - Arundel 8:46 - Havant 8:54 - Ford 8:58 - Barmham 9:00 - Chichester 9:08 - Southampton 9:16
08:58 Express	Portsmouth Harbour 9:13 Portsmouth Harbour 9:13 - Portsmouth and Southsea 9:16 - Fratton 9:20 - Havant 9:28
08:58 Express	Portsmouth Harbour 9:13 Portsmouth Harbour 9:13 - Portsmouth and Southsea 9:16 - Fratton 9:20 - Havant 9:28

Printed Wednesday, August 06, 2014
 Travel Date: 06/09/14 - 06/09/14
 © Travel Information Systems Ltd. Travel subject to change

RailPlanner 6.13

Arrivals haven't begun.

Time	Direction
08:30-09:30 Train	London Waterloo 7:48 London Waterloo 7:48 - Clapham Junction 7:52 - Woking 8:14 - Worplesdon 8:19 - Guildford 8:28 - Farncombe 8:33 - Gosington 8:36 - Mildford (Surrey) 8:39 - Witley 8:43 - Haslemere 8:48 - Liphook 8:52 - Liss 9:00 - Peterfield 8:18 - Romsey 8:24 - Havant 9:28
08:30-09:30 Train	Liphook 8:30 Liphook 8:30 - Havant 8:34 - Farn 8:38 - Bournemouth 8:54 - Chichester 9:12 - Fishbourne (Sussex) 9:18 - Bournemouth 9:19 - Milford 9:21 - Southampton 9:24 - Emsworth 9:27 - Wokingham 9:30 - Havant 9:35
09:30-10:30 Express	Portsmouth Harbour 8:48 Portsmouth Harbour 8:48 - Portsmouth and Southsea 9:20 - Fratton 9:24 - Havant 9:33
09:30-10:30 Express	Brighton 8:53 Brighton 8:53 - Hove 8:57 - Portladies 9:00 - Southwick 9:03 - Shoreham-by-Sea 9:08 - Lancing 9:30 - Worthing 9:35 - West Woking 9:37 - Durrington-on-Sea 9:59 - Goring-by-Sea 9:59 - Ayrton 9:06 - Bournemouth 9:17 - Chichester 9:25 - Southbourne 9:30 - Emsworth 9:36 - Havant 9:39
09:30-10:30 Train	Portsmouth Harbour 8:59 Portsmouth Harbour 8:59 - Portsmouth and Southsea 9:24 - Fratton 9:28 - Liss 9:32 - Southampton 9:37 - Havant 9:39
09:45-10:45 Train	Portsmouth Harbour 9:29 Portsmouth Harbour 9:29 - Portsmouth and Southsea 9:29 - Fratton 9:37 - Havant 9:45
09:45-10:45 Express	London Victoria 8:52 London Victoria 8:52 - Clapham Junction 9:08 - East Croydon 9:17 - Reigate 9:28 - Gatwick Airport 9:40 - Three Bridges 9:45 - Crawley 9:48 - Horsham 9:50 - Bournemouth 9:57 - Chichester 9:55 - Havant 9:55
09:45-10:45 Express	London Waterloo 9:30 London Waterloo 9:30 - Woking 9:58 - Guildford 9:57 - Haslemere 9:58 - Peterfield 9:58 - Havant 9:49
09:55-10:55 Express	Southampton Central 9:19 Southampton Central 9:19 - Southwick 9:28 - Fratton 9:37 - Portsmouth 9:42 - Cotham 9:48 - Havant 9:53
09:55-10:55 Express	Southampton Central 9:19 Southampton Central 9:19 - Southwick 9:28 - Fratton 9:37 - Portsmouth 9:42 - Cotham 9:48 - Havant 9:53
09:55-10:55 Express	Brighton 9:49 Brighton 9:49 - Hove 9:53 - Shoreham-by-Sea 9:13 - Worthing 9:23 - Bournemouth 9:37 - Chichester 9:46 - Havant 9:57
10:00-11:00 Express	Portsmouth Harbour 9:48 Portsmouth Harbour 9:48 - Portsmouth and Southsea 9:50 - Fratton 9:54 - Havant 10:03
10:07-11:07 Train	Brighton 9:53 Brighton 9:53 - Hove 9:58 - Portladies 9:11 - Southwick 9:14 - Shoreham-by-Sea 9:19 - Lancing 9:22 - Worthing 9:26 - Ayrton 9:34 - Bournemouth 9:46 - Chichester 9:53 - Southbourne 10:00 - Emsworth 10:06 - Havant 10:07
10:11-11:11 Express	Southampton Central 9:53 Southampton Central 9:53 - Southwick 9:50 - Fratton 9:58 - Cotham 10:05 - Havant 10:11
10:18-11:18 Train	Portsmouth and Southsea 9:59 Portsmouth and Southsea 9:59 - Fratton 10:04 - Liss 10:08 - Southampton 10:13 - Havant 10:18
10:18-11:18 Express	London Waterloo 9:59 London Waterloo 9:59 - Woking 9:28 - Guildford 9:34 - Haslemere 9:48 - Peterfield 10:00 - Havant 10:18
10:20-11:20 Express	London Victoria 9:22 London Victoria 9:22 - Clapham Junction 9:38 - East Croydon 9:48 - Reigate 9:58 - Gatwick Airport 9:51 - Three Bridges 9:58 - Crawley 9:59 - Horsham 9:59 - Bournemouth 9:58 - Chichester 10:06 - Southbourne 10:13 - Emsworth 10:18 - Havant 10:20
10:29-11:29 Train	London Waterloo 9:48 London Waterloo 9:48 - Clapham Junction 9:52 - Woking 9:13 - Worplesdon 9:18 - Guildford 9:25 - Farncombe 9:31 - Gosington 9:34 - Haslemere 9:39 - Liphook 10:00 - Liss 10:09 - Peterfield 10:11 - Romsey 10:18 - Havant 10:25
10:29-11:29 Express	Portsmouth Harbour 10:12 Portsmouth Harbour 10:12 - Portsmouth and Southsea 10:18 - Fratton 10:20 - Havant 10:29

Practical Microbiology, August 20, 2014
Transmittal Date: 10.08.2014. 91.24.2014
to Trade Information Systems Ltd. Thru subject to change

RadPlanner 8.13

Article Number: 0000000000000000

Time	Direction
18:20 Dagway	Portsmouth Harbour 18:13
18:20 Dagway	Portsmouth Harbour 18:12 - Portsmouth and Southsea 18:18 - Fareham 18:20 - Havant 18:28
18:21 Train	Liphigston 8:44
18:21 Train	Liphigston 8:44 - Ford 8:58 - Barmham 10:38 - Chichester 10:11 - Fishbourne (Buses) 10:14 - Bokerham 10:17 - Nutbourne 10:20 - Southbourne 10:23 - Emsworth 10:28 - Worthington 10:28 - Havant 10:31
18:23 Dagway	Portsmouth Harbour 18:18
18:23 Dagway	Portsmouth and Southsea 10:30 - Fareham 10:34 - Havant 10:38
18:27 Dagway	Brighton 8:28
18:27 Dagway	Station 8:35 - Hove 9:27 - Portside 9:40 - Southwick 9:43 - Shoreham-by-Sea 9:49 - Lancing 9:50 - Worthing 9:58 - West Worthing 9:57 - Durrington-on-Sea 9:59 - Goring-by-Sea 10:02 - Aigerming 10:08 - Ford 10:13 - Barmham 10:17 - Chichester 10:25 - Emsworth 10:28 - Havant 10:27
18:28 Dagway	Portsmouth and Southsea 18:24
18:28 Dagway	Portsmouth and Southsea 10:24 - Fareham 10:28 - Hase 10:30 - Badhangton 10:37 - Havant 10:38
18:45 Train	Portsmouth Harbour 18:29
18:45 Train	Portsmouth and Southsea 10:23 - Fareham 10:27 - Havant 10:46
18:48 Dagway	London Victoria 8:02
18:48 Dagway	Lancaster Victoria 8:02 - Caphers Junction 8:08 - East Croydon 8:19 - Rush 8:20 - Hovey 8:28 - Galskelt Airport 8:40 - Three Bridges 8:46 - Crawley 8:48 - Horsham 10:00 - Barmham 10:27 - Chichester 10:30 - Havant 10:46
18:48 Dagway	London Victoria 8:28
18:48 Dagway	London Victoria 8:28 - Worthing 8:55 - Gillingford 10:04 - Haslemere 10:23 - Petersfield 10:34 - Havant 10:48
18:55 Dagway	Southampton Central 18:13
18:55 Dagway	Southampton Central 10:13 - Southwick 10:23 - Fareham 10:28 - Portsmouth 10:44 - Southsea 10:48 - Havant 10:55
18:55 Dagway	Southampton Central 18:13
18:55 Dagway	Southampton Central 10:13 - Southwick 10:23 - Fareham 10:28 - Portsmouth 10:44 - Southsea 10:48 - Havant 10:55
11:50 Dagway	Portsmouth Harbour 10:48
11:50 Dagway	Portsmouth and Southsea 10:50 - Fareham 10:54 - Havant 11:08
11:54 Train	Brighton 11:53
11:54 Train	Station 10:58 - Hove 10:57 - Portside 10:10 - Southwick 10:19 - Shoreham-by-Sea 10:16 - Lancing 10:20 - Worthing 10:28 - Aigerming 10:21 - Barmham 10:42 - Chichester 10:50 - Southbourne 10:57 - Emsworth 11:00 - Havant 11:04
11:11 Dagway	Southampton Central 18:53
11:11 Dagway	Southampton Central 10:53 - Southwick 10:58 - Fareham 10:57 - Southsea 11:08 - Havant 11:11
11:11 Train	Portsmouth and Southsea 10:58
11:11 Train	Portsmouth and Southsea 10:57 - Fareham 11:04 - Hase 11:08 - Badhangton 11:13 - Havant 11:18
11:13 Dagway	London Victoria 9:48
11:13 Dagway	London Victoria 10:00 - Worthing 10:26 - Gillingford 10:34 - Haslemere 10:48 - Petersfield 11:00 - Havant 11:10
11:13 Dagway	London Victoria 8:32
11:13 Dagway	London Victoria 8:32 - Caphers Junction 8:38 - East Croydon 8:48 - Rush 10:00 - Galskelt Airport 10:08 - Three Bridges 10:14 - Crawley 10:18 - Horsham 10:30 - Barmham 10:37 - Chichester 11:08 - Southbourne 11:12 - Emsworth 11:18 - Havant 11:18
11:28 Train	London Victoria 8:48
11:28 Train	London Victoria 9:48 - Caphers Junction 9:52 - Worthing 10:13 - Worthington 10:18 - Gillingford 10:28 - Portsmouth 10:31 - Galskelt Airport 10:34 - Haslemere 10:34 - Liphigston 11:00 - Lure 11:08 - Petersfield 11:11 - Portside Cante 11:21 - Havant 11:28
11:28 Dagway	Portsmouth Harbour 11:13
11:28 Dagway	Portsmouth and Southsea 11:16 - Fareham 11:20 - Havant 11:28
11:28 Dagway	Portsmouth Harbour 11:13
11:28 Dagway	Portsmouth and Southsea 11:16 - Fareham 11:20 - Havant 11:28

Purchased Wednesday, August 28, 2014
Transaction Code: 02 01 0214- 31 08 2014
© Trans Information Systems Ltd. Trans subject to change

RailPlanner 6.13

PLACING PERSONS IN CHARGE

Time	Direction
16:26 Express	London Waterloo 15:46 London Victoria 15:45 - Clapham Junction 15:52 - Woking 16:13 - Worplesdon 16:18 - Guildford 16:25 - Farncombe 16:31 - Godalming 16:34 - Haslemere 16:56 - Liphook 18:00 - Liss 18:09 - Petersfield 18:11 - Romsey 18:21 - Havant 18:23
16:29 Express	Portsmouth Harbour 16:12 Portsmouth Harbour 16:12 - Portsmouth and Southsea 18:16 - Fratton 18:20 - Havant 18:26
16:29 Express	Portsmouth Harbour 16:12 Portsmouth Harbour 16:12 - Portsmouth and Southsea 18:16 - Fratton 18:20 - Havant 18:26
16:31 Train	Littlington 16:34 Littlington 16:34 - Ford 16:48 - Barnham 18:03 - Chichester 18:11 - Farnham (Buses) 18:14 - Basing 18:17 - Aldbourne 18:20 - Southampton 18:23 - Emsworth 18:28 - Westleigh 18:29 - Havant 18:31
16:33 Express	Portsmouth Harbour 16:16 Portsmouth Harbour 16:16 - Portsmouth and Southsea 18:20 - Fratton 18:24 - Havant 18:29
16:37 Express	Brighton 16:33 Brighton 16:33 - Hove 16:37 - Pettsville 16:40 - Southwick 16:43 - Shoreham-by-Sea 16:48 - Lancing 16:50 - Worthing 16:53 - West Worthing 16:57 - Durrigton-on-Sea 16:59 - Goring-by-Sea 17:02 - Angmering 18:06 - Ford 18:13 - Barnham 18:17 - Chichester 18:26 - Emsworth 18:28 - Havant 18:27
16:39 Train	Portsmouth and Southsea 18:24 Portsmouth and Southsea 18:24 - Fratton 18:28 - Liss 18:32 - Basingstoke 18:37 - Havant 18:39
16:46 Express	London Victoria 16:03 London Victoria 16:02 - Clapham Junction 16:08 - East Croydon 16:16 - Reigate 16:20 - Haslemere 16:26 - Basingstoke 16:28 - Three Bridges 16:44 - Doreley 16:48 - Havant 16:50 - Barnham 16:57 - Chichester 18:06 - Havant 18:08
16:46 Express	Portsmouth Harbour 16:29 Portsmouth Harbour 16:29 - Portsmouth and Southsea 18:33 - Fratton 18:37 - Havant 18:43
16:49 Express	London Waterloo 16:30 London Waterloo 16:30 - Woking 16:56 - Guildford 18:04 - Haslemere 18:21 - Petersfield 18:32 - Havant 18:46
16:57 Express	Basingstoke 16:15 Basingstoke 16:15 - Basingstoke 16:33 - Farnham 16:40 - Portsmouth 16:46 - Cosham 16:49 - Havant 16:57
16:57 Express	Basingstoke 16:15 Basingstoke 16:15 - Basingstoke 16:33 - Farnham 16:40 - Portsmouth 16:46 - Cosham 16:49 - Havant 16:57
16:59 Train	Littlington 16:29 Littlington 16:29 - Ford 16:43 - Barnham 18:03 - Chichester 18:11 - Farnham (Buses) 18:14 - Basing 18:17 - Aldbourne 18:20 - Southampton 18:23 - Emsworth 18:28 - Westleigh 18:29 - Havant 18:31
16:53 Train	Portsmouth Harbour 16:46 Portsmouth Harbour 16:46 - Portsmouth and Southsea 18:50 - Fratton 18:54 - Havant 18:59
16:59 Train	Brighton 16:53 Brighton 16:53 - Hove 16:57 - Pettsville 17:00 - Southwick 17:03 - Shoreham-by-Sea 17:08 - Lancing 17:10 - Worthing 17:13 - West Worthing 17:17 - Durrigton-on-Sea 17:19 - Goring-by-Sea 17:23 - Angmering 17:26 - Ford 17:33 - Barnham 17:37 - Chichester 17:56 - Southampton 18:00 - Emsworth 18:03 - Havant 18:06
16:59 Express	Southampton 16:33 Southampton 16:33 - Southampton 16:50 - Basingstoke 16:56 - Farnham 17:03 - Cosham 17:06 - Havant 17:11
16:59 Train	Portsmouth and Southsea 18:36 Portsmouth and Southsea 18:36 - Fratton 18:40 - Basingstoke 18:46 - Havant 18:51

Printed March 2014, August 2014
 Translated Date 20.08.2014 - 11.08.2014
 by Trans Information Systems Ltd. Trans subject to change

RailPlanner 8.13

Productive Investment Climate

Time	Direction
18:18 Express	London Waterloo 18:00, Woking 18:25, Guildford 18:34, Haslemere 18:48, Peasmarsh 18:50, Havant 18:15
18:19 Express	London Victoria 18:02, Clapham Junction 18:08, East Croydon 18:14, Rushmore 18:20, Guildford Airport 18:30, Three Bridges 18:14, Crawley 18:19, Horsham 18:30, Barnham 18:37, Chichester 18:05, Southbourne 18:12, Emsworth 18:15, Havant 18:19
18:28 Train	London Waterloo 18:03, Clapham Junction 18:02, Woking 18:15, Worplesdon 18:18, Guildford 18:25, Farnham 18:31, Godalming 18:34, Haslemere 18:39, Liphook 18:50, Liss 18:39, Peasmarsh 18:11, Romsey 18:21, Havant 18:28
18:28 Express	Portsmouth Harbour 18:13, Portsmouth and Southsea 18:16, Fratton 18:20, Havant 18:28
18:29 Express	Portsmouth Harbour 18:13, Portsmouth and Southsea 18:16, Fratton 18:20, Havant 18:28
18:32 Train	Liphook 18:39, Liphook 18:39, Fratton 18:04, Chichester 18:12, Farnham (Buses) 18:15, Southampton 18:21, Southbourne 18:24, Emsworth 18:27, Wokingham 18:30, Havant 18:32
18:33 Express	Portsmouth Harbour 18:19, Portsmouth and Southsea 18:20, Fratton 18:24, Havant 18:28
18:38 Express	Brighton 18:33, Brighton 18:30, Hove 18:37, Portsmouth 18:40, Southwick 18:43, Bournemouth 18:46, Liphook 18:50, Woking 18:53, West Woking 18:57, Dorking on Bus 18:58, Dorking by Bus 18:02, Apsley 18:00, Ford 18:13, Barnham 18:18, Chichester 18:28, Emsworth 18:34, Havant 18:38
18:39 Train	Portsmouth and Southsea 18:34, Fratton 18:38, Fratton 18:38, Southampton 18:37, Havant 18:39
18:40 Express	London Victoria 18:30, Clapham Junction 18:00, East Croydon 18:15, Rushmore 18:20, Hove 18:26, Guildford Airport 18:30, Three Bridges 18:44, Crawley 18:48, Horsham 18:50, Barnham 18:57, Chichester 18:28, Havant 18:45
18:45 Train	Portsmouth Harbour 18:39, Portsmouth and Southsea 18:40, Fratton 18:45, Havant 18:48
18:48 Express	London Waterloo 18:38, Woking 18:39, Guildford 18:54, Haslemere 18:54, Peasmarsh 18:39, Havant 18:48
18:51 Express	Southampton Central 18:13, Southampton Central 18:12, Southwick 18:29, Fratton 18:39, Portsmouth 18:41, Fratton 18:48, Havant 18:51
18:51 Express	Southampton Central 18:13, Southampton Central 18:12, Southwick 18:29, Portsmouth 18:41, Fratton 18:48, Havant 18:51
18:58 Express	Farnham 18:44, Farnham 18:44, Havant 18:50
18:59 Train	Liphook 18:22, Liphook 18:22, Farnham 18:28, Barnham 18:31, Chichester 18:36, Farnham (Buses) 18:42, Southampton 18:46, Southbourne 18:49, Emsworth 18:54, Wokingham 18:57, Havant 18:58
18:59 Train	Portsmouth Harbour 18:46, Portsmouth and Southsea 18:49, Fratton 18:50, Hove 18:54, Havant 18:59
18:59 Express	Portsmouth Harbour 18:48, Portsmouth and Southsea 18:50, Fratton 18:54, Havant 18:59

Published Wednesday, August 28, 2014
 Expiration Date: 03 Oct 2014, 04:00:00
 All IP addresses belong to the same organization. These are subject to change.

RailPlanner 6.13

Artworks Hewlett 06/09/14

Time	Direction
17:40 Train	London Waterloo 16:16 London Waterloo 16:16 - Clapham Junction 16:22 - Woking 16:40 - Wokingham 16:46 - Guildford 16:58 - Farnham 17:04 - Godalming 17:04 - Mole Valley 17:08 - Mole Valley 17:12 - Haslemere 18:28 - Liphook 18:34 - Line 18:40 - Portsmouth 18:46 - Portsmouth 18:56 - Havant 17:03
17:40 Train	Brighton 16:30 Brighton 16:30 - Hove 16:37 - Portslade 16:40 - Southwick 16:43 - Shoreham-by-Sea 16:48 - Lancing 16:52 - Worthing 16:58 - West Worthing 16:57 - Durrington-on-Sea 16:59 - Goring-by-Sea 17:03 - Arundel 17:08 - Havant 17:08 Farnham 16:42 - Bournemouth 16:47 - Chichester 16:56 - Southbourne 17:02 - Ermsworth 17:08 - Havant 17:08
17:11 Express	Southampton 16:33 Southampton 16:33 - Southampton 16:36 - Farnham 16:57 - Portsmouth 17:06 - Havant 17:11
17:18 Express	London Waterloo 16:30 London Waterloo 16:30 - Woking 16:36 - Guildford 16:44 - Haslemere 16:51 - Portsmouth 17:02 - Havant 17:15
17:17 Train	Portsmouth and Southsea 17:10 Portsmouth and Southsea 17:10 - Farnham 17:14 - Portsmouth 17:14 - Havant 17:17
17:19 Express	London Victoria 16:32 London Victoria 16:32 - Clapham Junction 16:38 - East Croydon 16:48 - Redhill 16:50 - Guildford Airport 16:58 - Three Bridges 16:54 - Crawley 16:59 - Horsham 16:59 - Bournemouth 16:57 - Chichester 17:05 - Southbourne 17:12 - Ermsworth 17:15 - Havant 17:19
17:20 Train	London Waterloo 16:46 London Waterloo 16:46 - Clapham Junction 16:52 - Woking 16:58 - Guildford 16:59 - Farnham 16:58 - Godalming 16:51 - Mole Valley 16:56 - Mole Valley 16:59 - Haslemere 16:59 - Liphook 17:03 - Line 17:08 - Portsmouth 17:12 - Portsmouth 17:12 - Havant 17:28
17:20 Express	Portsmouth Harbour 17:12 Portsmouth Harbour 17:12 - Portsmouth and Southsea 17:16 - Farnham 17:20 - Havant 17:20
17:20 Express	Portsmouth Harbour 17:13 Portsmouth Harbour 17:13 - Portsmouth and Southsea 17:16 - Farnham 17:20 - Havant 17:20
17:21 Train	Liphook 16:54 Liphook 16:54 - Farnham 17:03 - Chichester 17:11 - Farnham 17:11 - Portsmouth 17:14 - Bournemouth 17:17 - Portsmouth 17:20 - Southbourne 17:23 - Ermsworth 17:26 - Wokingham 17:29 - Havant 17:31
17:30 Express	Portsmouth Harbour 17:16 Portsmouth Harbour 17:16 - Portsmouth and Southsea 17:20 - Farnham 17:24 - Havant 17:33
17:37 Express	Brighton 16:33 Brighton 16:33 - Hove 16:37 - Portslade 16:40 - Southwick 16:43 - Shoreham-by-Sea 16:48 - Lancing 16:50 - Worthing 16:58 - West Worthing 16:57 - Durrington-on-Sea 16:59 - Goring-by-Sea 17:03 - Arundel 17:08 - Farnham 17:12 - Bournemouth 17:17 - Chichester 17:26 - Ermsworth 17:29 - Havant 17:37
17:30 Train	Portsmouth Harbour 17:19 Portsmouth Harbour 17:19 - Portsmouth and Southsea 17:24 - Farnham 17:28 - Havant 17:32 - Southampton 17:37 - Havant 17:39
17:40 Train	Portsmouth Harbour 17:20 Portsmouth Harbour 17:20 - Portsmouth and Southsea 17:23 - Farnham 17:27 - Havant 17:45
17:40 Express	London Waterloo 16:30 London Waterloo 16:30 - Woking 16:36 - Guildford 16:44 - Haslemere 17:04 - Portsmouth 17:06 - Havant 17:49
17:43 Express	London Victoria 16:30 London Victoria 16:30 - Clapham Junction 16:36 - East Croydon 16:46 - Redhill 16:50 - Guildford Airport 16:58 - Three Bridges 16:54 - Crawley 16:59 - Horsham 16:59 - Bournemouth 16:57 - Chichester 17:05 - Farnham 17:12 - Ermsworth 17:15 - Havant 17:53
17:46 Express	Southampton 16:33 Southampton 16:33 - Southampton 16:36 - Farnham 16:57 - Portsmouth 17:06 - Havant 17:46

Published Wednesday, August 16, 2014
Travel Date: 16.08.2014, 17.08.2014
© 2014 Travel Information Systems Ltd. All rights reserved.

RailPlanner 6.13

Artworks Hewlett 06/09/14

Time	Direction
17:46 Express	Southampton 16:33 Southampton 16:33 - Southampton 16:36 - Farnham 16:57 - Portsmouth 17:06 - Havant 17:46
17:57 Express	Brighton 16:30 Brighton 16:30 - Hove 17:03 - Portslade 17:06 - Southwick 17:09 - Shoreham-by-Sea 17:14 - Lancing 17:21 - Worthing 17:29 - West Worthing 17:28 - Durrington-on-Sea 17:31 - Goring-by-Sea 17:35 - Arundel 17:37 - Farnham 17:46 - Chichester 17:56 - Southbourne 18:04 - Ermsworth 18:07 - Havant 18:10
17:58 Train	Portsmouth and Southsea 17:48 Portsmouth and Southsea 17:48 - Farnham 17:52 - Portsmouth 18:01 - Havant 17:58
18:03 Express	Portsmouth Harbour 17:48 Portsmouth Harbour 17:48 - Portsmouth and Southsea 17:50 - Farnham 17:54 - Havant 18:03
18:03 Train	London Waterloo 16:30 London Waterloo 16:30 - Woking 16:36 - Guildford 16:44 - Haslemere 16:51 - Portsmouth 17:02 - Havant 18:03 Farnham 17:04 - Godalming 17:04 - Mole Valley 17:08 - Mole Valley 17:12 - Haslemere 17:28 - Liphook 17:34 - Line 17:40 - Portsmouth 17:46 - Portsmouth 17:56 - Havant 18:03
18:11 Express	Southampton 16:33 Southampton 16:33 - Southampton 16:36 - Farnham 16:57 - Portsmouth 17:06 - Havant 18:11
18:13 Train	Brighton 17:30 Brighton 17:30 - Hove 17:37 - Portslade 17:40 - Southwick 17:43 - Shoreham-by-Sea 17:48 - Lancing 17:51 - Worthing 17:59 - West Worthing 17:58 - Durrington-on-Sea 17:51 - Goring-by-Sea 17:55 - Arundel 17:57 - Farnham 17:56 - Chichester 17:56 - Southbourne 18:04 - Ermsworth 18:07 - Havant 18:10
18:18 Express	Portsmouth and Southsea 17:48 Portsmouth and Southsea 17:48 - Farnham 18:04 - Portsmouth 18:13 - Havant 18:18
18:18 Train	London Waterloo 17:30 London Waterloo 17:30 - Woking 17:36 - Wokingham 17:39 - Guildford 17:37 - Haslemere 17:39 - Portsmouth 18:06 - Havant 18:18
18:28 Express	London Victoria 16:30 London Victoria 16:30 - Clapham Junction 16:36 - East Croydon 16:46 - Redhill 16:50 - Guildford Airport 16:58 - Three Bridges 16:54 - Crawley 17:03 - Horsham 17:30 - Bournemouth 17:37 - Chichester 18:08 - Bournemouth 18:14 - Ermsworth 18:17 - Havant 18:23
18:28 Train	London Waterloo 16:46 London Waterloo 16:46 - Clapham Junction 16:52 - Woking 17:13 - Guildford 17:22 - Farnham 17:28 - Godalming 17:21 - Mole Valley 17:26 - Mole Valley 17:29 - Haslemere 17:29 - Liphook 18:03 - Line 18:08 - Portsmouth 18:14 - Portsmouth 18:24 - Havant 18:29
18:33 Train	Liphook 17:34 Liphook 17:34 - Farnham 18:04 - Chichester 18:12 - Farnham 18:12 - Portsmouth 18:15 - Bournemouth 18:21 - Southbourne 18:24 - Ermsworth 18:27 - Wokingham 18:30 - Havant 18:33
18:33 Express	Portsmouth Harbour 18:18 Portsmouth Harbour 18:18 - Portsmouth and Southsea 18:20 - Farnham 18:24 - Havant 18:33
18:37 Express	Brighton 17:33 Brighton 17:33 - Hove 17:37 - Portslade 17:40 - Southwick 17:43 - Shoreham-by-Sea 17:48 - Lancing 17:50 - Worthing 17:58 - West Worthing 17:57 - Durrington-on-Sea 17:59 - Goring-by-Sea 18:03 - Arundel 18:08 - Farnham 18:17 - Chichester 18:26 - Ermsworth 18:29 - Havant 18:37
18:38 Train	Portsmouth and Southsea 18:34 Portsmouth and Southsea 18:34 - Farnham 18:38 - Portsmouth 18:47 - Havant 18:38
18:43 Train	Portsmouth Harbour 18:37 Portsmouth Harbour 18:37 - Portsmouth and Southsea 18:39 - Farnham 18:43 - Havant 18:43
18:58 Express	Southampton 16:33 Southampton 16:33 - Southampton 16:36 - Farnham 16:57 - Portsmouth 17:06 - Havant 18:58

Published Wednesday, August 16, 2014
Travel Date: 16.08.2014, 17.08.2014
© 2014 Travel Information Systems Ltd. All rights reserved.

RailPlanner 6.13

Articles have not been indexed

Time	Direction
20:30 Buses	Southampton Central 20:11 - Swanwick 20:28 - Fareham 20:36 - Portsmouth 20:40 - Cosham 20:44 - Havant 20:50
20:32 Buses	London Victoria 18:02 London Victoria 18:22 - Clapham Junction 19:08 - East Croydon 19:18 - Rushall 19:31 - Hailley 19:37 - Galskeld Airport 19:41 - Three Bridges 19:48 - Conisley 19:49 - Hornham 20:01 - Barnham 20:28 - Chichester 20:38 - Southdown Line 20:45 - Havant 20:52
20:36 Tram	Portsmouth Harbour 20:46 Portsmouth Harbour 20:40 - Portsmouth and Southsea 20:44 - Fratton 20:49 - Havant 20:56
21:10 Tram	London Waterloo 19:16 London Waterloo 19:19 - Clapham Junction 19:22 - Woking 19:45 - Guildford 19:54 - Farncombe 20:00 - Godalming 20:05 - Molesey (Barnes) 20:07 - Valley 20:11 - Haslemere 20:26 - Upstock 20:31 - Liss 20:37 - Petersfield 20:40 - Rowlands Castle 20:52 - Havant 21:00
21:42 Buses	Portsmouth Harbour 20:46 Portsmouth Harbour 20:45 - Portsmouth and Southsea 20:50 - Fratton 20:54 - Havant 21:02
21:46 Tram	Brighton 20:39 Brighton 20:09 - Hove 20:07 - Aldringham 20:09 - Portslade 20:11 - Falmergate 20:19 - Southeick 20:15 - Stanbury-by-Sea 20:19 - Lancing 20:23 - East Worthing 20:28 - Worthing 20:29 - West Worthing 20:31 - Durrington-on-Sea 20:33 - Goring-by-Sea 20:36 - Angmering 20:40 - Ford 20:49 - Barnham 20:51 - Chichester 20:58 - Havant 21:09
21:12 Buses	Southampton Central 20:30 Southampton Central 20:26 - Swanwick 20:40 - Fareham 20:57 - Cosham 21:03 - Havant 21:12
21:18 Buses	London Waterloo 20:40 London Waterloo 20:00 - Woking 20:25 - Guildford 20:34 - Farncombe 20:40 - Godalming 20:49 - Haslemere 20:56 - Petersfield 21:06 - Havant 21:18
21:38 Buses	London Victoria 18:38 London Victoria 18:22 - Clapham Junction 19:38 - East Croydon 19:48 - Rushall 20:00 - Galskeld Airport 20:08 - Three Bridges 20:14 - Conisley 20:18 - Hornham 20:20 - Barnham 20:37 - Chichester 21:08 - Farncombe (Bassett) 21:08 - Cosham 21:11 - Nuthurst 21:14 - Southbourne 21:17 - Eritham 21:30 - Warrington 21:35 - Havant 21:38
21:28 Tram	London Waterloo 19:48 London Waterloo 19:45 - Clapham Junction 19:52 - Woking 20:13 - Worplesdon 20:18 - Guildford 20:28 - Farncombe 20:31 - Godalming 20:34 - Molesey (Barnes) 20:36 - Valley 20:42 - Haslemere 20:56 - Upstock 21:00 - Liss 21:09 - Petersfield 21:19 - Rowlands Castle 21:24 - Havant 21:29
21:30 Tram	Portsmouth and Southsea 21:18 Portsmouth and Southsea 21:16 - Fratton 21:18 - Hove 21:20 - Southampton 21:28 - Havant 21:30
21:36 Buses	Brighton 20:30 Brighton 20:30 - Hove 20:34 - Aldringham 20:36 - Portslade 20:38 - Falmergate 20:40 - Southeick 20:43 - Stanbury-by-Sea 20:46 - Lancing 20:50 - East Worthing 20:55 - Worthing 20:56 - West Worthing 20:58 - Durrington-on-Sea 21:00 - Goring-by-Sea 21:03 - Angmering 21:07 - Ford 21:19 - Barnham 21:18 - Chichester 21:28 - Havant 21:36
21:38 Tram	Portsmouth Harbour 21:19 Portsmouth Harbour 21:18 - Portsmouth and Southsea 21:24 - Fratton 21:26 - Hove 21:28 - Southampton 21:37 - Havant 21:39
21:46 Buses	London Waterloo 20:30 London Waterloo 20:30 - Woking 20:56 - Guildford 21:04 - Godalming 21:11 - Haslemere 21:22 - Petersfield 21:28 - Havant 21:45
21:48 Buses	London Victoria 20:02 London Victoria 20:02 - Clapham Junction 20:08 - East Croydon 20:18 - Rushall 20:31 - Galskeld Airport 20:36 - Three Bridges 20:44 - Conisley 20:48 - Hornham 21:00 - Barnham 21:27 - Chichester 21:36 - Southbourne 21:43 - Eritham 21:45 - Havant 21:49
21:52 Tram	Portsmouth Harbour 21:28 Portsmouth Harbour 21:26 - Portsmouth and Southsea 21:33 - Fratton 21:37 - Hove 21:41 - Southampton 21:47 - Havant 21:52

Printed Wednesday, August 05, 2014
Transaction Date 01.08.2014 -- 01.08.2014
© Travel Information Systems Ltd. All rights reserved.

RailPlanner 8.13

A further important element of the...

Time	Location
21:53 Train	Southampton Central 21:13, Bournemouth 21:33, Fareham 21:40, Portsmouth 21:45, Colchester 21:49, Havert 21:56
21:59 Train	Portsmouth Harbour 21:40, Portsmouth and Southsea 21:44, Fratton 21:48, Haze 21:52, Southampton 21:57, Havert 21:56
22:00 Train	Brighton 21:03 Hove 21:07, Aldington 21:08, Portsmouth 21:11, Falmouth 21:13, Southampton 21:16, Shoreham-by-Sea 21:19, Lancing 21:20, East Worthing 21:20, Worthing 21:20, West Worthing 21:21, Durrington-on-Sea 21:23, Goring-by-Sea 21:26, Ayrton 21:28, Ford 21:30, Havert 21:31
22:13 Express	Southampton Central 21:43 Southampton 21:51, Fareham 21:58, Portsmouth 22:00, Colchester 22:07, Havert 22:13
22:18 Express	London Waterloo 21:58 London Waterloo 21:50, Woking 21:56, Guildford 21:59, Farnborough 21:59, Godalming 21:59, Havert 22:06, Portsmouth 22:08, Havert 22:13
22:26 Express	London Victoria 20:52 London Victoria 20:52, Chichester 20:58, East Croydon 20:58, Farnham 21:00, Guildford 21:03, Three Bridges 21:14, Crawley 21:18, Horsham 21:20, Bournemouth 21:27, Chichester 22:00, Falmouth (Basset) 22:00, Bournemouth 22:11, Netley 22:14, Southampton 22:17, Havert 22:20, Wokingham 22:25, Havert 22:25
22:29 Train	London Waterloo 20:43 London Waterloo 20:46, Chichester 20:52, Woking 21:13, Wokingham 21:18, Guildford 21:26, Farnham 21:31, Godalming 21:34, Milford (Basset) 21:38, Vauxhall 21:42, Havert 21:59, Liphook 22:03, Liss 22:08, Portsmouth 22:13, Portsmouth 22:16, Havert 22:20
22:34 Train	Portsmouth Harbour 22:18 Portsmouth Harbour 22:13, Portsmouth and Southsea 22:16, Fratton 22:20, Haze 22:27, Southampton 22:32, Havert 22:34
22:39 Train	Portsmouth Harbour 22:19 Portsmouth Harbour 22:19, Portsmouth and Southsea 22:24, Fratton 22:28, Haze 22:32, Southampton 22:37, Havert 22:36
22:43 Express	Brighton 21:53 Brighton 21:56, Hove 21:57, Aldington 21:58, Portsmouth 21:51, Falmouth 21:53, Southampton 21:56, Shoreham-by-Sea 21:59, Lancing 21:59, East Worthing 21:59, Worthing 21:59, West Worthing 22:01, Durrington-on-Sea 22:03, Goring-by-Sea 22:06, Ayrton 22:10, Ford 22:16, Havert 22:21, Chichester 22:26, Southampton 22:28, Havert 22:30, Havert 22:43
22:48 Express	London Waterloo 21:58 London Waterloo 21:50, Woking 21:56, Guildford 22:04, Farnborough 22:10, Godalming 22:13, Havert 22:26, Portsmouth 22:28, Havert 22:36
22:53 Train	Portsmouth Harbour 22:38 Portsmouth Harbour 22:28, Portsmouth and Southsea 22:33, Fratton 22:37, Haze 22:41, Southampton 22:46, Havert 22:53
22:58 Express	Southampton Central 21:13 Southampton 22:13, Bournemouth 22:17, Portsmouth 22:20, Colchester 22:27, Havert 22:30, Havert 22:36
23:06 Train	Portsmouth Harbour 22:44 Portsmouth and Southsea 22:48, Fratton 22:52, Havert 22:56, Southampton 23:01, Havert 23:06
23:11 Train	Brighton 23:08 Brighton 23:09, Hove 23:07, Aldington 23:09, Portsmouth 23:11, Falmouth 23:13, Southampton 23:16, Shoreham-by-Sea 23:19, Lancing 23:20, East Worthing 23:20, Worthing 23:20, West Worthing 23:21, Durrington-on-Sea 23:23, Goring-by-Sea 23:26, Ayrton 23:28, Ford 23:30, Havert 23:31, Chichester 23:36, Havert 23:41

Received Wednesday, August 08, 2014
 Transcode Date: 03.08.2014 - 31.08.2014
 © Travel Information Systems Ltd. Terms subject to change

RailPlanner 6.13

Arrivals Haverst 06/09/14

Time	Direction
22:11 Express	Southernline Cardiff 22:33 Southampton Central 22:35 - Swansea 22:50 - Farnham 22:57 - Coatham 23:05 - Haverst 23:11
23:19 Express	London Waterloo 22:00 - Woking 22:28 - Guildford 22:34 - Farncombe 22:40 - Godalming 22:49 - Haslemere 22:56 - Petersfield 23:06 - Haverst 23:18
23:29 Train	London Waterloo 21:49 - Clapham Junction 21:52 - Woking 22:13 - Worplesdon 22:18 - Guildford 22:25 - Farncombe 22:31 - Godalming 22:34 - Milford (Barry) 22:38 - Woking 22:43 - Haslemere 22:56 - Liphook 23:03 - Liss 23:08 - Petersfield 23:15 - Rowlands Castle 23:24 - Haverst 23:29
23:34 Train	London Victoria 21:02 London Victoria 21:02 - Clapham Junction 21:06 - East Croydon 21:48 - Reading 22:00 - Guelick Airport 22:08 - Three Bridges 22:14 - Crawley 22:18 - Horsham 22:27 - Chichester 22:30 - Brighton 22:36 - Portsmouth 22:43 - Arundel 22:46 - Arundel 22:54 - Ford 23:00 - Barnham 23:06 - Chichester 23:13 - Farncombe (Sussex) 23:18 - Bournemouth 23:22 - Southbourne 23:26 - Emsworth 23:28 - Worthing 23:31 - Haverst 23:34
23:36 Train	Portsmouth Harbour 23:19 Portsmouth Harbour 23:19 - Portsmouth and Southsea 23:19 - Fratton 23:29 - Hasea 23:27 - Southampton 23:36 - Haverst 23:39
23:39 Train	Portsmouth Harbour 23:19 Portsmouth Harbour 23:19 - Portsmouth and Southsea 23:24 - Fratton 23:29 - Hasea 23:33 - Southampton 23:37 - Haverst 23:39
23:48 Express	London Waterloo 22:30 London Waterloo 22:30 - Woking 22:59 - Guildford 23:04 - Farncombe 23:10 - Godalming 23:15 - Haslemere 23:28 - Petersfield 23:36 - Haverst 23:48
23:53 Train	Southernline Cardiff 23:13 Southampton Central 23:12 - St Denys 23:22 - Farnham 23:39 - Coatham 23:46 - Haverst 23:53

RailPlanner 6.13

Departures Haverst 06/09/14

Time	Direction
04:21 Train	Portsmouth and Southsea 03:37 Haverst 03:41 - Southampton 03:44 - Hasea 03:58 - Fratton 03:58 - Portsmouth and Southsea 03:57
04:24 Train	Portsmouth Harbour 03:44 Haverst 03:58 - Fratton 03:58 - Portsmouth and Southsea 03:51 - Portsmouth Harbour 03:54
04:21 Train	Portsmouth and Southsea 03:57 Haverst 03:51 - Southampton - Hasea - Fratton - Portsmouth and Southsea 03:57
04:48 Train	Portsmouth Harbour 03:59 Haverst 04:03 - Southampton 04:03 - Hasea 04:18 - Fratton 04:22 - Portsmouth and Southsea 04:30 - Portsmouth Harbour 04:39
04:51 Train	London Waterloo 03:29 Haverst 03:34 - Rowlands Castle 03:57 - Petersfield 03:58 - Liss 04:13 - Liphook 03:20 - Haslemere 03:28 - Woking 03:33 - Milford (Barry) 03:38 - Godalming 03:40 - Farncombe 03:43 - Guildford 03:50 - Worplesdon 03:56 - Woking 03:51 - Clapham Junction 03:51 - London Waterloo 03:59
04:51 Express	London Victoria 7:09 Haverst 03:51 - Chichester 03:16 - Barnham 03:23 - Arundel 03:23 - Worthing 03:41 - Liphook 03:46 - Southampton-by-Sea 03:49 - Portsmouth 03:58 - Hasea 03:57 - Haywards Heath 03:58 - Three Bridges 03:58 - Guelick Airport 03:57 - East Croydon 03:52 - Clapham Junction 03:52 - London Victoria 7:00
04:17 Express	Southernline Cardiff 03:59 Haverst 03:51 - Coatham 03:54 - Portsmouth 03:58 - Farnham 03:54 - Swanwick 03:40 - Woking 03:44 - Woodston 03:40 - Southampton Central 03:59
04:21 Train	Portsmouth Harbour 03:57 Haverst 03:51 - Fratton 03:50 - Portsmouth and Southsea 03:58 - Portsmouth Harbour 03:57
04:28 Express	London Victoria 7:02 Haverst 03:59 - Chichester 03:40 - Barnham 03:46 - Arundel 03:46 - Portsmouth 03:46 - Basingstoke 03:42 - Chichester 03:40 - Horsham 03:44 - Liphook 03:44 - Crawley 03:46 - Three Bridges 03:46 - Guelick Airport 03:46 - Hove 03:46 - Reading 03:46 - East Croydon 03:46 - Clapham Junction 03:46 - London Victoria 7:02
04:48 Train	Portsmouth Harbour 03:59 Haverst 03:59 - Fratton 03:59 - Portsmouth and Southsea 03:58 - Portsmouth Harbour 03:59
04:53 Train	London Waterloo 7:12 Haverst 04:03 - Rowlands Castle 04:03 - Petersfield 04:03 - Liss 04:02 - Liphook 03:59 - Haslemere 04:10 - Guildford 03:51 - Woking 03:51 - Clapham Junction 03:59 - London Waterloo 7:12
04:53 Train	Brighton 7:09 Haverst 03:53 - Worthing 03:58 - Emsworth 03:58 - Southbourne 03:51 - Nuffield 03:53 - Bournemouth 03:57 - Farncombe (Sussex) 03:51 - Chichester 03:51 - Barnham 03:51 - Farnham 03:52 - Ford 03:58 - Arundel 03:53 - Crawley 03:53 - Three Bridges 03:53 - Southampton-by-Sea 03:53 - West Worthing 03:51 - Worthing 03:44 - East Worthing 03:49 - Liphook 03:49 - Guelick Airport 03:49 - Hove 03:49 - Southwick 03:49 - Farnham 03:49 - Portsmouth 03:49 - Portsmouth Harbour 03:49 - Hove 03:49 - Brighton 7:09
04:52 Train	Portsmouth Harbour 03:52 Haverst 03:52 - Southampton 03:58 - Hasea 03:50 - Fratton 03:50 - Portsmouth and Southsea 03:58 - Portsmouth Harbour 03:59
04:58 Train	London Waterloo 7:12 Haverst 04:03 - Rowlands Castle 04:03 - Petersfield 04:03 - Liss 04:02 - Liphook 03:59 - Haslemere 04:10 - Guildford 03:51 - Woking 03:51 - Clapham Junction 03:59 - London Waterloo 7:12
04:53 Express	Brighton 7:09 Haverst 03:53 - Worthing 03:58 - Emsworth 03:58 - Southbourne 03:51 - Nuffield 03:53 - Bournemouth 03:57 - Farncombe (Sussex) 03:51 - Chichester 03:51 - Barnham 03:51 - Farnham 03:52 - Ford 03:58 - Arundel 03:53 - Crawley 03:53 - Three Bridges 03:53 - Southampton-by-Sea 03:53 - West Worthing 03:51 - Worthing 03:44 - East Worthing 03:49 - Liphook 03:49 - Guelick Airport 03:49 - Hove 03:49 - Southwick 03:49 - Farnham 03:49 - Portsmouth 03:49 - Portsmouth Harbour 03:49 - Hove 03:49 - Brighton 7:09
04:52 Train	Portsmouth Harbour 03:52 Haverst 03:52 - Southampton 03:58 - Hasea 03:50 - Fratton 03:50 - Portsmouth and Southsea 03:58 - Portsmouth Harbour 03:59
04:57 Express	Three Bridges 7:20 Haverst 03:57 - Emsworth 03:51 - Southbourne 03:51 - Bournemouth 03:51 - Farncombe (Sussex) 03:51 - Chichester 03:51 - Barnham 03:57 - Horsham 03:57 - Crawley 03:57 - Three Bridges 7:20
04:57 Express	London Victoria 7:07 Haverst 03:57 - Emsworth 03:51 - Southbourne 03:51 - Bournemouth 03:51 - Farncombe (Sussex) 03:51 - Chichester 03:51 - Barnham 03:57 - Horsham 03:57 - Crawley 03:57 - Three Bridges 7:22 - East Croydon 7:29 - Clapham Junction 7:49 - London Victoria 7:07
04:11 Train	London Waterloo 7:48 Haverst 04:11 - Rowlands Castle 04:19 - Petersfield 04:20 - Liss 04:24 - Liphook 04:11 - Haslemere 04:17 - Godalming 04:27 - Farncombe 7:30 - Guildford 7:07 - Woking 7:17 - London Waterloo 7:48
04:19 Train	Portsmouth Harbour 03:52 Haverst 04:13 - Southampton 04:18 - Hasea 04:20 - Fratton 04:28 - Portsmouth and Southsea 04:30 - Portsmouth Harbour 04:32

RailPlanner 6.13

Desertrains Travel Center 4

Time	Direction
08:20 Express	Brighton 7:58 Haverl 8:20. Ennsworth 8:24. Southbourne 8:27. Chichester 8:35. Barnham 8:40. Ford 8:47. Angmering 8:56. Oving-by-Sea 7:00. Durrington-on-Sea 7:03. West Worthing 7:30. Worthing 7:38. Lancing 7:42. Shoreham-by-Sea 7:16. Southwick 7:19. Portladies 7:22. Hove 7:28. Brighton 7:30
08:20 8-stops	Southampton Central 7:03 Haverl 8:20. Southbourne Central 8:27. Fareham 8:37. Swarwick 8:43. Southampton Central 7:02
08:34	London Waterloo 7:54 Haverl 8:34. Petersfield 9:40. Haslemere 7:02. Guildford 7:17. Woking 7:28. Lancing Waterloo 7:54
08:37 Express	London Bridge 8:41 Haverl 8:37. Worthing 8:39. Ennsworth 8:42. Southbourne 8:45. Nabourne 8:48. Bournemouth 8:51. Falmouth (Sussex) 8:54. Chichester 8:59. Barnham 7:11. Aundel 7:19. Portladies 7:28. Billingshurst 7:36. Christ Church 7:42. Horsham 7:47. Littleham 7:51. Hild 7:59. Crawley 8:01. Three Bridges 8:06. East Croydon 8:25. London Bridge 8:41
08:37 Express	Barnham 7:07 Haverl 8:37. Worthing 8:39. Ennsworth 8:42. Southbourne 8:45. Nabourne 8:48. Bournemouth 8:51. Falmouth (Sussex) 8:54. Chichester 8:59. Barnham 7:07
08:40 Express	Southampton Central 7:28 Haverl 8:40. Southbourne Central 8:24. Fareham 7:50. Swarwick 7:56. Southampton Central 7:25
08:50 11-stops	London Waterloo 8:34 Haverl 8:50. Rowlands Castle 8:59. Petersfield 7:07. Liss 7:12. Liphook 7:19. Haslemere 7:28. Guildford 7:35. Farncombe 7:38. Guildford 7:45. Worplesdon 7:50. Woking 7:57. Lancing Waterloo 8:34
08:55 Express	Brighton 8:39 Haverl 8:55. Ennsworth 8:57. Southbourne 7:00. Chichester 7:08. Barnham 7:18. Ford 7:30. Angmering 7:38. Oving-by-Sea 7:30. Durrington-on-Sea 7:33. West Worthing 7:36. Worthing 7:38. Lancing 7:42. Shoreham-by-Sea 7:46. Southwick 7:49. Portladies 7:52. Hove 7:58. Brighton 8:00
08:55 Train	Portsmouth Harbour 7:02 Haverl 8:55. Southampton 8:58. Hiles 7:01. Fratton 7:05. Portsmouth and Southsea 7:08. Portsmouth Harbour 7:13
07:40 Train	Portsmouth Harbour 7:39 Haverl 7:00. Southampton 7:03. Hiles 7:08. Fratton 7:12. Portsmouth and Southsea 7:17. Portsmouth Harbour 7:20
07:40 Express	London Waterloo 8:39 Haverl 7:00. Petersfield 7:14. Liss 7:20. Liphook 7:27. Haslemere 7:28. Guildford 7:45. Guildford 7:54. London Waterloo 8:32
07:49 Express	Norwich 8:07 Haverl 7:08. Worthing 7:08. Ennsworth 7:11. Southbourne 7:14. Nabourne 7:18. Barnham 7:30. Falmouth (Sussex) 7:23. Chichester 7:28. Barnham 7:38. Horsham 8:07
07:49 Express	London Waterloo 8:31 Haverl 7:08. Worthing 7:08. Ennsworth 7:11. Southbourne 7:14. Nabourne 7:18. Barnham 7:30. Falmouth (Sussex) 7:23. Chichester 7:28. Barnham 7:38. Horsham 8:09. Crawley 8:18. Three Bridges 8:22. Hove 8:28. East Croydon 8:44. Clapham Junction 8:53. London Victoria 8:01
07:11 Express	London Waterloo 8:41 Haverl 7:11. Petersfield 7:26. Haslemere 7:40. Valley 7:48. Miford (Sussex) 7:50. Guildford 7:54. Farncombe 7:57. Guildford 8:03. Woking 8:12. London Waterloo 8:41
07:16 Train	London Waterloo 8:43 Haverl 7:16. Rowlands Castle 7:22. Petersfield 7:30. Liss 7:38. Liphook 7:45. Haslemere 8:07. Valley 8:13. Miford (Sussex) 8:17. Guildford 8:21. Farncombe 8:28. Guildford 8:31. Worplesdon 8:37. Woking 8:49. Clapham Junction 8:04. Lancing Waterloo 8:13
07:16 Express	Brighton 8:18 Haverl 7:16. Chichester 7:31. Barnham 7:36. Worthing 7:39. Shoreham-by-Sea 8:09. Hove 8:15. Brighton 8:19

Practical Microbiology, August 28, 2014
 Transmittal Order 03.08.2014 - 91.34.2014
 Log Trace Information Systems Ltd. These subjects to change

RailPlanner 8.13

Decorative Breast Band

Time	Di	rection
07:19 Train	Southampton Central 8:01 Havant 7:19 - Coatham 7:26 - Portsmouth 7:30 - Fareham 7:36 - Swanwick 7:42 - Noidy 7:48 - Wootton 7:52 - Southampton Central 8:01	
07:29 Train	Portsmouth and Southsea 7:49 Havant 7:29 - Southampton 7:51 - Hiss 7:57 - Filton 7:42 - Portsmouth and Southsea 7:48	
07:31 Express	Southampton Central 8:13 Havant 7:31 - Coatham 7:38 - Fareham 7:47 - Swanwick 7:49 - Noidy 7:56 - Wootton 8:04 - St. Daves 8:08 - Southampton Central 8:13	
07:33 Express	London Waterloo 8:36 Havant 7:32 - Portsmouth 7:45 - Haslemere 8:00 - Guildford 8:18 - Wokingham 8:29 - Woking 8:27 - London Waterloo 8:35	
07:38 Train	Portsmouth and Southsea 7:30 Havant 7:38 - Southampton 7:57 - Hiss 7:42 - Filton 7:47 - Portsmouth and Southsea 7:30	
07:38 Brighton 8:39	Brighton 8:39 Havant 7:38 - Chichester 7:47 - Barmham 7:56 - Ford 8:00 - Ardingly 8:05 - Durrington-on-Sea 8:12 - Woking 8:16 - Lancing 8:20 - Shoreham-by-Sea 8:24 - Southwick 8:27 - Portsmouth 8:31 - Hove 8:34 - Brighton 8:39	
07:41 Train	Portsmouth Harbour 7:48 Havant 7:41 - Filton 7:50 - Portsmouth and Southsea 7:53 - Portsmouth Harbour 7:58	
07:47 Brighton 8:47	Havant 7:47 - Warrington 7:48 - Ermsworth 7:53 - Southbourne 7:56 - Nidbourne 7:58 - Barmham 8:01 - Portsmouth (Station) 8:04 - Chichester 8:08 - Barmham 8:19 - Horsham 8:47	
07:47 Brighton 8:48	London Victoria 8:42 Havant 7:47 - Warrington 7:49 - Ermsworth 7:53 - Southbourne 7:56 - Nidbourne 7:58 - Barmham 8:01 - Portsmouth (Station) 8:04 - Chichester 8:08 - Barmham 8:19 - Horsham 8:49 - Crawley 8:59 - Three Bridges 8:52 - Gatwick Airport 9:07 - East Croydon 9:35 - Clapham Junction 9:35 - London Victoria 8:42	
07:53 Train	Portsmouth Harbour 8:12 Havant 7:52 - Southampton 7:58 - Hiss 8:00 - Filton 8:04 - Portsmouth and Southsea 8:09 - Portsmouth Harbour 8:12	
07:53 Train	London Waterloo 8:48 Havant 7:52 - Rowlands Castle 7:57 - Petersfield 8:09 - Liss 8:14 - Liphook 8:21 - Haslemere 8:36 - Wey - Midford (Sunday) 8:49 - Godalming 8:53 - Farncombe 8:57 - Guildford 9:09 - Woking 9:19 - Clapham Junction 9:35 - London Waterloo 8:48	
07:58 Train	Portsmouth Harbour 8:28 Havant 7:58 - Southampton 8:00 - Hiss 8:08 - Filton 8:10 - Portsmouth and Southsea 8:17 - Portsmouth Harbour 8:25	
08:03 Express	Southampton Central 8:22 Havant 8:03 - Coatham 8:09 - Portsmouth 8:13 - Petersfield 8:26 - Southwick 8:28 - Bursledon 8:29 - Havant 8:32 - Noidy 8:34 - Shilling 8:38 - Wootton 8:40 - Bissme 8:43 - St. Daves 8:48 - Southampton Central 8:52	
08:04 Express	London Waterloo 8:31 Havant 8:04 - Petersfield 8:15 - Haslemere 8:30 - Guildford 8:34 - London Waterloo 8:31	
08:13 Brighton 8:16	Brighton 8:16 Havant 8:13 - Southsea 8:21 - Fareham 8:24 - Chichester 8:28 - Barmham 8:36 - Ford 8:40 - Ardingly 8:49 - Durrington-on-Sea 8:52 - Woking 8:58 - Lancing 9:00 - Shoreham-by-Sea 9:04 - Southampton Central 9:07 - Portsmouth 9:11 - Hove 9:14 - Brighton 8:16	
08:18 Train	Litlington 8:43 Havant 8:19 - Warrington 8:21 - Ermsworth 8:24 - Southbourne 8:27 - Nidbourne 8:29 - Chichester 8:36 - Barmham 8:44 - Ford 8:48 - Littlehampton 8:55	
08:23 Train	Portsmouth Harbour 8:41 Havant 8:22 - Southampton 8:25 - Hiss 8:30 - Filton 8:34 - Portsmouth and Southsea 8:39 - Portsmouth Harbour 8:41	

Received Wednesday, August 08, 2014
 Transmittal Date: 08/08/2014, 9:00:30 AM
 The Transmittal Number is 1. The Transmittal to the

RailPlanner 6.13

Departures Havent 06/09/14

Time	Direction
14:10 Express	Southernline Coastal 14:09 Havent 14:19 - Croydon 14:26 - Portsmouth 14:30 - Southampton 14:42 - Southampton Central 14:59
14:27 Train	Portsmouth and Southsea 14:24 Havent 14:27 - Southampton 14:30 - Hove 14:36 - Filton 14:40 - Portsmouth and Southsea 14:44
14:30 Express	London Victoria 14:18 Havent 14:30 - Chichester 14:41 - Bournemouth 14:49 - Hove 14:56 - Crawley 15:09 - Three Bridges 15:20 - Gatwick Airport 15:28 - Reading 15:41 - Reading 15:48 - East Croydon 15:50 - Clapham Junction 16:09 - London Victoria 16:16
14:30 Express	Hove 14:18 Havent 14:30 - Chichester 15:42 - Bournemouth 15:50 - Hove 15:19
14:32 Train	Portsmouth and Southsea 14:30 Havent 14:32 - Southampton 14:34 - Hove 14:42 - Filton 14:47 - Portsmouth and Southsea 14:50
14:34 Express	London Victoria 16:01 Havent 14:34 - Portsmouth 15:02 - Gatwick 15:17 - Woking 15:26 - London Victoria 16:01
14:37 Express	Southernline Coastal 16:19 Havent 14:37 - Croydon 16:46 - Farnham 14:54 - Swinstead 15:00 - Southampton Central 15:19
14:40 Train	London Victoria 16:13 Havent 14:40 - Portsmouth 15:28 - Gatwick 15:34 - Woking 15:48 - Clapham Junction 16:09 - London Victoria 16:13
14:46 Express	Portsmouth Harbour 16:02 Havent 14:46 - Filton 14:50 - Portsmouth and Southsea 14:58 - Portsmouth Harbour 16:02
14:46 Train	Brighton 16:49 Havent 14:46 - Portsmouth 14:50 - Chichester 15:00 - Bournemouth 15:08 - Brighton 16:49 15:17 - Woking 16:28 - Lancing 16:30 - Shoreham-by-Sea 16:34 - Southwick 16:37 - Portsmouth 16:40 - Hove 16:44 - Brighton 16:49
14:50 Express	Portsmouth Harbour 16:07 Havent 14:50 - Filton 14:56 - Portsmouth and Southsea 15:04 - Portsmouth Harbour 16:07
14:56 Express	Hove 16:44 - Brighton 16:49 Havent 14:56 - Portsmouth 15:00 - Chichester 15:11 - Bournemouth 15:19 - Hove 16:48
14:56 Express	London Victoria 16:48 Havent 14:56 - Portsmouth 15:00 - Chichester 15:11 - Bournemouth 15:19 - Hove 16:48 15:17 - Woking 16:28 - Lancing 16:30 - Shoreham-by-Sea 16:34 - Southwick 16:37 - Portsmouth 16:40 - Clapham Junction 16:59 - London Victoria 16:48
16:04 Express	London Victoria 16:34 Havent 16:04 - Portsmouth 15:19 - Hove 15:26 - Gatwick 15:47 - Woking 15:56 - London Victoria 16:34
16:06 Train	Portsmouth Harbour 16:21 Havent 16:06 - Filton 16:14 - Portsmouth and Southsea 16:17 - Portsmouth Harbour 16:21
16:09 Express	Brighton 16:31 Havent 16:09 - Chichester 16:20 - Bournemouth 16:28 - Farnham 16:36 - Crawley 16:39 - Three Bridges 16:43 - Gatwick Airport 16:51 - Reading 16:58 - East Croydon 17:01 - Clapham Junction 17:10 - London Victoria 17:16
16:16 Express	Brighton 16:14 Havent 16:16 - Chichester 16:29 - Bournemouth 16:37 - Woking 16:46 - Shoreham-by-Sea 16:51 - Hove 16:58 - Brighton 16:14
16:16 Express	Portsmouth Harbour 16:23 Havent 16:16 - Filton 16:23 - Portsmouth and Southsea 16:29 - Portsmouth Harbour 16:33

RailPlanner 6.13

Departures Havent 06/09/14

Time	Direction
15:17 Train	Luton 15:17 Havent 15:17 - Woking 15:19 - Epsom 15:22 - Southbourne 15:26 - Hove 15:28 - Bournemouth 15:31 - Southampton 15:34 - Chichester 15:38 - Bournemouth 15:46 - Farnham 15:50 - London Victoria 16:07
15:18 Express	Southernline Coastal 15:28 Havent 15:18 - Croydon 15:26 - Portsmouth 15:30 - Farnham 15:36 - Swinstead 15:42 - Southampton Central 15:59
15:27 Train	Portsmouth and Southsea 15:24 Havent 15:27 - Southampton 15:30 - Hove 15:36 - Filton 15:40 - Portsmouth and Southsea 15:44
15:38 Express	Hove 15:18 Havent 15:38 - Chichester 15:42 - Bournemouth 15:50 - Hove 15:19
15:38 Express	London Victoria 17:20 Havent 15:38 - Chichester 15:42 - Bournemouth 15:50 - Hove 15:56 - Crawley 16:09 - Three Bridges 16:20 - Gatwick Airport 16:28 - Reading 16:41 - Reading 16:48 - East Croydon 16:51 - Clapham Junction 17:10 - London Victoria 17:16
15:38 Train	Portsmouth and Southsea 15:38 Havent 15:38 - Southampton 15:41 - Hove 15:47 - Filton 15:51 - Portsmouth and Southsea 15:54
15:44 Express	London Victoria 17:24 Havent 15:44 - Portsmouth 15:48 - Farnham 15:54 - Swinstead 16:00 - Southampton Central 16:20
15:48 Train	London Victoria 17:24 Havent 15:48 - Portsmouth 15:52 - Farnham 15:58 - Swinstead 16:04 - Southampton Central 16:24 - Gatwick Airport 16:32 - Reading 16:39 - East Croydon 16:42 - Woking 16:46 - Clapham Junction 17:09 - London Victoria 17:14
15:48 Express	Portsmouth Harbour 16:02 Havent 15:48 - Filton 15:55 - Portsmouth and Southsea 16:08 - Portsmouth Harbour 16:02
15:48 Train	Brighton 16:48 Havent 15:48 - Portsmouth 15:52 - Chichester 16:08 - Bournemouth 16:16 - Brighton 16:48 16:17 - Woking 16:28 - Lancing 16:30 - Shoreham-by-Sea 16:34 - Southwick 16:37 - Portsmouth 16:40 - Hove 16:44 - Brighton 16:48
15:59 Express	Portsmouth Harbour 16:07 Havent 15:59 - Filton 16:06 - Portsmouth and Southsea 16:14 - Portsmouth Harbour 16:07
16:04 Express	London Victoria 17:27 Havent 16:04 - Portsmouth 16:10 - Hove 16:16 - Crawley 16:29 - Three Bridges 16:34 - Gatwick Airport 16:42 - Reading 16:49 - East Croydon 16:52 - Clapham Junction 17:11 - London Victoria 17:17
16:09 Express	Hove 16:48 Havent 16:09 - Chichester 16:20 - Bournemouth 16:28 - Farnham 16:36 - Crawley 16:39 - Three Bridges 16:43 - Gatwick Airport 16:51 - Reading 16:58 - East Croydon 17:01 - Clapham Junction 17:10 - London Victoria 17:16
16:09 Express	London Victoria 17:20 Havent 16:09 - Chichester 16:20 - Bournemouth 16:28 - Farnham 16:36 - Crawley 16:39 - Three Bridges 16:43 - Gatwick Airport 16:51 - Reading 16:58 - East Croydon 17:01 - Clapham Junction 17:10 - London Victoria 17:16
16:23 Train	Portsmouth Harbour 16:21 Havent 16:23 - Southampton 16:24 - Filton 16:29 - Portsmouth and Southsea 16:33 - Portsmouth Harbour 16:23
16:24 Train	London Victoria 17:23 Havent 16:24 - Portsmouth 16:28 - Bournemouth 16:36 - Farnham 16:42 - Crawley 16:45 - Three Bridges 16:49 - Gatwick Airport 16:52 - Reading 16:59 - East Croydon 17:02 - Clapham Junction 17:11 - London Victoria 17:17
16:29 Train	Portsmouth Harbour 16:29 Havent 16:29 - Filton 16:36 - Portsmouth and Southsea 16:40 - Portsmouth Harbour 16:29

RailPlanner 6.13

Departures Havert 06/08/14

Time	Direction
16:12 Express	Brighton 17:16 Havert 18:12 - Ermenoth 18:28 - Barnham 18:33 - Ford 18:37 - Angmering 18:43 - Goring-by-Sea 18:47 - Durrington-on-Sea 18:50 - West Worthing 18:53 - Worthing 18:58 - Lancing 17:00 - Shoreham-by-Sea 17:04 - Southwick 17:07 - Portlisle 17:10 - Hove 17:14 - Brighton 17:16
16:16 Express	Portsmouth Harbour 18:33 Havert 18:16 - Fratton 18:25 - Portsmouth and Southsea 18:28 - Portsmouth Harbour 18:23
16:16 Train	Liphams Lane 18:54 Havert 18:16 - Worthington 18:18 - Ermenoth 18:21 - Southbourne 18:24 - Nuffourne 18:28 - Bournemouth 18:30 - Falmouth (Sussex) 18:33 - Chichester 18:37 - Barnham 18:45 - Ford 18:48 - Littlehampton 18:54
16:18 Express	Southampton Central 17:01 Havert 18:19 - Gosham 18:28 - Parkview 18:30 - Farnham 18:38 - Swanwick 18:42 - Southampton Central 17:01
16:27 Train	Portsmouth Harbour 18:49 Havert 18:27 - Southampton 18:30 - Hase 18:38 - Fratton 18:40 - Portsmouth and Southsea 18:43 - Portsmouth Harbour 18:48
16:30 Express	Horsham 17:28 Havert 18:30 - Ermenoth 18:34 - Chichester 18:38 - Barnham 18:41 - Horsham 18:45 - Horsham 17:30
16:30 Express	London Victoria 18:30 Havert 18:30 - Ermenoth 18:34 - Chichester 18:38 - Barnham 18:41 - Horsham 18:45 - Horsham 17:31 - Three Bridges 17:36 - Gatwick Airport 17:42 - Redhill 17:50 - East Croydon 18:02 - Clapham Junction 18:13 - London Victoria 18:20
16:33 Train	Portsmouth and Southsea 18:30 Havert 18:33 - Southampton 18:35 - Hase 18:42 - Fratton 18:47 - Portsmouth and Southsea 18:50
16:34 Express	London Waterloo 17:54 Havert 18:34 - Portsmouth 18:38 - Hase 18:45 - Fratton 17:52 - Guildford 17:57 - Woking 17:58 - London Waterloo 17:54
16:38 Express	Southampton Central 17:38 Havert 18:38 - Gosham 18:48 - Farnham 18:58 - Eastleigh 17:18 - Southampton Airport Parkway 17:30 - Southampton Central 17:38
16:40 Train	London Waterloo 18:14 Havert 18:40 - Portsmouth 18:44 - Fratton 18:48 - Southampton 18:51 - Southampton Airport Parkway 17:30 - Guildford 17:36 - Farnham 17:38 - Guildford 17:34 - Woking 17:40 - Clapham Junction 18:08 - London Waterloo 18:14
16:48 Train	Brighton 17:48 Havert 18:48 - Ermenoth 18:50 - Southbourne 18:53 - Chichester 17:50 - Barnham 17:58 - Angmering 17:57 - Worthing 17:58 - Lancing 17:59 - Shoreham-by-Sea 17:54 - Southwick 17:57 - Portlisle 17:40 - Hove 17:54 - Brighton 17:48
16:48 Express	Portsmouth Harbour 17:52 Havert 18:48 - Fratton 18:53 - Portsmouth and Southsea 18:56 - Portsmouth Harbour 17:52
16:50 Express	Portsmouth Harbour 17:57 Havert 18:50 - Fratton 18:58 - Portsmouth and Southsea 17:54 - Portsmouth Harbour 17:57
16:52 Express	Horsham 17:38 Havert 18:52 - Ermenoth 18:56 - Southbourne 18:59 - Barnham 17:53 - Chichester 17:13 - Barnham 17:21 - Horsham 17:30
16:52 Express	London Victoria 18:47 Havert 18:52 - Ermenoth 18:56 - Southbourne 18:59 - Barnham 17:53 - Chichester 17:13 - Barnham 17:21 - Horsham 17:30 - Chichester 18:01 - Three Bridges 18:03 - Gatwick Airport 18:10 - Redhill 18:18 - East Croydon 18:21 - Clapham Junction 18:41 - London Victoria 18:47
16:58 Express	London Waterloo 18:27 Havert 18:58 - Portsmouth 17:10 - Hase 17:52 - Guildford 17:57 - Woking 17:59 - London Waterloo 18:27

Printed Wednesday, August 06, 2014
 Travel Date: 06.08.14, 17.08.2014
 © Travel Information Systems Ltd. Times subject to change

RailPlanner 6.13

Departures Havert 06/08/14

Time	Direction
17:58 Train	Brighton 18:08 Havert 17:50 - Worthington 17:52 - Ermenoth 17:58 - Southbourne 17:58 - Nuffourne 17:10 - Bournemouth 17:14 - Falmouth (Sussex) 17:17 - Chichester 17:21 - Barnham 17:28 - Worthing 17:43 - East Worthing 17:49 - Lancing 17:49 - Shoreham-by-Sea 17:53 - Southwick 17:58 - Falmouth 17:58 - Portlisle 18:00 - Brighton 18:08
17:58 Train	Portsmouth Harbour 17:38 Havert 17:50 - Southampton 17:58 - Hase 17:57 - Fratton 17:12 - Portsmouth and Southsea 17:16 - Portsmouth Harbour 17:30
17:54 Train	Portsmouth Harbour 17:38 Havert 17:54 - Southampton 17:57 - Hase 17:12 - Fratton 17:17 - Portsmouth and Southsea 17:21 - Portsmouth Harbour 17:38
17:54 Train	London Waterloo 18:43 Havert 17:54 - Portsmouth 17:18 - Looe 17:23 - Liphams Lane 17:20 - Hase 17:37 - Woking 17:43 - Millard (Bury) 17:47 - Godalming 17:51 - Farncombe 17:54 - Guildford 18:00 - Wokington 18:08 - Woking 18:12 - Clapham Junction 18:22 - London Waterloo 18:43
17:58 Train	Portsmouth and Southsea 17:23 Havert 17:58 - Fratton 17:18 - Portsmouth and Southsea 17:22
17:43 Express	Brighton 18:18 Havert 17:12 - Ermenoth 17:17 - Chichester 17:25 - Barnham 17:33 - Ford 17:38 - Angmering 17:44 - Goring-by-Sea 17:48 - Durrington-on-Sea 17:50 - West Worthing 17:52 - Worthing 17:58 - Lancing 18:00 - Shoreham-by-Sea 18:04 - Southwick 18:07 - Portlisle 18:10 - Hove 18:14 - Brighton 18:18
17:18 Express	Portsmouth Harbour 17:38 Havert 17:18 - Fratton 17:25 - Portsmouth and Southsea 17:30 - Portsmouth Harbour 17:38
17:17 Train	Littlehampton 17:58 Havert 17:17 - Worthington 17:18 - Ermenoth 17:22 - Southbourne 17:25 - Nuffourne 17:28 - Bournemouth 17:31 - Falmouth (Sussex) 17:34 - Chichester 17:38 - Barnham 17:46 - Ford 17:50 - Littlehampton 17:58
17:18 Express	Southampton Central 18:08 Havert 17:18 - Gosham 17:27 - Parkview 17:31 - Farnham 17:37 - Swanwick 17:43 - Woking 17:48 - Wokington 17:50 - St Denys 17:58 - Southampton Central 18:08
17:27 Train	Portsmouth and Southsea 17:44 Havert 17:27 - Southampton 17:30 - Hase 17:58 - Fratton 17:40 - Portsmouth and Southsea 17:44
17:54 Express	Horsham 18:20 Havert 17:50 - Chichester 17:43 - Barnham 17:51 - Horsham 18:20
17:58 Express	London Victoria 18:38 Havert 17:50 - Chichester 17:43 - Barnham 17:51 - Horsham 18:22 - Chichester 18:31 - Three Bridges 18:38 - Gatwick Airport 18:40 - Redhill 18:48 - East Croydon 18:00 - Clapham Junction 18:12 - London Victoria 18:18
17:28 Train	Portsmouth and Southsea 17:38 Havert 17:28 - Southampton 17:34 - Hase 17:42 - Fratton 17:47 - Portsmouth and Southsea 17:30
17:54 Express	London Waterloo 18:48 Havert 17:54 - Portsmouth 17:18 - Looe 17:23 - Liphams Lane 17:20 - Hase 17:37 - Woking 17:43 - Millard (Bury) 17:47 - Godalming 17:51 - Farncombe 17:54 - Guildford 18:00 - Wokington 18:08 - Woking 18:12 - Clapham Junction 18:22 - London Waterloo 18:48
17:27 Express	Southampton Central 18:28 Havert 17:27 - Gosham 17:48 - Farnham 17:54 - Swanwick 18:08 - Southampton Central 18:28
17:48 Train	London Waterloo 18:13 Havert 17:48 - Portsmouth 17:18 - Looe 17:23 - Liphams Lane 17:20 - Hase 17:37 - Woking 17:43 - Millard (Bury) 17:47 - Godalming 17:51 - Farncombe 17:54 - Guildford 18:00 - Wokington 18:08 - Woking 18:12 - Clapham Junction 18:22 - London Waterloo 18:13
17:48 Train	Brighton 18:31 Havert 17:48 - Ermenoth 17:50 - Southbourne 17:53 - Chichester 18:00 - Barnham 18:08 - Angmering 18:15 - Worthing 18:30 - East Worthing 18:38 - Lancing 18:31 - Shoreham-by-Sea 18:38 - Southwick 18:38 - Falmouth 18:40 - Portlisle 18:42 - Brighton 18:44 - Hove 18:47 - Brighton 18:48

Printed Wednesday, August 06, 2014
 Travel Date: 06.08.14, 17.08.2014
 © Travel Information Systems Ltd. Times subject to change

RailPlanner 6.13

Department of Management Science, Harvard Business School, Boston, MA 02163, USA

Time	Description
17:00 Express	Portsmouth Harbour 18:09 Haveril 17:50 - Fratton 17:59 - Portsmouth and Southsea 18:04 - Portsmouth Harbour 18:09
17:34 Express	Portsmouth Harbour 18:18 Haveril 17:54 - Southampton 17:36 - Hove 18:01 - Fratton 18:06 - Portsmouth and Southsea 18:09 - Portsmouth Harbour 18:18
17:39 Express	Hornham 18:28 Haveril 17:56 - Emsworth 18:00 - Southampton 18:09 - Chichester 18:13 - Barmham 18:21 - Hornham 18:50
17:39 Express	London Victoria 18:47 Haveril 17:56 - Emsworth 18:00 - Southampton 18:09 - Chichester 18:13 - Barmham 18:21 - Hornham 18:52 - Crawley 19:01 - Three Bridges 19:08 - Gatwick Airport 19:10 - Redhill 19:18 - East Croydon 19:29 - Clapham Junction 19:40 - London Victoria 19:47
17:39 Express	Brighton Tropicale Mounds 20:28 Haveril 17:56 - Oathem 18:08 - Farnham 18:19 - Southampton Coastal 18:42 - Romsey 18:54 - Bellbusby 18:13 - Warrimuir 18:32 - Dilton Marsh 19:37 - Westbury (Wiltshire) 19:41 - Traralgon 19:46 - Bradburn-Avon 19:54 - Bath Spa 20:08 - Guildford Park 20:11 - Kaysmarsh 20:16 - Exeter Temple Meads 20:28
18:00 Train	Luton Kings Mill 19:42 Haveril 18:00 - Worthington 18:02 - Emsworth 18:05 - Southampton 18:08 - Nuffields 18:10 - Barmham 18:14 - Farnham (Buses) 18:17 - Chichester 18:21 - Barmham 18:29 - Ford 18:33 - Litchington 18:42
18:04 Train	Portsmouth Harbour 18:39 Haveril 18:04 - Southampton 18:07 - Hove 18:12 - Fratton 18:17 - Portsmouth and Southsea 18:22 - Portsmouth Harbour 18:28
18:04 Express	London Waterloo 19:29 Haveril 18:04 - Peasemaid 18:19 - Haslemere 18:32 - Virey 18:38 - Milford (Barney) 18:42 - Godalming 18:48 - Farncombe 18:49 - Guildford 18:56 - Woking 19:00 - London Waterloo 19:29
18:11 Express	Brighton 19:19 Haveril 18:11 - Emsworth 18:15 - Chichester 18:25 - Barmham 18:28 - Arngarth 18:42 - Durrington-on-Bass 18:44 - Worthing 18:53 - East Worthing 18:58 - Lancing 18:59 - Shoreham-by-Sea 19:00 - Southwick 19:05 - Falmergate 19:07 - Portlady 19:08 - Aldington 19:11 - Hove 19:18 - Brighton 19:19
18:13 Train	Portsmouth Harbour 18:31 Haveril 18:13 - Fratton 18:22 - Portsmouth and Southsea 18:28 - Portsmouth Harbour 18:31
18:18 Train	London Victoria 20:28 Haveril 18:16 - Worthington 18:18 - Emsworth 18:21 - Southampton 18:24 - Nuffields 18:28 - Barmham 18:30 - Farnham (Buses) 18:33 - Chichester 18:37 - Barmham 18:40 - Alnfield 18:52 - Pulborough 19:01 - Billhook 19:08 - Hornham 19:17 - Crawley 19:28 - Three Bridges 19:36 - Gatwick Airport 19:40 - Redhill 19:48 - East Croydon 20:01 - Clapham Junction 20:11 - London Victoria 20:20
18:20 Express	Portsmouth Harbour 18:39 Haveril 18:20 - Fratton 18:29 - Portsmouth and Southsea 18:33 - Portsmouth Harbour 18:39
18:20 Express	Southington Coastal 19:44 Haveril 18:23 - Oathem 18:30 - Portchester 18:34 - Farnham 18:40 - Swernick 18:48 - Southampton Central 19:04
18:30 Train	Portsmouth Harbour 18:42 Haveril 18:30 - Southampton 18:33 - Hove 18:39 - Fratton 18:43 - Portsmouth and Southsea 18:48 - Portsmouth Harbour 18:52
18:34 Train	Portsmouth and Southsea 18:49 Haveril 18:34 - Southampton 18:38 - Hove 18:42 - Fratton 18:46 - Portsmouth and Southsea 18:49
18:34 Express	London Waterloo 19:39 Haveril 18:34 - Peasemaid 18:49 - Haslemere 19:02 - Godalming 19:11 - Farncombe 19:14 - Guildford 19:21 - Woking 19:30 - London Waterloo 19:39
18:37 Express	Southington Coastal 19:30 Haveril 18:37 - Oathem 18:44 - Farnham 18:50 - Swernick 18:59 - Southampton Central 19:29

RailPlanner 6.13

Pharmaceutical Industry

Time	Di motion
18:48 Thurs	London Waterloo 20:14 Haver 18:40, Roseland Castle 18:48, Palmerfield 18:57, Llan 19:02, Lpuck 19:09, Haverlens 19:16, Goumring 19:26, Penrhos 19:28, Gullford 19:34, Newport 19:40, Woking 19:46, Caprian Junction 20:08 - London Waterloo 20:14
18:48 Thurs	Brighton 19:48 Haver 18:43, Ermarsh 18:47, Southbourne 18:50, Chichester 18:58, Barnham 19:08, Angmering 19:16, Worthing 19:23, East Worthing 19:28, Lancing 19:38, Shoreham-by-Sea 19:43, Southsea 19:08 - Portsmouth 19:57 - Portsmouth 19:58 - Aldington 19:48 - Hove 19:44 - Brighton 19:48
18:51 Express	London Victoria 20:50 Haver 18:51, Ermarsh 19:08, Southbourne 19:09, Chichester 19:09, Barnham 19:14, Ford 19:19, Arundel 19:29, Arundel 19:29, Portsmouth 19:34, Billingshurst 19:41, Christ's Hospital 19:47, Haverlens 19:52, Crawley 20:01, Three Bridges 20:05, Gullford Airport 20:11, Ruffell 20:19 - East Croydon 20:50 - Croydon Junction 20:41 - London Victoria 20:50
18:51 Express	Portsmouth Harbour 19:19 Haver 18:51, Frith 19:00, Portsmouth and Southsea 19:05, Portsmouth Harbour 19:10 Portsmouth and Southsea 19:08 Haver 18:54, Southampton 19:07, Hase 19:08, Frith 19:08, Portsmouth and Southsea 19:08
18:58 Thurs	Lt Southampton 19:38 Haver 18:58, Worthing 19:08, Ermarsh 19:09, Southbourne 19:04, Haverlens 19:07, Barnham 19:10, Portsmouth (Sussex) 19:15, Chichester 19:17, Barnham 19:28, Ford 19:30, Luffhampton 19:38 Frith 19:14 Haver 19:12, Southampton 19:08, Hase 19:10, Frith 19:14
19:04 Express	London Waterloo 20:34 Haver 18:04, Palmerfield 19:18, Haverlens 19:22, Gullford 19:47, Woking 19:56 - London Waterloo 20:34
19:08 Thurs	Portsmouth Harbour 19:28 Haver 19:08, Frith 19:18, Portsmouth and Southsea 19:21, Portsmouth Harbour 19:28
19:11 Express	Brighton 20:18 Haver 19:11, Chichester 19:22, Barnham 19:30, Angmering 19:40, Goring-by-Sea 19:44, Durrington-on-Sea 19:48, East Worthing 19:48, Worthing 19:52, East Worthing 19:58, Lancing 19:58, Shoreham-by-Sea 20:02, Southwick 20:05, Farnham 20:07, Portliss 20:08, Aldington 20:11 - Hove 20:14 - Brighton 20:18
19:18 Thurs	Lt Southampton 19:38 Haver 19:18, Worthing 19:18, Ermarsh 19:21, Southbourne 19:24, Haverlens 19:27, Barnham 19:30, Portsmouth (Sussex) 19:33, Chichester 19:40, Barnham 19:48, Ford 19:52, Luffhampton 19:58
19:18 Express	Portsmouth Harbour 19:38 Haver 19:18, Frith 19:28, Portsmouth and Southsea 19:30, Portsmouth Harbour 19:38
19:21 Express	Southampton Gullford 20:23 Haver 19:21, Coker 19:29, Portsmouth 19:38, Fareham 19:39, Southwick 19:48, Southampton Central 20:53
19:23 Thurs	Portsmouth and Southsea 19:38 Haver 19:23, Southampton 19:38, Hase 19:40, Frith 19:47, Portsmouth and Southsea 19:50
19:24 Express	London Waterloo 20:38 Haver 19:24, Palmerfield 19:48, Haverlens 19:52, Gullford 20:17, Woking 20:28 - London Waterloo 20:38
19:27 Express	Southampton Central 20:18 Haver 19:27, Coker 19:48, Fareham 19:58, Portsmouth 20:01 - Southampton Central 20:18
19:48 Thurs	London Waterloo 21:21 Haver 19:40, Roseland Castle 19:48, Palmerfield 19:57, Llan 20:02, Lpuck 20:09, Haverlens 20:16, Woking 20:21, Maford (Sussex) 20:26, Gullford 20:30, Farnham 20:32, Gullford 20:39, Woking 20:44, Woking 20:50, Coker Junction 21:13 - London Waterloo 21:21

RailPlanner 6.13

Departures Havernt 06/08/14

Time	Direction
21:30 Train	Faversham 22:12 Havernt 21:54 - Oakham 22:05 - Faversham 22:12
22:30 Train	Three Bridges 22:57 Havernt 22:00 - Chichester 22:11 - Bournemouth 22:19 - Ford 22:28 - Auncl 22:38 - Putborough 22:57 - Billingshurst 22:45 - Chichester 22:50 - Horsham 22:56 - Crawley 23:05 - Three Bridges 23:07
22:10 Train	Portsmouth Harbour 22:36 Havernt 22:10 - Fratton 22:19 - Portsmouth and Southsea 22:22 - Portsmouth Harbour 22:28
22:14 Express	Barnham 22:43 Havernt 22:14 - Worthing 22:19 - Erminworth 22:19 - Southbourne 22:22 - Nubourne 22:24 - Bournemouth 22:26 - Fratton 22:31 - Chichester 22:34 - Barnham 22:42
22:18 Express	Portsmouth Harbour 22:37 Havernt 22:18 - Fratton 22:29 - Portsmouth and Southsea 22:33 - Portsmouth Harbour 22:37
22:34 Express	Southampton Central 22:47 Havernt 22:28 - Oakham 22:34 - Faversham 22:40 - Bournemouth 22:49 - Southampton Central 23:07
22:30 Train	Portsmouth and Southsea 22:48 Havernt 22:30 - Southampton 22:30 - Hove 22:38 - Fratton 22:43 - Portsmouth and Southsea 22:48
22:38 Train	Brighton 22:48 Havernt 22:38 - Erminworth 22:39 - Southbourne 22:42 - Chichester 22:52 - Bournemouth 23:00 - Ford 23:04 - Arnecliffe 23:11 - Goring-by-Sea 23:16 - Durrington-on-Sea 23:17 - West Worthing 23:19 - Worthing 23:22 - East Worthing 23:23 - Lancing 23:28 - Shoreham-by-Sea 23:33 - Southwick 23:35 - Farnham 23:37 - Portsmouth 23:38 - Brighton 23:48
22:40 Train	London Waterloo 0:23 Havernt 22:40 - Rowlands Castle 22:45 - Palenfield 22:57 - Liss 23:02 - Liphook 23:09 - Haslemere 23:13 - Witley 23:21 - Alford (Surrey) 23:26 - Gosling 23:29 - Farncombe 23:32 - Guildford 23:38 - Wokingham 23:44 - Woking 23:58 - Basing 0:08 - Wokingham 0:18 - Clapham Junction 0:23 - London Waterloo 0:28
22:40 Express	Portsmouth Harbour 22:59 Havernt 22:40 - Fratton 22:53 - Portsmouth and Southsea 22:58 - Portsmouth Harbour 22:59
22:48 Express	Portsmouth Harbour 23:08 Havernt 22:48 - Fratton 22:59 - Portsmouth and Southsea 23:08 - Portsmouth Harbour 23:08
22:57 Express	Liss 23:08 Havernt 22:57 - Erminworth 23:01 - Southbourne 23:04 - Chichester 23:12 - Bournemouth 23:20 - Liphook 23:23
22:58 Train	Faversham 23:18 Havernt 22:58 - Southampton 23:02 - Colham 23:08 - Portchester 23:19 - Farnham 23:19
23:08 Train	Brighton 0:28 Havernt 23:08 - Chichester 23:17 - Bournemouth 23:25 - Ford 23:29 - Liphook 23:36 - Arnecliffe 23:47 - Goring-by-Sea 23:51 - Durrington-on-Sea 23:56 - West Worthing 23:59 - Worthing 23:59 - East Worthing 0:01 - Lancing 0:04 - Shoreham-by-Sea 0:09 - Southwick 0:11 - Farnham 0:13 - Portsmouth 0:18 - Aldington 0:18 - Hove 0:21 - Brighton 0:28
23:11 Train	Portsmouth Harbour 23:37 Havernt 23:11 - Fratton 23:20 - Portsmouth and Southsea 23:24 - Portsmouth Harbour 23:27
23:12 Express	Liss 23:12 Havernt 23:12 - Chichester 23:20 - Bournemouth 23:21 - Liphook 23:24
23:18 Express	Portsmouth Harbour 23:38 Havernt 23:18 - Fratton 23:28 - Portsmouth and Southsea 23:33 - Portsmouth Harbour 23:38
23:30 Train	Portsmouth and Southsea 23:48 Havernt 23:30 - Southampton 23:53 - Hove 23:38 - Fratton 23:43 - Portsmouth and Southsea 23:48
23:34 Train	Portsmouth and Southsea 23:54 Havernt 23:34 - Fratton 23:47 - Portsmouth and Southsea 23:54

Printed Wednesday, August 06, 2014
Timetable Date: 21.08.2014 - 21.08.2014
© Travel Information Systems Ltd. Times subject to change

RailPlanner 6.13

Departures Havernt 06/08/14

Time	Direction
23:34 Train	Liphook 0:17 Havernt 23:34 - Worthing 23:38 - Erminworth 23:41 - Southbourne 23:44 - Nubourne 23:47 - Bournemouth 23:50 - Farnham 23:53 - Chichester 23:57 - Bournemouth 23:57 - Ford 0:10 - Liphook 0:17
23:48 Train	Guildford 0:37 Havernt 23:48 - Rowlands Castle 23:48 - Palenfield 23:57 - Liss 0:02 - Liphook 0:09 - Haslemere 0:16 - Witley 0:21 - Alford (Surrey) 0:26 - Gosling 0:29 - Farncombe 0:32 - Guildford 0:37
23:48 Express	Portsmouth Harbour 0:37 Havernt 23:48 - Fratton 23:59 - Portsmouth and Southsea 0:03 - Portsmouth Harbour 0:07
23:53 Train	Barnham 0:13 Havernt 23:53 - Chichester 0:04 - Barnham 0:13

Printed Wednesday, August 06, 2014
Timetable Date: 21.08.2014 - 21.08.2014
© Travel Information Systems Ltd. Times subject to change

APPENDIX 9

valid from 8th January 2015

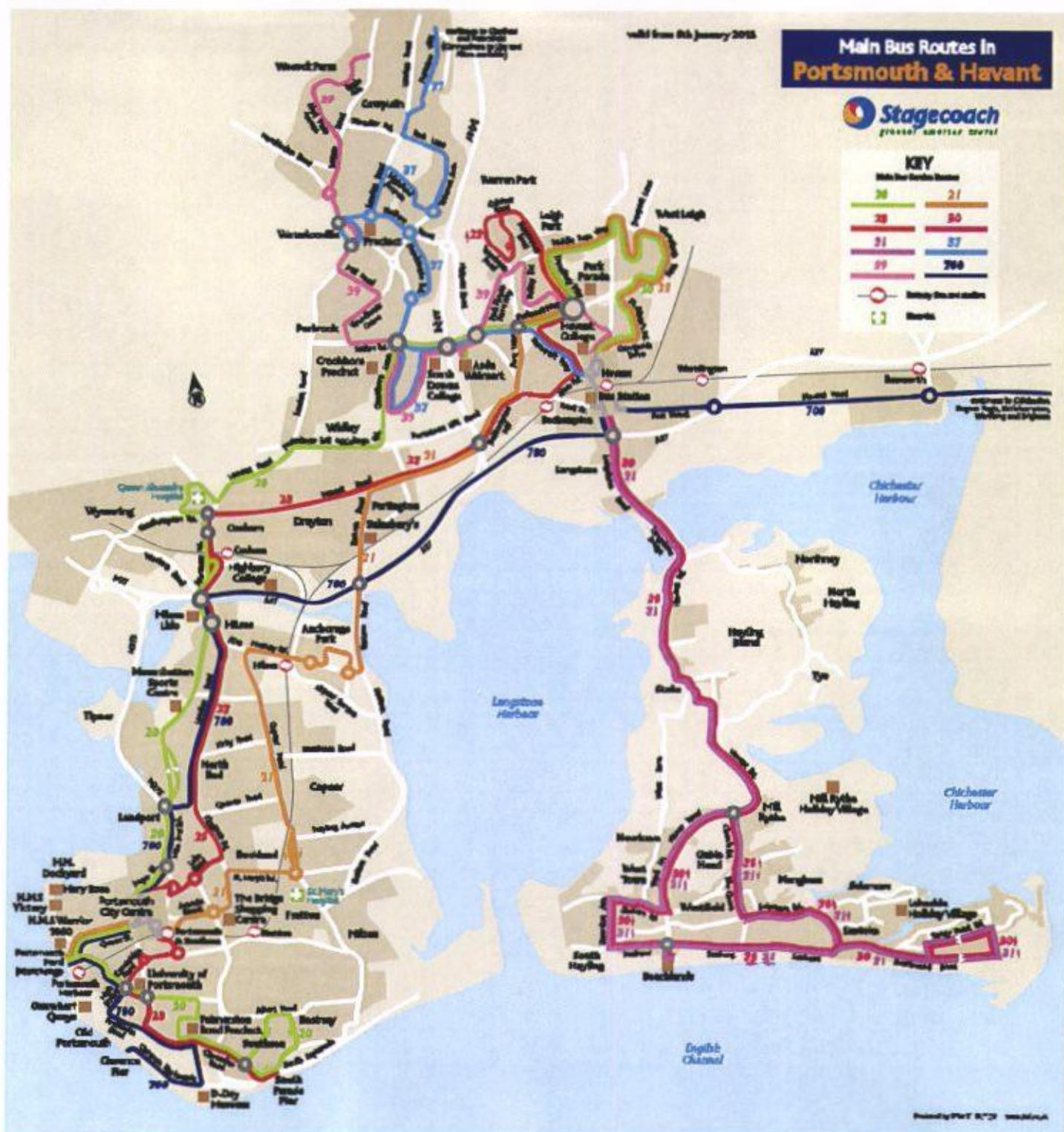
Main Bus Routes In Portsmouth & Havant



KEY
Main bus routes

20	21
28	30
31	37
39	700

Bus stop
 Railway station



Printed by PRT 8/13 10000000

Downloaded from <http://www.jstor.org/stable/23466010> by University of California, San Diego on Tue, 10 Jun 2014 12:00:00 PM

[illegible]

Background

Mondays to Fridays

[illegible]

Figure 6. - When the same letter is used, the mean number of letters in the word is the same.

Downloaded from www.jstor.org/stable/2001010 by University of California, San Diego on Tue, 10 May 2011 12:00:00 PM

[illegible][illegible]

Mondays to Fridays

[illegible]

DATE WHEN MADE WAS SENT

Trans Vd 'www.01082013 Jy. -J-yr Vd. on

Downloaded from <http://www.jstor.org/stable/2345678> on Tue, 20 Jun 2017 12:34:30 UTC
All use subject to <http://about.jstor.org/terms>

Mondays to Fridays

1	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292	3293	3294	3295	3296	3297	3298	3299	3300	3301	3302	3303	3304	3305	3306	3307	3308	3309	3310	3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329
---	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

丁巳歲次正月十五日

10. *Chloroceryle alpestris*, P. L. S. 1822, p. 10, pl. 1, fig. 1.

Downloaded from www.sagepub.com at 05:00 2013

Monday to Friday

[illegible]

Table 1. The authors' initials. The numbers in the column next to the initials are the number of

Mondays to Fridays

[illegible][illegible]

Mondays to Fridays

[illegible]

2010年10月10日

[illegible]

You can also get the same browser by using the 212 contact centers listed on the back of each copy of the book. For more information, call 1-800-368-6272.

NOTE: SRS codes are different in each direction. Make sure you choose forward direction from these lists.

[illegible][illegible]

You can also get the same information by using the 211 code at most area business facilities for downloading or downloading from the Internet.

NOTE: SLES codes are different in each direction. Make sure you choose the right direction from these lists.

[illegible]

