Local Plan 2031 Part 2 Publication Version Representation Form

(For official use only)

Name of the Local Plan to which this representation relates:

Local Plan 2031 Part 2

Please return by 5pm on Wednesday 22 November 2017 to: Planning Policy, Vale of White Horse District Council, 135 Eastern Avenue, Milton Park, Milton, Abingdon, OX14 4SB or email planning.policy@whitehorsedc.gov.uk

This form has two parts:

Part A – Personal Details

Part B – Your representation(s). Please fill in a separate sheet for each representation you wish to make.

Part A

1. Personal Details*		2. Agent's Details (if applicable)
*If an agent is appointed, please complet boxes below but complete the full contact		
Title	Mr	Mr
First Name	James	Simon
Last Name	Blanchard	Handy
Job Title (where relevant)		Associate
Organisation representing (where relevant)	Blanchard Enterprises	Strutt & Parker
Address Line 1		269 Banbury Road
Address Line 2		
Address Line 3		
Postal Town		Oxford
Post Code		OX2 7LL
Telephone Number		01865 366673
Email Address		Simon.c.handy@gmail.com

Sharing your details: please see page 3



Ref:

Vale of White Horse

Part B – Please use a separate sheet for each representation

Name or organisation:

5	
3. To which part of the Local Plan does this	representation relate?
Paragraph Policy 4a and 8a	Policies Map
4. Do you consider the Local Plan is: (Please	tick as appropriate)
4. (1) Legally compliant	Yes 🗸 No
4. (2) Sound	Yes No 🗸
4. (3) Compiles with the Duty to Cooperate	Yes 🗸 No
 5. Please provide details of why you conside or is unsound or fails to comply with the Duty possible. If you wish to support the legal compliance o compliance with the Duty to Cooperate, please comments. 	r to Cooperate. Please be as precise as r soundness of the Local Plan or its se also use this box to set out your
Strutt & Parker acts on behalf of Blanchard Enter Southmoor (identified as site 'KBAG11' in the H Assessment (HELAA)). We previously responded behalf of Blanchard Enterprises and promoted the This current representation relates to the Publicat 2031 Part 2, but also continues the promotion of o	ousing and Economic Land Availability d to the Preferred Options consultation on e land in Southmoor as part of this process. ion Version of the emerging Local Plan
We are broadly supportive of Core Policy 4a (Me how the Council will address housing needs arisin Area, expressly the quantum of unmet housing nee the Vale of White Horse of 2,200 homes. We are unmet housing need through either strategic or ad Thames and Oxford Fringe Sub-Area, which our concerns relate to the deliverability of the additio and 8a (Additional Site Allocations for Abingdom and, as a result, whether the overall quantum of d sufficient to meet the identified need during the p	ng from elsewhere in the Housing Market eed for Oxford City to be addressed within also supportive of the strategy to meet this lditional sites within the Abingdon-on- client's site falls within. However, our nal allocations identified in Core Policies 4a a-on-Thames and Oxford Fringe Sub-Area) evelopment proposed in this Sub-Area is
The Council's preferred allocation for the settlem is located to the east of the village and has been id draft allocation may deliver some new infrastruct	dentified for 600 new homes. While this

draft allocation may deliver some new infrastructure for the settlement, it will be reliant on the A415 being re-routed to the eastern edge of the development to effectively create a bypass around the settlement. While there could be merit in this new bypass, it is apparent that the cost and construction period of this re-routed road will be significant, which could potentially delay or jeopardise the delivery of the new housing and associated infrastructure. In other words, the projected delivery of 200 dwellings in the next 5 years and the remaining 400 dwellings in the 6-15 year window could be overly optimistic. The estimated cost of the link road within this draft allocation has not been specified within the Infrastructure Delivery Plan produced by Arup on behalf of the Council, presumably as the full cost is expected to be met by the land promoter or future developer(s) of the site. Nevertheless, it is safe to assume that the cost will be in the millions of pounds. Should any unexpected technical or environmental constraints, for example, additional biodiversity mitigation costs, be discovered further down the line during the promotion or development of this site, then the viability of providing the new link road could become a significant factor in whether the site is fully developed or, at the very least, delivers the number of homes currently anticipated, particularly affordable homes.

The additional allocation for 1,200 new homes at the Dalton Barracks is also a significant sized development that could experience delays in delivery. The allocation is tantamount to a new sustainable settlement, which by definition will have a large number of infrastructure requirements. The delivery of such infrastructure is often delayed on sites of this scale, which means the delivery of new homes and the associated community facilities will also be pushed back. The relocation of any existing occupiers displaced by the development of the former Barracks could also be an issue.

Any slippage or delay in the delivery of the additional allocations identified in the Local Plan Part 2, most notably the large sites at Kingston Bagpuize and Dalton Barracks, will have a considerable effect on the Council's housing trajectory, which in turn will jeopardise the Council's housing land supply and present the opportunity for speculative developments to be brought forward, contrary to the Council's spatial strategy. Moreover, any delays in the delivery of these additional allocations will harm Oxford City Council as its unmet housing need will persist.

In our view, the Council is overly reliant on the large scale allocations in the Abingdon-on-Thames and Oxford Fringe Sub-Area and has not given enough consideration to the implications of any slippage in the delivery of these sites. It is therefore submitted that the Local Plan Part 2 is unsound in its current form as robust and credible evidence has not been presented to confirm that these additional allocations will deliver the projected level of housing need during the plan period. In other words, the emerging Plan may not be deliverable. Furthermore, it is considered that the emerging Plan does not incorporate a sufficient degree of flexibility to compensate or mitigate against any changing circumstances across the district and, specifically, delays in the delivery of infrastructure and/or the new housing on the current allocations.

It is therefore considered that Core Policies 4a and 8a are not sound and require modification prior to the submission of the Local Plan for examination.

(Continue on page 4 /expand box if necessary)

6. Please set out what modification(s) you consider necessary to make the Local Plan legally compliant or sound, having regard to the matter you have identified at 5 above. (NB Please note that any non-compliance with the duty to cooperate is incapable of modification at examination). You will need to say why this modification will make the Local Plan legally compliant or sound. It will be helpful if you are able to put forward your suggested revised wording of any policy or text. Please be as precise as possible.

Based on our comments above, we believe that the current allocation to the east of Kingston Bagpuize with Southmoor could potentially encounter significant issues with regard to viability and delivery and, therefore, we feel our client's land to the south of Spring Hill (at the western end of Southmoor) is a more suitable allocation.

The Housing and Economic Land Availability Assessment (HELAA) that has been prepared as part of the evidence base for the Local Plan Part 2 identifies our client's site off Spring Hill as 'KBAG11'. The HELAA confirms that the site is suitable in principle for development and is not affected by any fundamental constraints, such as a risk of flooding or special landscape designations. It is also apparent that the site is a significant distance from any heritage constraints, including the Kingston Bagpuize Conservation Area at the eastern end of the settlement and near to the draft allocation for 600 homes. The HELAA also acknowledges that the site south of Spring Hill is available and that it could deliver around 200 dwellings in the next five years and a further 200 in 6-15 years. We support this assessment.

The Sustainability Appraisal (SA, September 2017) for the Local Plan Part 2 highlights the biodiversity constraints associated with the land east of Kingston Bagpuize stating that "*The eastern site is constrained, to some extent, by Appleton Lower Common SSSI and Frilford Heath, Ponds and Fens SSSI, which are within c.2km; and the adjacent Millennium Green is associated with a population of Great Crested Newts*". These constraints could also impact the delivery of new homes in this location.

The Sustainability Appraisal comments that our client's land at the western end of Southmoor would be more distant from the village centre than the draft eastern allocation, although we disagree and consider that the land south of Spring Hill is actually well-located in relation to the settlement's existing services and facilities and the strategic highway network. While the development of land south of Spring Hill would not lead to the delivery of a link road to the east of Kingston Bagpuize, it could be argued that this link road would be unnecessary if the current draft allocation for 600 homes was omitted or replaced. The existing commitments elsewhere in the settlement are being delivered or have already been completed without the need for a new link road and, therefore, it is assumed that the current and projected traffic levels along the A415 are acceptable should the 600 home allocation not be taken forward.

The delivery of new homes on land south of Spring Hill, and potentially on land north of Spring Hill as well, would not require a large scale link road and therefore would not be reliant on the same level of infrastructure. Further transport analysis has been undertaken since our representation to the Preferred Options consultation was submitted to understand the impact of development on our client's land on the surrounding highway network, particularly the junction onto the A420 to the north-west of the site which has been the location of past accidents. A Transport Impact Assessment Report (TIAR) has been prepared by Paul Basham Associates, which builds upon the Land Promotion Transport Report (LPTR) that the consultancy previously prepared, and has been submitted alongside this representation.

Traffic surveys were undertaken to inform the design of high level options for improving the junction onto the A420. It was assumed that the proposed site to the south of Spring Hill will come forward and be fully operational by 2027 along with other local developments and therefore 2027 was chosen as the future year of assessment. The impact of two scenarios was investigated:

• Scenario 1: 2027 Baseline with Committed developments + 300 units on the site South of Spring Hill; and

• Scenario 2: 2027 Baseline with Committed developments + 480 units on the site South of Spring Hill + 240 units on the site North of Spring Hill (to consider the potential development of this adjacent site in conjunction with our client's).

Scenario 1 resulted in a 2% increase in total traffic travelling through the junction in each of the morning and afternoon peaks whereas scenario 2 resulted in a 7% increase.

Scenario 2 assessed the "worst-case" impact of a total of 720 homes being developed across both the north and south sites on Spring Hill (this corresponds with the capacity assessment provided in the Council's Site Selection topic paper). The maximum increase of trips on a single manoeuvre was shown to be from Charney Road onto the A420 eastbound (towards Oxford), and totalled 115 trips in the AM Peak which equates to an 85% increase when compared to the 20 trips in the '2027 Baseline with Committed Developments' diagram.

Regardless of the amount of additional traffic that would travel through the junction two possible options have been proposed which would slow traffic along the A420 and manage turning vehicles through this junction and therefore improve safety. These two high level options (i.e. potential solutions that may be appropriate depending on the actual quantum and design of development on one or both of the sites off Spring Hill) are shown in Appendix G of the TIAR. The first of these options is a gyratory/elongated roundabout, while the second option is a signalised staggered junction. Paul Basham Associates are confident that these potential solutions are feasible in transport terms and would provide a lower speed and safer junction. The allocation of the sites either side of Spring Hill, or even our client's site in isolation, should not therefore be discounted on grounds of highway safety. More detailed technical work would of course be undertaken to support any planning submission in the future to fully demonstrate the acceptability of the proposals.

If the Council or the examining Inspector were minded to allocate land west of Southmoor rather than the current allocation to the east of Kingston Bagpuize, then we are of the opinion that a new primary school could form part of the proposals as the scale of development would be sufficient to support such infrastructure. This would therefore overcome one of the other criticisms of the site raised in the Sustainability Appraisal.

Further ecology activity surveys have also been undertaken since our Preferred Options representation was submitted and this confirms that bats and reptiles within and surrounding the site would not be adversely affected by any residential development subject to suitable biodiversity mitigation and enhancement measures being incorporated.

On the basis of the above, it is submitted that our client's land to the south of Spring Hill (potentially alongside the adjacent land to the north) is a more suitable location for the delivery of new housing in this settlement than the current draft allocation. Core Policies 4a and 8a could be modified to incorporate this suggested alternative allocation, particularly as the Local Plan Part 2 evidence base exists to support the allocation of our client's land without further consultation being required.

Alternatively, if the current draft allocation of 600 homes to the east of Kingston Bagpuize remains part of the emerging Local Plan Part 2, then we are of the opinion that reserve sites could be identified and incorporated into Core Policies 4a and 8a to act as a contingency should there be any slippage in the delivery of the identified allocations during the plan period, particularly at Dalton Barracks. At present, the Council has given little weight to the adverse effects that any delay in housing delivery would have on their trajectory and overall spatial strategy and, therefore, it is considered that the identification of reserve sites could be a highly suitable and deliverable site should reserve sites be deemed appropriate.

(Continue on page 4 /expand box if necessary)

Please note your representation should cover succinctly all the information, evidence and supporting information necessary to support/justify the representation and the suggested modification, as there will not normally be a subsequent opportunity to make further representations based on the original representation at publication stage.

After this stage, further submissions will be only at the request of the Inspector, based on the matters and issues he/she identifies for examination.

7. If your representation is seeking a modification, do you consider it necessary to participate at the oral part of the examination?



No, I do not wish to participate at the oral examination



Yes, I wish to participate at the oral examination

8. If you wish to participate at the oral part of the examination, please outline why you consider this to be necessary:

To provide further detail and background information regarding the shortcomings of Core Policies 4a and 8a and to discuss the merits of our client's land and the justification for its allocation.

Please note the Inspector will determine the most appropriate procedure to hear those who have indicated that they wish to participate at the oral part of the examination.

Signature:

Date:	22/11/2017

Sharing your personal details

Please be aware that, due to the process of having an Independent Examination, a name and means of contact is required for your representation to be considered. Respondent details and representations will be forwarded to the Inspector carrying out the examination of the Local Plan after the Publicity Period has ended. This data will be managed by a Programme Officer who acts as the point of contact between the council and the Inspector and respondents and the Inspector. **Representations cannot be treated as confidential and will be published on our website alongside your name.** If you are responding as an individual rather than a company or organisation, we will not publish your contact details (email / postal address and telephone numbers) or signatures online, however the original representations are available for public viewing at our council office by prior appointment. All representations and related documents will be held by Vale of White Horse District Council for a period of 6 months after the Local Plan is adopted.

Would you like to hear from us in the future?

I would like to be kept informed about the progress of the Local Plan	\checkmark
I would like to be added to the database to receive general planning updates	~
Please do not contact me again	

Further comment: Please use this space to provide further comment on the relevant questions in this form. You must state which question your comment relates to.

Alternative formats of this form are available on request. Please contact our customer service team on 01235 422600 (Text phone users add 18001 before you dial) or email planning.policy@whitehorsedc.gov.uk

Please return this form by 5pm on Wednesday 22 November 2017 to: Planning Policy, Vale of White Horse District Council, 135 Eastern Avenue, Milton Park, Milton, Abingdon, OX14 4SB or email planning.policy@whitehorsedc.gov.uk

SPRING HILL, SOUTHMOOR

TRANSPORT IMPACT ASSESSMENT REPORT

November 2017

Blanchard Enterprises

RESIDENTIAL DEVELOPMENT LAND OFF SPRING HILL SOUTHMOOR

TRANSPORT IMPACT ASSESSMENT

CONTROLLED DOCUMENT

PB-Associates Document No:		512.0004/TIAR/2				
Status:	Final			Сору No:		
	Na		me	Sigi	nature	Date
Prepared by:		Laura I	Flitney		November 20:	
Checked:		Vicky Th	ompson		November 20:	
PBA Approved: James		Rand			November 2017	

Revision Record						
Rev.	Date	Ву	Summary of Changes	Chkd	Aprvd	
2	22.11.17	LF	Project team comments	VT	JR	



Paul Basham Associates Ltd Cranbrook House 287-291 Banbury Road Oxford Oxfordshire OX2 7JQ

Blanchard Enterprises The Old Stables New House Farm Hanney Road Abingdon OX13 5HR

RESIDENTIAL DEVELOPMENT SPRING HILL SOUTHMOOR

TRANSPORT IMPACT ASSESSMENT REPORT

Contents

1.	INTRODUCTION	. 3
2.	EXISTING CONDITIONS	. 4
3.	PROPOSED DEVELOPMENT	. 7
4.	BASELINE TRAFFIC FLOWS AND COMMITTED DEVELOPMENTS	. 9
5.	POSSIBLE JUNCTION IMPROVEMENTS	18
6.	SUMMARY & CONCLUSIONS	19

Figures

Figure 1: Site locations
Figure 2: Committed Developments and Proposed Sites
Figure 3: 2017 Baseline Turning Counts
Figure 4: Local PIA Data (2012-2016). Retrieved from www.crashmap.com
Figure 5: Proposed Access Locations

Tables

Table 1: Tempro Growth Factors Table 2: Trip Generation for Site 1 (TRICS) Table 3: Trip Generation for Site 2 Table 4: Trip Generation for Site 3 Table 5: Trip Generation for Site 4 Table 6: Trip Generation for Site 5 Table 7: Trip Generation for Site 6 Table 8: Trip Generation for Site 7 Table 9: Trip Generation for Site 8 Table 10: Trip Generation for Site 9 Table 11: Proposed Development Trip Generation (TRICS v.7.4.1) Table 12: North of Spring Hill Trip Generation Table 13: Census travel to work data for Kingston Bagpuize Table 14: Trip Allocation to each arm of the local road network Table 15: % Increase on Local Road Network



Appendices

Appendix A: ATC Speed Survey Results

Appendix B: A420 Staggered Junction Turning Counts

Appendix C: Illustrative Masterplan

Appendix D: Visibility Splays

Appendix E: Full TRICS Data

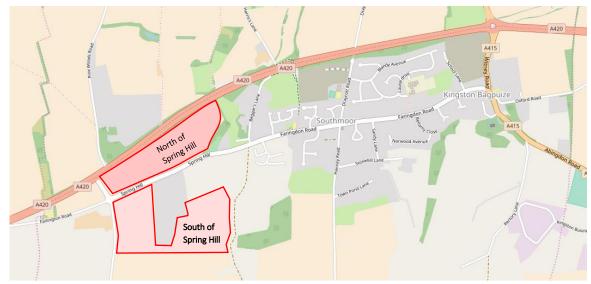
Appendix F: Traffic Flow Diagrams

Appendix G: Proposed A420 Junction Options



1. INTRODUCTION

- 1.1 This Traffic Impact Assessment Report (TIAR) has been prepared by Paul Basham Associates (PBA) on behalf of Blanchard Enterprises in order to assess the transport impact of a residential development of at least 300 dwellings at Land South of Spring Hill, Southmoor on the local road network.
- 1.2 This TIAR builds upon the Land Promotion Transport Report (LPTR) supporting the inclusion of the site to the south of Spring Hill in the Vale of White Horse District Council's Local Plan Part 2 (Detailed Policies and Additional Sites). This was also prepared by Paul Basham Associates.
- 1.3 The supporting evidence associated with the publication version of the Local Plan Part 2 includes a document, "Topic Paper 2: site selection." The site, in combination with land north of Spring Hill, was considered for inclusion for up to 720 dwellings. A planning application (ref: P16/V2568/O) was submitted and subsequently withdrawn for 180 dwellings on Land north of Spring Hill.
- 1.4 The majority of traffic to/from these two sites will route onto the A420 via the junction with Charney Road and Pine Woods Road and Vale of White Horse highlighted safety concerns with this junction, suggesting that a new solution would be needed. This assessment therefore focuses on this junction. In order to understand the full impact of these two sites, a worst-case scenario has been considered if they both came forward in addition to committed developments in the local area. The assessment therefore includes a proposed development of circa 300 homes south of Spring Hill (Scenario 1) and both sites totalling 720 homes (Scenario 2).



1.5 The proposed site locations, south and north of Spring Hill, are demonstrated in **Figure 1**.

Figure 1: Site locations

Spring Hill, Southmoor Transport Impact Assessment Report Paul Basham Associates Ltd *Report No 512.0004/TIAR/2*



2. EXISTING CONDITIONS

Site and Surroundings

- 2.1 The proposed sites are located on the western edge of Southmoor adjacent to existing and recently consented residential developments, 550m from the local pub and 750m from the local shop. Southmoor is situated next to Kingston Bagpuize, to the south of the A420, approximately 8km west of Abingdon, 12km east of Faringdon and 14km southwest of Oxford.
- 2.2 The southern site currently consists of several agricultural fields bordered by Spring Hill and residential dwellings to the north, further agricultural land to the south and Charney Road bordering the site to the west. Planning consent has been granted for 43 residential dwellings (planning application ref. P15/V0251/O) on land directly northeast of the site. Planning consent has also been granted for 25 residential dwellings (planning application ref. P16/V0234/O) east of Bullockspits Lane. Further agricultural land exists west of Charney Road.
- 2.3 The northern site also currently consists of agricultural land and is bordered by Spring Hill to the south, Charney Road to the west, the A420 dual carriageway to the north and Beggars Lane to the east. The sites and their relation to the adjacent developments are shown in **Figure 2**.

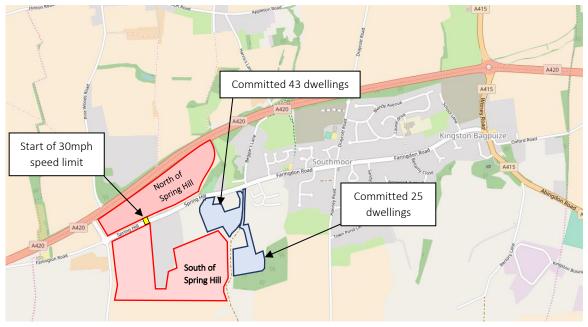


Figure 2: Committed Developments and Proposed Sites

Access & Local Highway Network

2.4 The southern site is currently accessed via Charney Road approximately 70m south of the Farlington Road roundabout. The northern site is currently accessed via Spring Hill.

Spring Hill, Southmoor Transport Impact Assessment Report Paul Basham Associates Ltd *Report No 512.0004/TIAR/2*



- 2.5 Spring Hill is a single carriageway road and is subject to a 60mph speed limit stretching from the Farlington Road roundabout 200m east. At this point, Spring Hill converts to a 30mph road heading east towards Kingston Bagpuize as shown in **Figure 2**.
- 2.6 To better understand the existing situation, traffic counts have been undertaken on Spring Hill and more recently also at the junction onto the A420 to capture all turning movements.
- 2.7 An Automatic Traffic Count (ATC) speed survey was carried out on Spring Hill between Tuesday 4th April 2017 and Thursday 6th April 2017. The results showed 85th percentile speeds at 35.1mph eastbound and 38mph westbound. The data is provided in **Appendix A**.
- 2.8 Junction turning counts were undertaken at the staggered junction of Charney Road | A420 | Pine Woods Road on Thursday 2nd November 2017 at two separate intervals to cover the AM (07:00-10:00) and PM (16:00-19:00) peak periods. The data shows that the busiest periods were 07:15-08:15 and 16:30-17:30, which have been used in this assessment as a worst case. The data indicates that, as expected, the majority (90-95%) of A420 traffic at the staggered junction continues straight (westbound or eastbound) along the A420 a total volume of traffic of 2,319 vehicles in the AM peak and 2,209 vehicles in the PM peak as shown in **Figure 3**. The survey data is provided in **Appendix B**.

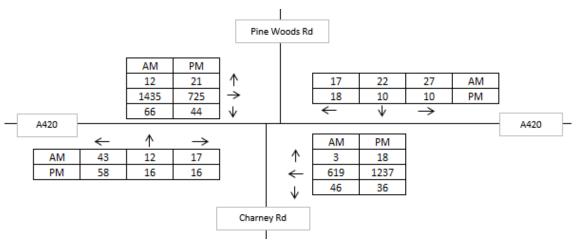


Figure 3: 2017 Baseline Turning Counts

PIA Data

2.9 Analysis of Personal Injury Accident (PIA) data between January 2012 and December 2016 reveals no incidents occurring along Spring Hill and a low recurrence of comparable types of incident at the staggered A420 junction to the northwest of the sites. The PIA data is demonstrated in **Figure 4**.





Figure 4: Local PIA Data (2012-2016). Retrieved from www.crashmap.com

- 2.10 The PIA data indicates that the junction between the A420 and Charney Road has experienced 3 incidents over the 5-year period between 2012 and 2016 including one fatal and one serious accident. The fatal accident occurred in April 2014 which involved a car traveling westbound along the A420 hitting a pedal cyclist on their offside. This accident did not involve a right-turning manoeuvre. The serious accident occurred between a car and a motorbike and both vehicles were reported as "proceeding normally along the carriageway, not on a bend".
- 2.11 The PIA data indicates that the junction between the A420 and the A415 has experienced a cluster of 8 incidents over the 5-year period between 2012 and 2016 including two serious accidents. The first occurred in May 2012 between a car and a motorbike and the motorbike rider suffered serious injuries. The second occurred in April 2015 between a car and a cyclist and the cyclist suffered serious injuries.

Page | 6



3. PROPOSED DEVELOPMENT

Southern Site

3.1 The southern site could accommodate at least 300 dwellings with primary and secondary access from Spring Hill as shown within **Figure 5** and an illustrative masterplan in **Appendix C**. The proposed primary access will be located approximately 80m east of the Farlington Road roundabout with the secondary access a further 400m east of this.

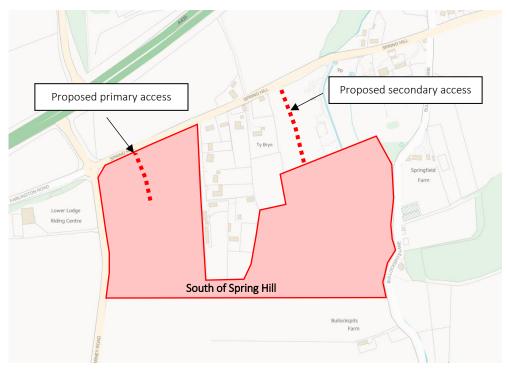


Figure 5: Proposed Access Locations

- 3.2 In accordance with the ATC speed survey results, the proposed primary access will be able to achieve the required clear visibility splays of 2.4m x 94.2m in the primary direction and 2.4m x 84m in the secondary direction. The alignment of the road and extent of land under the promoters control ensures visibility splays of 2.4m x 215m are also achievable in accordance with DMRB standards for a 60mph road.
- 3.3 The secondary access will also be able to achieve clear visibility splays in accordance with the ATC speed survey results and the speeds are likely to be lower as the access sits further into the 30mph speed limit. The ATC speed survey results are included within Appendix A with the visibility splays for both accesses demonstrated within Appendix D.



3.4 As part of the proposed development, it is anticipated that the 30mph speed limit could be extended beyond the site access to the Farlington Road roundabout and that vehicles could therefore be travelling at lower speeds along the full extent of Spring Hill.

Northern Site

3.5 As per the Transport Assessment submitted as part of the now withdrawn planning application [ref: P16/V2568/O], vehicular access to the site is anticipated to be from Spring Hill. Access has to be provided in the form of two simple priority junctions located approximately 265m and 440m to the East of the Spring Hill/Charney Road roundabout as illustrated within **Figure 6**. The minimum required visibility splays were evaluated by others as achievable for both accesses.

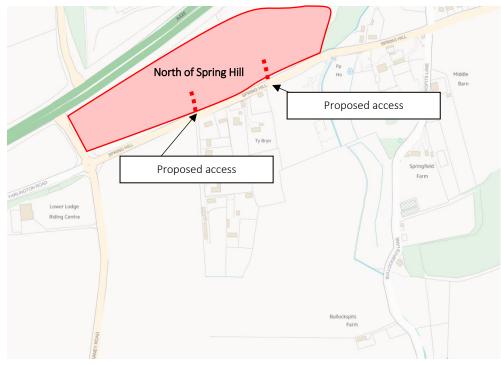


Figure 6: Northern Site Proposed Access Locations



4. BASELINE TRAFFIC FLOWS AND COMMITTED DEVELOPMENTS

2027 Baseline

4.1 Analysis of the traffic impact has been undertaken for 2027, the assumed year of full occupation of all developments. To factor up the base 2017 AM and PM peak traffic data to the required assessment year, TEMPRO growth factors for the area have been applied. The growth factors applied are given in Table 1.

Period	Growth Factor			
Period	AM Peak	PM Peak		
2017 - 2027	1.112 1.1113			

Table 1: Tempro Growth Factors

4.2 The resultant 2027 baseline flows at the A420 staggered junction are provided in Appendix F.

Committed developments

- 4.3 There are a number of developments in and around Kingston Bagpuize and Southmoor that are either already built, have planning permission or are allocated for development within the Local Plan as shown in Figure 7 below. Each of these has been included as committed developments within the traffic flow diagrams as a worst-case scenario, even though a number of these schemes may have been occupied and the trips associated with them picked up by the turning counts.
- 4.4 The majority of the sites shown in **Figure 7** are reliant upon access to the surrounding local road network through the centre of Kingston Bagpuize and via the A415/A420 roundabout to the north. The following section outlines the trip generation for each of the developments which have been sourced from their individual Transport Assessments/Statements where possible.



Figure 7: Local Developments

Spring Hill, Southmoor Transport Impact Assessment Report Page | 10

Paul Basham Associates Ltd *Report No 512.0004/TIAR/2*



4.5 The exception to this is 'site 1' considered in Figure 7, where an assessment is not yet publicly available. As such trip rates sourced from TRICS (V 7.4.1) database have been applied by using the following selection criteria; 'residential house privately owned', locations in suburban and edge of town areas in England and Wales (excluding London), parameters of 50-600 units and only weekday surveys.

	AM Peak (0800-0900)			PM Peak (1700-1800)			Total
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips
Trip rate value per 1 dwelling	0.112	0.344	0.456	0.310	0.163	0.723	4.231
Trip generation for 600 units	62	206	268	186	98	284	2539

1. Land east of Kingston Bagpuize - 600 dwellings;

 Table 2: Trip Generation for Site 1 (TRICS)

2. Land south of A420 and east of A415 (ref. P15/V1808/O) - 280 dwellings;

	AM Peak (0800-0900)			PM Peak (1700-1800)			Total
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips
Trip rate value per 1 open market unit	0.148	0.414	0.562	0.376	0.213	0.589	5.125
Trip generation for 182 units	27	75	102	68	39	107	933
Trip rate value per 1 affordable unit	0.133	0.244	0.377	0.248	0.178	0.426	3.554
Trip generation for 98 units	13	24	37	24	17	42	348
Total	40	99	139	92	56	149	1281

 Table 3: Trip Generation for Site 2

3. Land off Draycott Road (ref. P12/V2653/FUL) - 98 residential dwellings;

	AM Peak (0800-0900)			PM Peak (1700-1800)			Total
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips
Trip rate value per 1 dwelling	0.513	0.414	0.567	0.396	0.238	0.634	5.398
Trip generation for 98 units	15	41	56	39	23	62	529

 Table 4: Trip Generation for Site 3



4. Land west of Witney Road (ref. P12/V1836/O) - 63 dwellings and 45 extra care units;

	AM	Peak (0800-0900)		PM P	eak (1700-1800))	Total
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips
Trip rate value per 1 dwelling	0.2	0.5	0.7	0.525	0.228	0.753	4.737
Trip generation for 63 units	13	32	45	33	14	47	298
Trip rate value per 1 extra care unit	0.222	0.111	0.333	0.111	0.111	0.222	2.876
Trip generation for 45 units	10	5	15	5	5	10	129
Total	23	23 37		38	19	57	427

Table 5: Trip Generation for Site 4

5. Land off Field Close (ref. P15/V1795/FUL) - 73 dwellings;

	AM	Peak (0800-0900)	ĺ	PM P	PM Peak (1700-1800)						
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips				
Trip rate value per 1 dwelling	0.068	0.239	0.307	0.292	0.155	0.447	4.082				
Trip generation for 73 units	5	17	22	21	11	33	298				

Table 6: Trip Generation for Site 5

6. Land south of Faringdon Road (ref. P12/V1302/O) - 50 dwellings;

	AM	Peak (0800-0900)		PM P	Total		
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips
Trip rate value per 1 dwelling	0.153	0.414	0.567	0.396	0.238	0.634	5.38
Trip generation for 50 units	8	21 29		20	12	32	269

Table 7: Trip Generation for Site 6

7. Land at Fallowfields (ref. P15/V0251/O) - 43 dwellings;

	AM	Peak (0800-0900)		PM P	Total		
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips
Trip rate value per 1 dwelling	0.146	0.415 0.50		0.368	0.212	0.580	4.975
Trip generation for 43 units	6	18	24	16	9	25	214

Table 8: Trip Generation for Site 7



8. Sports Ground and Pavilion (ref. P13/V182/FUL) - 30 dwellings and replacement sports pavilion;

	AM	Peak (0800-0900)		PM P	Total		
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips
Trip rate value per 1 dwelling	0.166	0.435 0.601		0.419	0.265	0.684	5.844
Trip generation for 30 units	5	13	18	13	8	21	175

 Table 9: Trip Generation for Site 8

4.6 As the consented sports pavilion is replacing an existing facility the trips generated by this part of the development has not been considered in the trip assessment.

9. Springfield Farm, Bullockspit Lane (ref. P16/V0234/O) - 25 dwellings; and

	AM	Peak (0800-0900)		PM F	PM Peak (1700-1800)						
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips				
Trip rate value per 1 dwelling	0.181	0.410 0.591		0.387	0.200	0.587	5.278				
Trip generation for 25 units	5	10	10 15		5	15	132				

Table 10: Trip Generation for Site 9

10. Land off Beggars Lane (ref. P13/V0799/FUL) - 4 dwellings.

4.7 Whilst this development has been recognised within this report it has not been included in the traffic impact assessment due to its size which is anticipated to have a negligible effect on the local road network.

Trip Generation and Distribution

- 4.8 The following section provides the trip generation, distribution and assignment of trips on the local road network for each of the proposed sites. Scenario 1 considers the impact of the proposed 300 homes on the site to the south of Spring Hill alongside committed developments.
- 4.9 Scenario 2 considers a total of 720 dwellings across the two sites as assessed by Vale of White Horse in LPP2. No distinction was made between the two sites but Scenario 2 considers an increased development density of each site so that the site to the north of Spring Hill would provide 240 homes and the site to the south of Spring Hill will provide 480 homes.



South of Spring Hill

4.10 The TRICS (V 7.4.1) database has been consulted to provide an indication of the likely traffic generation of the proposed site providing 300 dwellings. Surveys of 'residential house privately owned' have been selected using locations in suburban and edge of town areas in England and Wales (excluding London). Chosen parameters of 50-400 units have been set and only using surveys undertaken on weekdays. The full TRICS outputs are available in **Appendix D** with the trip generation summarised in **Table 11**.

	AM	Peak (0800-0900)		PM P	PM Peak (1700-1800)							
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips					
Trip rate value per 1 dwelling	0.140	0.359	0.499	0.334	0.161	0.495	4.336					
Trip generation for 300 units	42	108	150	100	49	149	1301					
Trip generation for 480 units	67	173	240	161	77	238	2081					

 Table 11: Proposed Development Trip Generation (TRICS v.7.4.1)

- 4.11 The trip rate assessment indicates that the proposed development of 300 homes would generate 150 vehicle trips in the AM peak (0800-0900hrs) and 149 vehicle trips in the PM peak (1700-1800hrs) which equates to 5 trips every two minutes over the AM and PM peak hours.
- 4.12 The assessment in **Table 11** also provides the trips generated by a development of 480 dwellings to the south of Spring Hill as a worst case as part of scenario 2.
- 4.13 The trip generation outlined in **Table 11** represents a robust worst-case analysis where all housing units have been treated as 'Private Houses'. The site layout would likely include a mix of affordable and private units, along with potential for bungalows and a small number of flats. Therefore, the trip generation is likely to be lower than that outlined above.

North of Spring Hill

4.14 The trip generation (based on TRICS) was calculated for the site on Land North of Spring Hill as part of the TA submitted as part of the now withdrawn planning application (P16/V2568/O). This output is shown in Table 12 based on the 180 homes that formed the planning application and also for the increased density of 240 homes for the purpose of Scenario 2 in this assessment.



	AM	Peak (0800-0900)		PM P	Total		
TRICS 7.4.1	Arrivals	Departures	Total	Arrivals	Departures	Total	Daily Trips
Trip rate value per 1 dwelling	0.158	0.358	0.516	0.300	0.206	0.506	4.454
Trip generation for 180 units	28	65	93 54		37	91	802
Trip generation for 240 units	38	86 124		72	49	121	1069

 Table 12: North of Spring Hill Trip Generation

4.15 This trip assessment indicates that a 240-unit site would generate a total of 124 vehicle trips in the AM peak (0800-0900hrs) and 121 vehicle trips in the PM peak (1700-1800hrs) which equates to approximately 2 trips every minute during the AM and PM peak hours.

Trip Distribution

4.16 Having gathered the trip generation for each of the consented developments being considered, the 2011 Census travel to work data for Kingston Bagpuize has been reviewed in order to assess the likely trip distribution from these developments to destinations in the surrounding area. A breakdown of distribution by destination (Middle Layer Super Output Area) and the percentage of Kingston Bagpuize and Southmoor residents that commute to each destination is provided in **Table 13**.

Destination	Percentage
Oxford	27.6%
Vale of White Horse 007 - Kingston Bagpuize	14.5%
Vale of White Horse 006 - Abingdon	9.4%
South Oxfordshire	8.2%
Vale of White Horse 015 - Chiltern/Harwell	7.1%
West Oxfordshire	7.1%
Vale of White Horse 003 - Marcham/Wooton	4.4%
Cherwell - Banbury/Bicester	3.7%
Vale of White Horse 010 - Drayton	3.1%
Vale of White Horse 016 - Childrey	3.1%
Vale of White Horse 002	2.6%
Vale of White Horse 009	2.4%
Vale of White Horse 001	1.7%
Vale of White Horse 008	1.6%
Vale of White Horse 014	1.3%
Vale of White Horse 011	1.1%
Vale of White Horse 005	0.8%
Vale of White Horse 004	0.2%
TOTAL	100%

Table 13: Census travel to work data for Kingston Bagpuize

Paul Basham Associates Ltd *Report No 512.0004/TIAR/2*



4.17 The above distribution was applied to each site and the most likely route taken to reach each destination was determined, in order to provide the split of new trips travelling along each arm of the local road network as shown in **Table 14**. This was combined with the trip generation for each site to calculate the number of trips that committed developments would generate through the study area, as shown in **Appendix E**.

Site	Kingston Bagpuize	A415 south	A415 north	A420 east	A420 west	Charney Rd
Proposed site (South of Spring Hill)	14.5%	34.8%	7.1%	35.6%	2.4%	5.6%
Opposite site (North of Spring Hill)	14.5%	34.8%	7.1%	35.6%	2.4%	5.6%
1. East of Kingston Bagpuize	14.5%	40.4%	7.1%	35.6%	2.4%	0.0%
2. South of A420 and east of A415	14.5%	37.3%	7.1%	35.6%	5.5%	3.1%
3. Land off Draycott Rd	17.0%	34.8%	7.1%	35.6%	2.4%	3.1%
4. West of Witney Rd	14.5%	37.3%	7.1%	35.6%	5.5%	3.1%
5. Land off Field Close	56.4%	34.8%	7.1%	35.6%	2.4%	5.6%
6. South of Faringdon Rd	56.4%	34.8%	7.1%	35.6%	2.4%	5.6%
7. Land at Fallowfields	56.4%	34.8%	7.1%	35.6%	2.4%	5.6%
8. Sports ground and pavilion	14.5%	40.4%	7.1%	35.6%	2.4%	0.0%
9. Springfield Farm	56.4	26.6%	7.1%	35.6%	2.4%	5.6%

 Table 14: Trip Allocation to each arm of the local road network

N.B. Some trips were allocated to more than one arm of the defined local road network so that the sum of percentages for each site does not always total 100%.

2027 Baseline + Committed Developments + Proposed Developments

- 4.18 Traffic flow diagrams illustrating the 2027 baseline with committed developments and the impact of Scenarios 1 and 2 are provided in **Appendix F**.
- 4.19 These diagrams show that Scenario 1 will have a relatively marginal impact on the A420 staggered junction with an overall 2% increase in traffic flows in the AM and PM peaks respectively as per Table 15. There is a maximum increase of 38 trips on a single manoeuvre, from Charney Road onto the A420 eastbound in the AM Peak. With the exception of Charney Road movements, the impact of Scenario 1 on all other manoeuvres (i.e. the A420 flows) is marginal.

	АМ	РМ
2027 + Committed Development	2600	2478
S1	2657 (2%)	2534 (2%)
S2	2777 (7%)	2660 (7%)

Table 15: % Increase on Local Road Network

Spring Hill, Southmoor Transport Impact Assessment Report Paul Basham Associates Ltd Report No 512.0004/TIAR/2



4.20 Scenario 2 considers the addition of 720 homes across both sites either side of Spring Hill. The impact on the A420 staggered junction is more significant as shown in **Appendix F** with an overall 7% increase in traffic flows in each of the peak periods as per **Table 15**. The maximum increase of trips on a single manoeuvre, from Charney Road onto the A420 eastbound, is 115 trips in the AM Peak.

Paul Basham Associates Ltd Report No 512.0004/TIAR/2



5. POSSIBLE JUNCTION IMPROVEMENTS

- 5.1 Regardless of the amount of additional traffic anticipated to use the A420 | Charney Road | Pinewoods Road, existing safety concerns have been raised by Vale of White Horse. Possible junction improvements have therefore been considered that could increase capacity but also resolve existing safety concerns. These have been informed by a design to manage vehicle speeds on the A420, and have been undertaken as high-level feasibility studies. Further, more detailed technical assessments would be undertaken to support any planning submission.
- 5.2 The staggered junction could be improved to better manage traffic speeds, slowing vehicles along the A420 and minimising the risk of accidents. Two possible options for the improved A420 junction are the introduction of an elongated roundabout, or the introduction of traffic signals as shown in the drawings in **Appendix G**.
- 5.3 Due to the separation distance between Charney Road to the south and Pine Woods Road to the north, a conventional circular roundabout would likely be ineffective in controlling vehicle speeds. The proposed roundabout has therefore been designed to increase vehicle deflection in a gyratory arrangement. This proposed shape also appears to be achievable within the verges of the existing junction however, highway boundary mapping would need to be overlaid to confirm this.
- 5.4 A second high-level option has been designed by providing traffic signals on each arm of the staggered junction which would effectively control vehicle speeds on the A420. At this stage, the design is high-level, but it does also afford the opportunity to incorporate pedestrian/cycle crossings within the design to improve safety. The lanes are all 3.5m wide with a 1m hard standing strip either side. The layout provides a continuous dual carriageway for both east and west bound traffic, with right and left turn filtering lanes added. This design appears to be achievable within the highway boundary, but mapping would be needed to confirm this.



6. SUMMARY & CONCLUSIONS

- 6.1 This Transport Impact Assessment Report (TIAR) has been prepared by Paul Basham Associates (PBA) on behalf of Blanchard Enterprises in order to assess the transport impact of a residential development of at least 300 dwellings at Land South of Spring Hill, Southmoor on the A420 staggered junction and this report therefore considers high level design for improving this junction.
- 6.2 Traffic surveys have been undertaken to inform the design of these options. It has been assumed that the proposed site to the south of Spring Hill will come forward and be fully operational by 2027 along with other local development and therefore 2027 is the future year of assessment. The impact of two Scenarios has been investigated:
 - Scenario 1: 2027 Baseline with Committed developments + 300 units on the site South of Spring Hill; and
 - Scenario 2: 2027 Baseline with Committed developments + 480 units on the site South of Spring Hill + 240 units on the site North of Spring Hill.
- 6.3 Scenario 1 results in a 2% increase in total traffic travelling through the junction in each of the peaks whereas scenario 2 results in a 7% increase.
- 6.4 Scenario 2 assesses the worst-case impact of a total of 720 homes proposed across both the north and south sites on Spring Hill. The maximum increase of trips on a single manoeuvre is from Charney Road onto the A420 eastbound, and totals 115 trips in the AM Peak which equates to an 85% increase when compared to the 20 trips in the '2027 Baseline with Committed Developments' diagram.
- 6.5 Regardless of the amount of additional traffic that would travel through the junction two possible options have been proposed which would slow traffic and manage turning vehicles through this junction and therefore improve safety:
 - **Option 1:** A gyratory which slows vehicles by providing deflection for traffic heading eastbound/westbound along the A420. The proposed junction also appears to fit within the verges of the staggered junction however highway boundary mapping would need to be overlaid to confirm this. The A420 either side of the junction remains a dual carriageway.



- Option 2: Signalising the staggered junction allows management of reduced speeds, especially turning manoeuvres. The layout provides a continuous dual carriageway for both east and west bound traffic, with right and left turn filtering lanes added. The high-level design provides 3.5m wide carriageways with a 1m hard standing strip either side and shows that pedestrian/cycle crossings could also be accommodated.
- 6.6 The two options appear to be feasible in transport terms and would provide a lower speed and safer junction. The possible allocation of the sites either side of Spring Hill should therefore not be discounted on grounds of highway safety. Further, more detailed technical work would be undertaken to support any planning submission to fully demonstrate the acceptability of the proposals.





Paul Basham Associates Ltd Report No. 512.0004/TIAR2

25

Land South of Spring Hill, Southmoor Transport Impact Assessment Report

TSP Class Profile All Days 15 Mins

Report Id - CustomList-19 Site Name - SPRING HILL Description - SPRING HILL [60M] Direction - East

04 April 2017

Time	Total	Cls 1	Cls 2	Cls 3	Cls 4	Cls 5	Cls 6	Cls 7	Cls 8	Cls 9	Cls 10	Fix1	Time	Vbin 0	Vbin 5	Vbin 10	Vbin 15	Vbin 20	Vbin 25	Vbin 30	Vbin 35	Vbin 40	Vbin 45	Vbin 50	Vbin 55	Vbin 60	Mean	Vpp 85]PSL 60]PSL% 60]SL1 68]SL1% 68]SL2 75]SL2% 75	Fix1
0000	2	0		0	0		0	() () () (0000	5	10	15	20	25	30	35 2	40	45	50	55	60	130	32.9		0	0	ACPO		DFT	DFT 0	
0000	2	0	2		0	0	0	(0000	0		0	0	0	0	2	0	0	0		-	0		-	0		0		0	0	
0030	0	0	0	0	0	0	0	Ċ					0030	0		0	0	0	0	0	0	0	0	0	0	0		-	0	0	c	0	0	0	
0045	0	0	0	0	0	0	0	() () () (0045	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0	0	C) 0	0	0	
0100	0	0	0	-	0	0	-	(0100	0		0	0	0	0	0	0	0	0	-	-	0		-	0	•	C		0	0	
0115 0130	0	0	0	-	0	0	0	(0115 0130	0	0	0	0	0	0	0	0	0	0	-	0	0		-	0	0	0		0	0	
0130	0	0	0	-	0	0	0						0130	0		0	0	0	0	0	0	0	0	-	-	0		_	0	-	0		0	0	
0200	0	0	0	0	0	0	0	Ċ) () () (0200	0		0	0	0	0	0	0	0	0	0	0	0		-	0	0	c	0 0	0	0	
0215	1	0	1	0	0	0	0	() () () ()	0215	0	0	0	0	0	1	0	0	0	0	0	0	0	29.1	-	0	0	C) 0	0	0	
0230	0	0	0	-	0	0	0	(· ·				0230	0	0	0	0	0	0	0	0	0	0	-	-	0		-	0	•	C		0	0	
0245 0300	0	0	0	-	0	0	0	(· ·				0245 0300	0		0	0	0	0	0	0	0	0	•	0	0		-	0	0	C		0	0	
0300	0	0	0	-	0	0	-		· ·				0300	0		-	0	0	0	0	0	0	0	-	-	0		_	0	-	0		0	0	
0330	0	0	0		0	0	0	Ċ) (0330	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0	0	c		0	0	
0345	0	0	0		0	0	0	() () (0345	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0	0	C		0	0	
0400	0	0	0	•	0	0	0	(· ·	· ·	, ,		0400	0		0	0	0	0	0	0	0	0	•		0		-	0	•	C		0	0	
0415 0430	0	0	0		0	0	0	(0415 0430	0		0	0	0	0	0	0	0	0	-	-	0		-	0	•	0		0	0	
0430	0	0	0		0	0	0						0430	0	0	0	0	0	0	0	0	0	0	-	0	0		-	0	0	0		0	0	
0500	0	0	0	0	0	0	0	Ċ) () () ()	0500	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0	0	c	0 0	0	0	
0515	1	0	1	0	0	0	0	() () (0515	0		0	0	0	0	1	0	0	0	0	0	0	33 -	-	0	0	C		0	0	
0530	0	0	0	-	0	0	-	(0530	0		0	0	0	0	0	0	0	0	-	-	0		-	0	•	C		0	0	
0545 0600	2	0	1	0	1	0	0	(· ·				0545 0600	0	0	0	0	1	0	1	0	0	0	-	0	0	27.7 · 38.9 ·		0	0	C		0	0	
0600	4	0	2		2	0	0	(· ·				0600	0		0	0	1	0	0	2	1	0	-	0	0	34.3	_	0	•	0		0	0	
0630	12	0	9		3	0	0	Ċ) () () (0630	0		0	0	2	2	6	2	0	0	0	0	0	30.9	36.2	0	0	c	0	0	0	
0645	20	0	19		1	0	0	(0645	0			0	0	10	8	2	0	0	-	-	0	30.5	34.6					0	0	
0700	18	0	16		2	0	0	(· ·				0700	0	0	0	0	1	11	4	2	0	0	-	0	0	29.4	33.8	0	-	C		0	0	
0715 0730	24 26	0	22 23		2	0	0	(· ·				0715 0730	0	0	1	0	3	9 11	9	2	0	0	0	0	0	29.6 29	34.3 35.3	0	-	0		0	0	
0745	20	0	25		2	0	-						0745	0		0	0	2	4	18	3	0	0	-	-	0		34.6	0	-	0		0	0	
0800	20	1	15		4	0	0	Ċ) () () (0800	0	0	1	0	1	9	5	2	2	0	0	0	0		36.9	0	0	c	0	0	0	
0815	16		15		0	0	0	(· ·				0815	0		0	0	3	5	8	0	0	0	-	-	0		32.4	0	-	C		0	0	
0830	22	0	20		2	0	0	(· ·	· ·	, ,		0830	0		0	0	1	10	11	0	0	0	•	0	0		32.4	0	•	C		0	0	
0845 0900	14 9	0	11		3	0	0	(0845 0900	0		0	0	3	4	3	4	0	0	-	-	0	30.3 31.2 ·	36	0	-	C		0	0	
0900	11	0	9	•	2	0	0						0915	0	0	0	0	3	3	3	0	2	0	-	0	0	30.2	40.4	0	-	0		0	0	
0930	11	Ō	10	0	1	0	Ō	(5 0) () ()	0930	0	0	0	0	4	1	5	1	0	0	0	0	Ō		35.3	0	0	c	0	Ō	Ō	
0945	12	0	10		2	0	0	() (0945	0		0	0	2	2	7	1	0	0	0	0	0	30.2	32.9	0	0	C		0	0	
1000	18	1	16		1	0	0	(1000	0		0	0	2	6	8	2	0	0	-	0	0		34.4	0	-	C		0	0	
1015 1030	9 11	0	10	-	2	0	0	(· ·	· ·			1015 1030	0		0	0	2	3	2	1	1	0	-	-	0	27.4 · 30.9	- 38	0	•	0		0	0	
1045	14	0	12		2	0	0	Ċ	· ·				1045	0		0	0	2	5	6	1	0 0	0	-	0	0	29	33	0	-	0		0	0	
1100	15	0	15	0	0	0	0	Ċ) () () ()	1100	0	0	0	0	1	5	8	1	0	0	0	0	0	29.8	34.2	0	0	C	0 0	0	0	
1115	10	0	9	-	1	0	0	(· ·				1115	0		0	0	2	7	1	0	0	0	-	-	0	27.7	-	0	-	C		0	0	
1130	15	1	12		2	0	0	() (· ·			1130	0	0	1	1	6	4	0	1	2	0	•	0	0	26.9	38.5	0	-	C		0	0	
1145 1200	11 13	0	7 11	-	3	0	1	() () (1145 1200	0	0	0	0	3	3	2	3	0	0	0	0	0	29.4 29.8	37.2 35.5	0	-	C		0	0	
1215	15	0	13		2	0	0	Ċ					1215	0	-	1	0	2	7	4	1	0	0	-	-	0		33.7	0	-	0		0	0	
1230	11	0	7	0	2	1	1	Ċ) () () ()	1230	0	0	0	0	1	8	1	1	0	0	0	0	0		34.7	0	0	C	0 0	0	0	
1245	10		10		0	0	0	() (1245	0	0	0	0	3	4	2	1	0	0	•	0	0		-	0	•	C		0	0	
1300	16	0	15		1	0	0	(· ·	· ·	, ,	·	1300	0		0	0	4	6	4	2	0	0	•	0	0	29.4	34.4	0	•	C		0	0	
1315 1330	13 16	0	12 14		1	0	0	(1315 1330	0		0	0	2	6	3	1	0	0		0	0	31.6 28.7	39.3 32.3	0	-	C		0	0	
1345	10		8		1	0	1	(· ·				1345	0		0	0	3	0	3	3	1	0	-	-	0			0		0		0	0	
1400	9	0	8	0	1	0	0	() () () ()	1400	0	0	0	0	3	3	3	0	0	0	0	0	0			0	0	C	0 0	0	0	

15 0 15 0 15 0 15 0 <th>1415</th> <th>10</th> <th>0</th> <th>6</th> <th>0</th> <th>2</th> <th>0</th> <th>1</th> <th>0</th> <th>0</th> <th>0</th> <th>1</th> <th>1415</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>4</th> <th>4</th> <th>2</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>26.7 -</th> <th></th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th> <th>0</th>	1415	10	0	6	0	2	0	1	0	0	0	1	1415	0	0	0	0	4	4	2	0	0	0	0	0	0	26.7 -		0	0	0	0	0	0
144 1 1 0 1 0			ō		ō		ō	Ó	ō	ō	ō	Ó		ō	ō	ō	ō	4	6	5	ō	ō	ō	ō	õ	ō		32.5	ō	ō	ō	ō	ō	ō
150 15 1 1 0 0 0 0			0		0	1	0	0	Ó	0	Ó	0		0	0	0	0	0	9	5	Ó	0	Ó	0	0	0			0	0	0	0	0	0
1530 22 9 9 9 9 0 <td></td> <td></td> <td>1</td> <td></td> <td>0</td> <td>3</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>4</td> <td>2</td> <td>4</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>			1		0	3	0	1	0	0	0	0		0	1	1	0	4	2	4	1	0	0	0	0	0			0	0	0	0	0	0
1546 8 1 7 0 0 0 0 1 0 0 5 2 0 0 0 0	1515	15	1	11	0	3	0	0	0	0	0	0	1515	0	1	0	0	1	6	5	2	0	0	0	0	0	28.8	35.1	0	0	0	0	0	0
1546 8 1 7 0 0 0 0 1 0 0 5 2 0 0 0 0			0	19	0	3	0	0	Ó	0	Ó	0		0	0	0	1	1	7	12	1	0	Ó	0	0	0			0	0	0	0	0	0
1610 170 20 0 </td <td>1545</td> <td>8</td> <td>1</td> <td>7</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1545</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>5</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>27.3 -</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1545	8	1	7	0	0	0	0	0	0	0	0	1545	0	0	1	0	0	5	2	0	0	0	0	0	0	27.3 -		0	0	0	0	0	0
165 16 <t< td=""><td>1600</td><td>16</td><td>0</td><td>14</td><td>0</td><td>2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1600</td><td>0</td><td>0</td><td>0</td><td>1</td><td>1</td><td>6</td><td>7</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>29.7</td><td>34.2</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></t<>	1600	16	0	14	0	2	0	0	0	0	0	0	1600	0	0	0	1	1	6	7	1	0	0	0	0	0	29.7	34.2	0	0	0	0	0	0
i+i+i 0 2 0 2 0 0 0 1 3 7 2 0 <td>1615</td> <td>22</td> <td>0</td> <td>20</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1615</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>8</td> <td>9</td> <td>5</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>31.9</td> <td>36.8</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1615	22	0	20	0	2	0	0	0	0	0	0	1615	0	0	0	0	0	8	9	5	0	0	0	0	0	31.9	36.8	0	0	0	0	0	0
1715 24 0 73 0 1 0 <td>1630</td> <td>15</td> <td>0</td> <td>15</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1630</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>4</td> <td>8</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>31.1</td> <td>35.1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1630	15	0	15	0	0	0	0	0	0	0	0	1630	0	0	0	0	1	4	8	2	0	0	0	0	0	31.1	35.1	0	0	0	0	0	0
1715 21 0 9 0 <td>1645</td> <td>14</td> <td>0</td> <td>12</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1645</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>3</td> <td>7</td> <td>2</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>33.1</td> <td>38.4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1645	14	0	12	0	2	0	0	0	0	0	0	1645	0	0	0	0	1	3	7	2	0	1	0	0	0	33.1	38.4	0	0	0	0	0	0
1745 1 0	1700	24	0	23	0	1	0	0	0	0	0	0	1700	0	0	0	0	1	9	10	3	1	0	0	0	0	31.1	35.4	0	0	0	0	0	0
1748 16 1 13 0 2 0 0 0 0 0 0 23.2 35.8 0 </td <td>1715</td> <td>21</td> <td>0</td> <td>19</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1715</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2</td> <td>5</td> <td>10</td> <td>2</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>31.7</td> <td>35.7</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1715	21	0	19	0	2	0	0	0	0	0	0	1715	0	0	0	0	2	5	10	2	2	0	0	0	0	31.7	35.7	0	0	0	0	0	0
160 16 0 0 0 0 0 0 11 0 <td>1730</td> <td>10</td> <td>0</td> <td>9</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1730</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>3</td> <td>1</td> <td>5</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>27.8 -</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1730	10	0	9	0	1	0	0	0	0	0	0	1730	0	0	0	1	3	1	5	0	0	0	0	0	0	27.8 -		0	0	0	0	0	0
1815 1 0 9 0			1		0	2	0	0	0	0	0	0		0	0	0	0	2	4	8	1	0	0	1	0	0			0	0	0	0	0	0
1848 11 0 <td></td> <td></td> <td>0</td> <td>16</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3</td> <td>6</td> <td>5</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>			0	16	0	0	0	0	0	0	0	0		0	0	0	0	3	6	5	1	1	0	0	0	0			0	0	0	0	0	0
184 15 0 15 0 1 0 0 0 144 0 0 0 14 0<			0		0	3	-	0	0	0	0	0		0	-	0	0	2	2	4	4	-	-	-					0	0	0	0	0	0
1905 13 1 12 0 0 0 1 0			0		-	0	-	0	0	0	0	-		0	-	0	0	0	2	7	2	0	-	-	-	-				0	0	0	0	0
14 0 14 0 14 0 14 0 14 0 14 0 14 0 0 0 0 0 33 35 0			0		0	1	0	0	0	0	0	0		0	0	0	0	2	5	4	4	1	0	0	-	0			-	0	0	0	0	0
1938 8 9 7 0 1 0 0 0 0 1 0 1 0			1			0	0	0	0	0	0	-		0	1	0	0	1	4	4	3	0		0					-	-		-	0	0
1945 6 0 5 0 1 0			-		-	0	0	0	0	0	0	0		0	-	0	0	3	4	4	2	1		0	-	-		35.5	0		-	-	0	0
200 10 0			-		-	1	-	0	0	0	0	•		0	0	-	1	0	1	2	2		-	-	-	0			0	•	-	-	0	0
2015 10 0 9 0 0 0 2015 0 0 0 0 1 1 0 0 342- 0 <td< td=""><td></td><td></td><td>-</td><td></td><td>-</td><td>1</td><td>•</td><td>0</td><td>0</td><td>0</td><td>0</td><td>•</td><td></td><td>0</td><td>0</td><td>0</td><td>0</td><td>2</td><td>1</td><td>2</td><td>1</td><td>-</td><td>-</td><td>-</td><td></td><td>0</td><td></td><td></td><td>0</td><td>-</td><td>-</td><td>-</td><td>0</td><td>0</td></td<>			-		-	1	•	0	0	0	0	•		0	0	0	0	2	1	2	1	-	-	-		0			0	-	-	-	0	0
2030 3 0 3 0 0 0 0 0 2035 0 1 2 0 0 0 0 30.6 0 0 0 0 0 0 30.6 0 0 30.6 0 0 0 0 0 0 0 30.6 0					-	0	-	0	0	0	0	-		-	-	0	0	0	3	7	0	0	0	-	-	0			0		-	-	0	0
2010 8 0 1 0 0 0 0 2100 0 </td <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>1</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>7</td> <td>0</td> <td>1</td> <td>1</td> <td>-</td> <td>-</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td>					-	1	-	0	0	0	0	-		-	-	0	0	0	1	7	0	1	1	-	-	0			0	-	-	-	0	0
2100 8 0 7 0 1 0 0 0 2100 0 </td <td></td> <td></td> <td>-</td> <td></td> <td>-</td> <td>0</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td> <td>1</td> <td>2</td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td>			-		-	0	-	0	0	0	0	-		-	-	-	0	0	1	2	0	-	-	-	-	0			0	-	-	-	0	0
2115 4 0 4 0 0 0 0 0 2130 0 </td <td></td> <td></td> <td>-</td> <td>8</td> <td></td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>2</td> <td>2</td> <td>3</td> <td>2</td> <td></td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td></td> <td>0</td> <td></td> <td>-</td> <td>-</td> <td>0</td> <td>0</td>			-	8		1	0	0	0	0	0	-		-	-	-	0	2	2	3	2			0		0			0		-	-	0	0
2145 4 0 4 0 0 0 0 0 2145 0 0 0 0 0 21 0 0 21 0 0 21 0 0 21 0 0 21 0 0 21 0 0 21 0 0 21 0 0 21 0 0 21 0 0 21 0 0 0 21 0 0 0 21 0 0 0 21 0 0 0 21 0 0 0 21 0 0 0 21 0<			-	7	-	1	0	0	0	0	0	-		0	-	0	0	0	1	5	2	-		0	-	0			0		-	-	0	0
2145 10 0 9 0 1 0 0 0 0 0 2145 0 0 0 0 0 31 - 0 <t< td=""><td></td><td></td><td>-</td><td></td><td>-</td><td>0</td><td>-</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-</td><td></td><td>0</td><td>-</td><td>-</td><td>0</td><td>0</td><td>2</td><td>2</td><td>0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>0</td><td></td><td></td><td>0</td><td>-</td><td>-</td><td>-</td><td>0</td><td>0</td></t<>			-		-	0	-	0	0	0	0	-		0	-	-	0	0	2	2	0	-	-	-	-	0			0	-	-	-	0	0
2201 5 0 5 0 5 0 0 0 0 0 220 0 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td> <td>3</td> <td>1</td> <td>0</td> <td>0</td> <td></td> <td>-</td> <td>-</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>-</td> <td></td> <td></td> <td>0</td> <td>0</td>						0	-	0	0	0	0	-		-	-	-	0	0	3	1	0	0		-	-	0			0	-			0	0
2215 2 0 2 0 0 0 0 0 2215 0<			0	-	-	1	•	0	0	0	0	0		•	0	0	0	2	2	4	1	1		0	-	0			0	•	-	•	0	0
2230 1 0 1 0 0 0 0 0 2230 0 0 0 0 0 0 33.8 - 0 0 0 0 0 0 33.8 - 0			0		-	0	0	0	0	0	0	-		0	-	-	0	0	1	1	2	1	-	0	-	0			0	-	-	-	0	0
2300 2 0 1 0 0 0 0 0 2300 0<		4	0	4	-	0	0	0	0	0	0	•		0	-	•	0	0		1	0	-	-		-	0			0	-	-	-	0	0
2300 2 0 2 0		2	0	4		1	-	0	0	0	0	-		0	-		0	0	2	0	0			0		0			0		-	-	0	0
2315 2 0 2 0 0 0 0 0 0 2315 0 0 0 0 0 0 35.2 0			0	2	-	0	-	0	0	0	0	0		0	•	0	0	0	1	1	0	-	-	0	0	0			0	0	0	-	0	0
2330 0			0		•	0	0	0	0	0	0	0		0	0	0	0	0	0	1	1	-		•	0	0			0	0	0	-	0	0
2345 1 0 1 0 0 0 0 0 2345 0 0 0 0 0 0 0 0 29.7 0					-	0	0	0	0	0	0	-		0	0	0	0	0	0	0	0	-	-	-	-	0.			0	-	-	-	0	0
07-19 717 9 622 1 77 1 6 0 0 1 07-19 0 3 6 7 98 256 255 74 15 1 2 0 0 29.8 34.6 0		1	-	1	-	-	0	0	0	0	0	-		0	0	0	õ	0	1	0	0	-	-	-	0	0			0		-	-	0	0
06-22 853 10 745 1 89 1 6 0 0 1 06-22 0 4 6 8 111 293 312 94 21 2 2 0 30 34.8 0		717		622	1	-	1	6	0	0	0	1		0	3	6	7	98	256	-		-	1	2	Ő	0		34.6	ő	Ő	Ő	Ő	ő	0
06-00 868 10 759 1 90 1 6 0 0 1 06-00 0 4 6 8 111 299 316 98 22 2 2 0 0 30.1 34.8 0 0 0 0 0 0					1		1	6	õ	õ	õ	1		õ	4	6	8						2	2	õ	Ő			õ	õ	õ	õ	õ	0
					1		1	6	0	0	0	1		0	4	6	8							2	0	0			0	0	0	0	0	0
					1		1	6	0	0	0	1		0	4	6	8							2	0	0			0	0	0	0	0	0

05 April 2017

Time	Total	Cls 1	Cls 2	Cls 3	Cls 4	Cls 5	Cls 6	Cls 7	Cls 8	Cls 9	Cls 10	Fix1	Time	Vbin 0	Vbin 5	Vbin 10	Vbin 15	Vbin 20	Vbin 25	Vbin 30	Vbin 35	Vbin 40	Vbin 45	Vbin 50	Vbin 55	Vbin 60	Mean	Vpp 85]PSL 60]PSL% 60]SL1 68]SL1% 68]SL2 75]SL2% 75	Fix1
			-	Ŭ		Ū	Ŭ		Ŭ	Ū				5	10	15	20	25	30	35	40	45	50	55	60	130							DFT	DFT	
0000	0	0	0	0	0	0	0	0	0	0	0	00	000	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0015	0	0	0	0	0	0	0	0	0	0	0		015	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0030	0	0	0	0	0	0	0	0	0	0	0		030	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0045	0	0	0	0	0	0	0	0	0	0	0	00	045	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0100	0	0	0	0	0	0	0	0	0	0	0		100	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0115	0	0	0	0	0	0	0	0	0	0	0		115	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0130	0	0	0	0	0	0	0	0	0	0	0		130	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0145	0	0	0	0	0	0	0	0	0	0	0		145	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	0	0	0	0		200	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0215	0	0	0	0	0	0	0	0	0	0	0		215	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0230	0	0	0	0	0	0	0	0	0	0	0		230	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0245	0	0	0	0	0	0	0	0	0	0	0		245	0	0	0	0	0	0	0	0	0) () 0	0		0 -	-	0	0	0	0	0	0	
0300	0	0	0	0	0	0	0	0	0	0	0		300	0	0	0	0	0	0	0	0	0) () 0	0		0 -	-	0	0	0	0	0	0	
0315	0	0	0	0	0	0	0	0	0	0	0		315	0	0	0	0	0	0	0	0	0) () 0	0		0 -	-	0	0	0	0	0	0	
0330	0	0	0	0	0	0	0	0	0	0	0		330	0	0	0	0	0	0	0	0	0) () 0	0		0 -	-	0	0	0	0	0	0	
0345	0	0	0	0	0	0	0	0	0	0	0		345	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0400	0	0	0	0	0	0	0	0	0	0	0		400	0	0	0	0	0	0	0	0	0) () 0	0		0 -	-	0	0	0	0	0	0	
0415	0	0	0	0	0	0	0	0	0	0	0		415	0	0	0	0	0	0	0	0	0) () 0	0		0 -	-	0	0	0	0	0	0	
0430	0	0	0	0	0	0	0	0	0	0	0		430	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	
0445	0	0	0	0	0	0	0	0	0	0	0		445	0	0	0	0	0	0	0	0	0) () 0	0		0 -	-	0	0	0	0	0	0	
0500	0	0	0	0	0	0	0	0	0	0	0	0	500	0	0	0	0	0	0	0	0	0) (0 0	0		0 -	-	0	0	0	0	0	0	

0515 3 0530 1 0645 3 0600 0 0615 5 0630 14 0645 22 0700 16 0715 27 0730 28 0745 27 0730 28 0745 27 0730 28 0800 12 0945 20 0900 12 0945 18 1000 6 1015 10 130 14 1445 11 115 12 130 13 1415 12 130 18 1315 10 1330 14 1345 12 1400 9 1415 13 1330 14 1345 12 1400 <td< th=""><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>$\begin{smallmatrix}&3&1\\&3&0\\&5&2&2&1\\&1&3&4\\&1&1&1\\&1&1&1\\&1&1&1\\&1&1&1&1\\&1&1&1&1$</th><th>0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 1 1 0</th><th>0 0 0 0 2 3 0 4 2 4 1 1 3 3 1 1 3 2 1 1 2 2 3 1 0 6 1 1 0 3 2 1 1 1 1 2 1 1 3 2 2 5 2 1 1 1 1 2 3 1 2 0 1 0 1 0 0 1 1 0 0 1 0 0 1 0 0 1 0 0 0 1 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>$\circ \circ$</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0515 0530 0645 0600 0615 0730 0745 0730 0745 0800 0815 0800 0815 0800 0815 0800 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1215 1230 1245 1230 1245 1230 1245 1300 1315 1330 1345 1400 1315 135 130 1445 1500 1515 1530 1545 1530 1645 1500 1515 1530 1645 1630 1645 1730 1645 1730 1645 1730 1645 1730 1745 1830 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1915 1930 1845 1930 1945 1945 1945 1945 1945 1945 1945 1945</th><th>$\begin{smallmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 &$</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0 0 0 0 1 0 0 1 0 0 1 0 1 0 0 1 0 1 0 0 0 0 0 2 1 1 1 0 0 0 0</th><th>0 0 1 0 0 1 0 2 4 2 2 2 1 1 2 0 2 2 2 3 3 1 1 1 4 1 4 2 2 2 5 4 1 0 2 1 1 1 1 2 2 4 1 2 2 1 0 0 4 1 1 1 1 1 1 1 0 2 0 1 1 1 0 0 3 0 0</th><th>1 0 0 0 1 4 9 1 4 4 5 6 5 7 5 7 1 4 5 2 3 6 7 4 3 5 0 2 2 7 8 8 6 7 3 6 7 7 7 4 7 1 10 8 4 6 2 9 5 3 5 2 4 8 6 0 4 3 3 1 0 1 1 1 1</th><th>2 0 2 0 1 5 10 9 14 11 11 17 10 10 2 6 4 7 1 3 4 3 2 2 4 3 4 0 5 2 4 3 5 3 1 3 8 5 1 8 8 6 3 6 6 10 5 10 5 5 6 6 11 5 5 5 7 5 4 2 2 1 2 1</th><th>0 1 0 0 2 3 3 4 4 1 7 4 1 1 3 1 0 3 2 0 0 2 2 2 1 0 0 0 2 1 0 1 3 1 1 1 0 0 0 0 3 5 0 3 3 2 0 0 4 2 1 3 3 1 5 1 3 0 1 0 0 0 0 2 1 0 1 3 1 1 1 1 0 0 0 0 3 5 0 3 3 2 0 0 4 2 1 3 3 1 5 1 3 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 1 0 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 1 1 0</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>$\begin{smallmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$</th><th>$\begin{smallmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$</th><th>31.3 32.1 30.3 30.3 29.4 30.9 30.5 28.2 30 31.4 20.1 28.2 27.2 26.3 29.2 26.2 24.5 24.5 24.4 28.2 27.7 29 28.6 20.4 - 27.2 24.5 24.4 28.2 27.7 29 28.6 - 20.5 29.8 29.6 - 20.6 29.9 29.2 24.5 24 28.2 27.7 29 28.6 - 29.2 28.2 27.7 29 28.6 - 29.2 28.2 27.7 29 28.6 - 29.2 28.5 29.8 29.5 29.8 29.5 29.8 29.6 - 20.6 29.9 29.2 29.5 29.8 29.6 - 29.2 20.4 - 29.2 28.5 29.8 29.5 29.8 29.5 29.8 29.6 - 29.5 29.8 29.6 - 29.5 29.8 29.6 - 29.7 29.2 28.6 - 29.8 29.2 29.4 - 29.2 29.5 29.8 29.8 29.5 29.8 29.5 29.8 29.8 29.1 29.2 30.6 29.9 30.6 29.9 30.5 29.1 29.2 30.5 29.8 29.2 30.6 29.9 30.5 29.1 29.2 30.5 29.3 34 29.9 30.6 31.5 - 31.7 30.6 31.5 - 31.7 30.6 31.5 - 31.7 30.6 31.5 - 31.7 30.6 31.6 - 3.5 - 31.7 30.6 31.6 - 3.5 - 31.7 30.6 31.6 - 3.7 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - - 3.9 - - - - - - - - - - - - -</th><th>36.5 36.2 36.8 35 33.4 36.1 33.7 35.9 36.6 33.8 36.5 34.2 35.5 35.1 36.6 33.4 35.5 32.6 33.4 35.5 32.6 33.4 35.2 33.4 35.2 33.4 35.2 33.4 35.2 37 32.7 31.8 37.7 32.7 31.8 33.7 36.8 34.9 33.5 34.9 33.5 34.9 33.5 34.9 33.5 34.9 35.5 35.2 35.5 35.2 35.5 35.5 35.5 35.5</th><th></th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th><th>$\begin{smallmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$</th><th>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</th></td<>	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{smallmatrix}&3&1\\&3&0\\&5&2&2&1\\&1&3&4\\&1&1&1\\&1&1&1\\&1&1&1\\&1&1&1&1\\&1&1&1&1$	0 0 0 0 0 0 1 0 0 0 0 0 0 1 0 0 0 0 1 1 0	0 0 0 0 2 3 0 4 2 4 1 1 3 3 1 1 3 2 1 1 2 2 3 1 0 6 1 1 0 3 2 1 1 1 1 2 1 1 3 2 2 5 2 1 1 1 1 2 3 1 2 0 1 0 1 0 0 1 1 0 0 1 0 0 1 0 0 1 0 0 0 1 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\circ \circ $	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0515 0530 0645 0600 0615 0730 0745 0730 0745 0800 0815 0800 0815 0800 0815 0800 0915 0930 0945 1000 1015 1030 1045 1100 1115 1130 1215 1230 1245 1230 1245 1230 1245 1300 1315 1330 1345 1400 1315 135 130 1445 1500 1515 1530 1545 1530 1645 1500 1515 1530 1645 1630 1645 1730 1645 1730 1645 1730 1645 1730 1745 1830 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1845 1930 1915 1930 1845 1930 1945 1945 1945 1945 1945 1945 1945 1945	$\begin{smallmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 &$	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 0 1 0 0 1 0 1 0 0 1 0 1 0 0 0 0 0 2 1 1 1 0 0 0 0	0 0 1 0 0 1 0 2 4 2 2 2 1 1 2 0 2 2 2 3 3 1 1 1 4 1 4 2 2 2 5 4 1 0 2 1 1 1 1 2 2 4 1 2 2 1 0 0 4 1 1 1 1 1 1 1 0 2 0 1 1 1 0 0 3 0 0	1 0 0 0 1 4 9 1 4 4 5 6 5 7 5 7 1 4 5 2 3 6 7 4 3 5 0 2 2 7 8 8 6 7 3 6 7 7 7 4 7 1 10 8 4 6 2 9 5 3 5 2 4 8 6 0 4 3 3 1 0 1 1 1 1	2 0 2 0 1 5 10 9 14 11 11 17 10 10 2 6 4 7 1 3 4 3 2 2 4 3 4 0 5 2 4 3 5 3 1 3 8 5 1 8 8 6 3 6 6 10 5 10 5 5 6 6 11 5 5 5 7 5 4 2 2 1 2 1	0 1 0 0 2 3 3 4 4 1 7 4 1 1 3 1 0 3 2 0 0 2 2 2 1 0 0 0 2 1 0 1 3 1 1 1 0 0 0 0 3 5 0 3 3 2 0 0 4 2 1 3 3 1 5 1 3 0 1 0 0 0 0 2 1 0 1 3 1 1 1 1 0 0 0 0 3 5 0 3 3 2 0 0 4 2 1 3 3 1 5 1 3 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 1 0 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 1 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{smallmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $	$ \begin{smallmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	31.3 32.1 30.3 30.3 29.4 30.9 30.5 28.2 30 31.4 20.1 28.2 27.2 26.3 29.2 26.2 24.5 24.5 24.4 28.2 27.7 29 28.6 20.4 - 27.2 24.5 24.4 28.2 27.7 29 28.6 - 20.5 29.8 29.6 - 20.6 29.9 29.2 24.5 24 28.2 27.7 29 28.6 - 29.2 28.2 27.7 29 28.6 - 29.2 28.2 27.7 29 28.6 - 29.2 28.5 29.8 29.5 29.8 29.5 29.8 29.6 - 20.6 29.9 29.2 29.5 29.8 29.6 - 29.2 20.4 - 29.2 28.5 29.8 29.5 29.8 29.5 29.8 29.6 - 29.5 29.8 29.6 - 29.5 29.8 29.6 - 29.7 29.2 28.6 - 29.8 29.2 29.4 - 29.2 29.5 29.8 29.8 29.5 29.8 29.5 29.8 29.8 29.1 29.2 30.6 29.9 30.6 29.9 30.5 29.1 29.2 30.5 29.8 29.2 30.6 29.9 30.5 29.1 29.2 30.5 29.3 34 29.9 30.6 31.5 - 31.7 30.6 31.5 - 31.7 30.6 31.5 - 31.7 30.6 31.5 - 31.7 30.6 31.6 - 3.5 - 31.7 30.6 31.6 - 3.5 - 31.7 30.6 31.6 - 3.7 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - 3.9 - - - 3.9 - - - - - - - - - - - - -	36.5 36.2 36.8 35 33.4 36.1 33.7 35.9 36.6 33.8 36.5 34.2 35.5 35.1 36.6 33.4 35.5 32.6 33.4 35.5 32.6 33.4 35.2 33.4 35.2 33.4 35.2 33.4 35.2 37 32.7 31.8 37.7 32.7 31.8 33.7 36.8 34.9 33.5 34.9 33.5 34.9 33.5 34.9 33.5 34.9 35.5 35.2 35.5 35.2 35.5 35.5 35.5 35.5		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{smallmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1945 12 2000 6 2015 4 2030 4 2045 5 2100 3	0 0 0 0 0	11 5 4 4 4 3	0 0 0 0 0	1 1 0 0 1 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1945 2000 2015 2030 2045 2100	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	1 1 0 0 3 0	3 1 0 1 1 1	4 2 1 2	0 1 0 0 0	0 0 1 1 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	30.6 30.3 - 36 - 33.9 - 26.9 - 30.8 -		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0

2315	0	0	0	0	0	0	0	0	0	0	0	2315	0	0	0	0	0	0	0	0	Ō	0	0	0	0 -	-		0	0	Ō	0	Ō	0
2330	3	0	3	0	0	0	0	0	0	0	0	2330	0	0	0	0	0	0	2	0	1	0	0	0	0	37.2 -		0	0	0	0	0	0
2345	1	0	1	0	0	0	0	0	0	0	0	2345	0	0	0	0	0	1	0	0	0	0	0	0	0	27 -		0	0	0	0	0	0
07-19	736	19	608	5	83	8	12	0	0	0	1	07-19	1	2	11	16	86	258	268	79	13	1	1	0	0	29.6	34.6	0	0	0	0	0	0
06-22	854	19	717	5	92	8	12	0	0	0	1	06-22	1	2	11	17	96	290	319	100	15	2	1	0	0	29.9	34.8	0	0	0	0	0	0
06-00	874	19	736	5	93	8	12	0	0	0	1	06-00	1	2	11	17	96	296	326	104	18	2	1	0	0	30	34.8	0	0	0	0	0	0
00-00	881	19	743	5	93	8	12	0	0	0	1	00-00	1	2	11	17	97	297	330	105	18	2	1	0	0	30	34.8	0	0	0	0	0	0

06 April 2017

Time	Total	Cls 1	Cls 2	Cls 3	Cls 4	Cls 5	Cls 6	Cls 7	Cls 8	Cls 9	Cls 10	Fix1	Time	Vbin 0	Vbin 5	Vbin 10	Vbin 15	Vbin 20	Vbin 25	Vbin 30	Vbin 35	Vbin 40	Vbin 45	Vbin 50	Vbin 55	Vbin 60	Mean	Vpp 85]PSL 60]PSL% 60]SL1 68]SL1% 68]SL2 75]SL2% 75	Fix1
0000	1	0	1	0	0	0	0	C) 0	0	0		0000	5 0	10	15	20	25	30	35 0	40	45	50	55	60	130	36.2		0	0	ACPO	ACPO	DFT 0	DFT 0	
0015	1	0	1	0	ŏ	Ő	0	C			ő		0015	0		0	0	Ő	1	Ő	ò	0	0	0		0			0	0	0	0	0	0	
0030	3	0	3	0	0	0	0	C) 0	0	0		0030	0		0	0	0	1	0	1	1	0	0	0	0	36	-	0	0	0	0	0	0	
0045	0	0	0	0	0	0	0	C		-	0		0045	0		0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0100 0115	0	0	0	0	0	0	0	C		0	0		0100 0115	0		0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0130	1	ő	1	ő	0	ő	0	0		-	0		0130	0	-	0	0	0	0	0 0	0	1	0	0	0	0	40.4	-	0	0	0	0	0	0	
0145	0	0	0	0	0	0	0	C	0 0	0	0		0145	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	C		-	0		0200	0		0	0	0	0	0	0	0	0	0		0		-	0	0	0	0	0	0	
0215 0230	0	0	0	0	0	0	0	0			0		0215 0230	0	-	0	0	0	0	0	0	0	0	0	0	0		-	0	0	0	0	0	0	
0230	0	0	0	0	0	0	0	0	, ,		0)230)245	0	-	0	0	0	0	0	0	0	0	0	0	0		-	0	0	0	0	0	0	
0300	0	ō	ō	ō	ō	ō	ō	c	0 0	0	Ō		0300	0		0	0	0	0	0	0	0	0	ō	0	Ō	-	-	ō	0	Ō	Ō	ō	0	
0315	0	0	0	0	0	0	0	C		-	0		0315	0	-	0	0	0	0	0	0	0	0	0	0	0		-	0	0	0	0	0	0	
0330	0	0	0	0	0	0	0	C		0	0		0330	0	-	0	0	0	0	0	0	0	0	0	0	0		-	0	0	0	0	0	0	
0345 0400	0	0	0	0	0	0	0			0	0		0345 0400	0		0	0	0	0	0	0	0	0	0	0	0		-	0	0	0	0	0	0	
0415	0	0	Ő	0	Ő	Ő	0	C	0 0	0	ő		0415	0	-	0	0	Ő	0	Ő	Ő	Ő	0	0	-	Ő	-	-	0	0	Ő	õ	Ő	0	
0430	0	0	0	0	0	0	0	C) 0	0	0		0430	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0	0	0	0	0	0	
0445	0	0	0	0	0	0	0	C	, ,		0		0445	0	-	0	0	0	0	0	0	0	0	0	0	0		-	0	0	0	0	0	0	
0500 0515	0	0	0	0	0	0	0	0		0	0		0500 0515	0	-	0	0	0	0	0	0	0	0	0	0	0		-	0	0	0	0	0	0	
0530	1	0	1	0	0	0	0	c			0		0530	0		0	0	0	0	0	1	0	0	0	0	0	35.3	-	0	0	0	Ö	0	0	
0545	3	0	3	0	0	0	0	C	0 0	0	0		0545	0	0	0	0	0	0	1	2	0	0	0	0	0	35.4	-	0	0	0	0	0	0	
0600	1	0	1	0	0	0	0	C			0		0600	0		0	0	1	0	0	0	0	0	0	0	0	25	-	0	0	0	0	0	0	
0615 0630	4 11	0	4 9	0	0	0	0	C	, ,	•	0		0615 0630	0	-	0	0	0	1	1	2	0	0	0	0	0	33.2 30.6	- 33.8	0	0	0	0	0	0	
0630	20	0	9 19	0	1	0	0	0		-	0)630)645	0		0	0	0	8	6	5	1	0	0	0	0		36.8	0	0	0	0	0	0	
0700	18	0	17	0	0	1	0	C	0	0	0		0700	0	0	0	0	2	3	12	1	0	0	0	0	0	31.2	33.8	0	0	0	0	0	0	
0715	25	0	23	0	2	0	0	C) 0	-	0		0715	0		0	0	2	8	11	3	1	0	0	0	0	31.1	35.4	0	0	0	0	0	0	
0730	34	0	31	0	2	1	0	C) 0	0	0		0730	0		1	1	1	10	18 14	3	0	0	0	0	0	29.9	34.1	0	0	0	0	0	0	
0745 0800	28 29	0 1	25 22	1	1	0	0	0		-	1		0745 0800	0		1	0	5	11 7	14	2	0	0	0	0	0	30.8 29.7	34.8 34.3	0	0	0	0	0	0	
0815	17	0	14	0	3	0	0	c) 0	0	0		0815	0	0	0	0	1	7	8	0	1	0	0	0	0	30.5	34	0	0	0	0	ō	0	
0830	12	1	8	0	3	0	0	C		0	0		0830	0	-	0	1	0	3	6	2	0	0	0	0	0	31	38.3	0	0	0	0	0	0	
0845 0900	18	0	14 18	0	4	0	0	C		-	0		0845	0		0	0	0	7	8	2	1	0	0	0	0	31.7 30.4	35.8 35.6	0	0	0	0	0	0	
0900	19 14	0	18	0	3	0	0	0		-	0		0900 0915	0		0	0	2	6	4	3	0	0	0	0	0	30.4 31.4	35.6	0	0	0	0	0	0	
0930	13	ő	11	ő	2	ő	0	C		-	ő		0930	0	-	0	0	2	2	5	2	1	1	0	Ő	0	32.7	40.8	0	0	0	Ő	0	0	
0945	18	0	15	0	3	0	0	C) 0	0	0		0945	0	0	0	0	1	5	4	8	0	0	0	0	0	32.9	38.2	0	0	0	0	0	0	
1000	13	0	8	0	5	0	0	C		-	0		1000	0		0	0	3	4	5	1	0	0	0		0	30.1	34.3	0	0	0	0	0	0	
1015 1030	16 7	0	12 7	0	4	0	0	0		•	0		1015 1030	0	-	0	0	2	6	6	1	0	0	0	0	0	30.4 33.1	33.7	0	0	0	0	0	0	
1030	13	1	10	0	2	0	0	0		-	0		1030	0	-	0	0	2	2	5	3	1	0	0	0	0	32.5	38.6	0	0	0	0	0	0	
1100	11	0	10	0	1	0	0	C	0 0	0	0		1100	0	0	0	0	2	3	5	1	0	0	0	0	0	29.9	33.8	0	0	0	0	0	0	
1115	10	1	7	0	2	0	0	C		-	0		1115	0		1	0	2	2	4	1	0	0	0	0	0	28.6	-	0	0	0	0	0	0	
1130 1145	16 23	0	10 20	2	3	0	1	C		0	0		1130 1145	0	-	0	0	2	5 10	8	1	0	0	0	0	0	30.1 29.5	33.8 34.3	0	0	0	0	0	0	
1200	13	0	13	0	2	0	0	0		0	0		1200	0	-	0	1	4	4	4	3	0	0	0	0	0	29.5	36.6	0	0	0	0	0	0	
1215	14	Ő	13	Ő	1	Ő	Ő	C) Ö	Ő	ő		1215	0	-	Ő	. 1	0	5	5	2	1	Ő	Ő	-	Ő		36.4	Ő	Ő	Ő	õ	ő	Ő	
1230	12	0	11	0	1	0	0	C		•	0		1230	0	-	0	0	1	1	6	3	0	0	1	0	0		40.1	0	0	0	0	0	0	
1245	21	1	17 9	0	2	1	0	0		0	0		1245	0		1	0	1	8	5	5	0	1	0	0	0	31	37	0	0	0	0	0	0	
1300 1315	12 12	0	9	0	3	0	0	0		0	0		1300 1315	0		0	0	1	3	7	1	0	0	0	0	0	30.4 30.5	32.9 33.5	0	0	0	0	0	0	
1330	9	0	9	0	0	0	0	C		-	0		1330	0	-	0	0	0	1	6	1	1	0	0		0	33.8	-	0	0	0	0	0	0	
1345	14	1	11	0	2	0	0	C		0	0		1345	0	-	0	0	1	7	3	3	0	0	0	-	0	30.7	36.7	0	0	0	0	0	0	
1400	10	0	8	0	2	0	0	C) 0	0	0		1400	0	0	0	0	1	5	3	1	0	0	0	0	0	29.2	-	0	0	0	0	0	0	

1415	12	0	10	0	4	0	4	0	0	0	0	1415	0	0	0	0		2	E	4	0	0	0	ō	0	29.9	34	0	0	0	0	0	0
1413	10	0	7	0	3	0	0	0	0	0	0	1413	0	0	0	0	0	8	2	0	0	0	0	0	0	23.5	34	0	0	0	0	0	0
1445	19	0	13	1	5	0	ő	0	õ	ő	0	1445	Ő	0	0	0	2	10	5	2	0	ő	õ	õ	0	29.2	34.9	0	0	õ	õ	0	0
1500	10	0	7	0	2	0	1	0	0	0	0	1500	0	0	0	1	1	3	4	1	0	0	0	0	0	29.2 -	34.5	0	0	0	0	0	0
1515	17	0	14	0	2	0	0	0	0	0	0	1515	Ő	0	0	0	4	6	0	2	0	0	0	0	0	30.8	34.8	0	0	0	0	0	0
1530	15	0	13	0	2	0	0	0	0	0	0	1530	0	0	0	0	2	5	6	2	0	0	0	0	0	30.4	35.1	0	0	0	0	0	0
1545	23	1	18	0	4	0	0	0	0	0	0	1545	0	0	1	0	1	0	10	2	0	0	0	0	0	29.9	33.7	0	0	0	0	0	0
1600	13	0	10	1	2	0	ő	ő	0	ő	0	1600	Ő	0	0	0	2	5	10	0	2	0	0	õ	Ő	30.8	39.8	0	0	0	õ	0	0
1615	14	0	13	0	1	0	0	0	0	0	0	1615	0	0	0	0	2	6	3	2	0	0	0	0	0	30.2	36.4	0	0	0	0	0	0
1630	14	0	10	0	0	0	0	0	0	0	0	1630	0	0	0	0	2	2	5	2	1	0	0	0	0	33.2 -	30.4	0	0	0	0	0	0
1645	15	1	13	0	1	0	0	0	0	0	0	1645	0	0	0	1	0	4	5	3	2	0	0	0	0	31.8	38.8	0	0	0	0	0	0
1700	29	1	26	0	2	0	0	0	0	0	0	1700	0	0	1	0	1	-	14	5	2	0	0	0	0	30.7	35.8	0	0	0	0	0	0
1715	15	0	12	0	2	0	0	0	0	0	0	1715	0	0	0	0	1	9	3	1	1	0	0	0	0	30.3	36.8	0	0	0	0	0	0
1730	15	1	12	0	2	0	ő	0	0	0	0	1730	0	0	0	0	4	4	6	3	1	0	0	0	0	32.2	35.4	0	0	0	0	0	0
1745	7	0	6	0	1	0	0	0	0	0	0	1745	0	0	0	0	0	2	2	1	0	1	0	0	0	34 -	33.4	0	0	0	0	0	0
1800	19	2	15	0	2	0	0	0	0	0	0	1800	0	0	0	0	1	6	6	6	0	0	0	0	0	32.1	36.5	0	0	0	0	0	0
1815	20	0	19	0	1	0	0	0	0	0	0	1815	0	0	0	0	4	3	11	2	0	0	0	0	Ő	30.2	34.9	0	0	0	0	0	0
1830	14	0	14	0	0	0	ő	ő	ő	0	0	1830	0	0	ő	0	0	3	9	2	ő	0	0	0	Ő	32.3	35.8	0	0	0	0	0	0
1845	15	0	14	0	1	0	õ	õ	õ	õ	0	1845	õ	0	ő	0	0	4	10	1	õ	ő	õ	0	õ	31.5	34.6	0	0	õ	0	õ	õ
1900	8	0	8	0	0	0	ő	0	0	0	0	1900	Ő	0	0	0	0	5	1	2	0	0	0	0	0	31 -	04.0	0	0	0	0	0	0
1915	16	0	16	0	0	0	ő	ő	0	0	õ	1915	ŏ	0	ő	0	0	7	5	3	ő	1	0	0	ő	32.2	37.2	0	0	0	0	0	0
1930	18	1	17	0	ő	0	õ	õ	õ	Ő	0	1930	õ	0	õ	0	2	6	8	2	õ	0	ő	0	õ	31.1	34.8	0	0	Ő	0	Ő	õ
1945	10	0	9	0	1	0	õ	ő	õ	Ő	0	1945	õ	0	ő	0	1	4	4	1	õ	ő	ő	0	õ	30.3 -	01.0	0	0	Ő	0	ő	õ
2000	11	ő	11	ő	0	ő	õ	ő	õ	õ	õ	2000	õ	ő	ő	1	1	4	3	1	õ	1	õ	Ő	õ	30.4	41	ő	ő	õ	Ő	ő	õ
2015	12	0	11	0	1	0	õ	õ	õ	Ő	0	2015	õ	0	ő	1	0	4	5	2	õ	0	ő	0	õ	30.5	35.3	0	0	Ő	0	Ő	õ
2030	9	0	8	0	1	0	õ	õ	õ	Ő	0	2030	õ	0	õ	0	1	3	3	2	õ	ő	ő	0	õ	30.2 -	00.0	0	0	Ő	0	Ő	õ
2045	13	1	11	ő	1	ő	õ	õ	õ	õ	õ	2045	õ	ő	1	0	4	4	3	1	õ	õ	õ	ő	õ	27.4	33.5	õ	õ	ŏ	õ	ŏ	õ
2100	3	0	3	0	0	0	0	0	0	0	ō	2100	0	0	0	0	0	0	1	1	0	1	0	0	ō	40.1 -		0	0	0	0	0	0
2115	5	0	5	0	0	0	0	0	0	0	0	2115	0	0	0	0	0	0	2	2	1	0	0	0	ō	35.9 -		0	0	0	0	0	0
2130	5	0	5	0	ō	ō	ō	ō	ō	0	0	2130	õ	0	ō	ō	1	ō	3	1	0	0	ō	ō	ō	30.5 -		0	0	ō	0	ō	0
2145	3	0	2	0	1	0	0	0	0	0	0	2145	0	0	0	0	1	1	0	1	0	0	0	0	0	29.3 -		0	0	0	0	0	0
2200	6	ō	6	ō	0	ō	ō	ō	ō	ō	ō	2200	0	0	Ó	0	Ó	1	4	0	ō	0	1	ō	ō	34.6 -		õ	0	ō	ō	ō	0
2215	3	ō	3	ō	0	ō	ō	Ó	ō	ō	ō	2215	0	0	ō	0	0	Ó	0	2	1	0	Ó	ō	ō	40.1 -		0	0	ō	ō	ō	0
2230	1	0	1	0	0	0	0	0	0	0	0	2230	0	0	0	0	0	0	1	0	0	0	0	0	0	30.4 -		0	0	0	0	0	0
2245	4	0	3	0	1	0	0	0	0	0	0	2245	0	0	0	0	1	0	2	1	0	0	0	0	0	31.6 -		0	0	0	0	0	0
2300	3	0	3	0	0	ō	ō	ō	ō	ō	ō	2300	ō	0	0	0	0	1	1	1	0	ō	ō	ō	ō	32.2 -		ō	ō	ō	ō	ō	ō
2315	2	0	2	0	0	0	0	0	0	0	0	2315	0	0	0	0	1	0	0	0	1	0	0	0	0	33.2 -		0	0	0	0	0	0
2330	2	0	2	0	0	0	0	0	0	0	0	2330	0	0	0	0	0	1	1	0	0	0	Ō	0	0	28.4 -		0	0	0	0	0	0
2345	1	0	1	0	0	0	0	0	0	0	0	2345	0	0	0	0	0	1	0	0	0	0	0	0	0	29 -		0	0	0	0	0	0
07-19	763	13	639	5	98	3	3	0	1	0	1	07-19	0	0	6	6	64	246	320	100	17	3	1	0	0	30.8	35.3	0	0	0	0	0	0
06-22	912	15	778	5	105	4	3	0	1	0	1	06-22	0	0	7	8	77	296	371	127	19	6	1	0	0	30.8	35.4	0	0	0	0	0	0
06-00	934	15	799	5	106	4	3	0	1	0	1	06-00	0	0	7	8	79	300	380	131	21	6	2	0	0	30.9	35.5	0	0	0	0	0	0
00-00	944	15	809	5	106	4	3	0	1	0	1	00-00	0	0	7	8	79	302	381	136	23	6	2	0	0	30.9	35.6	0	0	0	0	0	0

TSP Class Profile All Days 15 Mins

Report Id - CustomList-19 Site Name - SPRING HILL Description - SPRING HILL [60M] Direction - West

04 April 2017

Time	Total	Cls 1	Cls 2	Cls 3	Cls 4	Cls 5	Cls 6	Cls 7	Cls 8	Cls 9	Cls 10	Fix1	Time	Vbin 0 5	Vbin 5 10	Vbin 10	Vbin 15 20	Vbin 20 25	Vbin 25 30	Vbin 30	Vbin 35 40	Vbin 40	Vbin 45 50	Vbin 50	Vbin 55 60	Vbin 60 130	Mean	Vpp 85]PSL 60]PSL% 60	JSL1 68 ACPO]SL1% 68 ACPO	75]SL2% 75 DFT	Fix1
0000	0	0	C) 0	0	0	0	() () () (0000	9		15	20	25	30	35	40	45		55 0	0	130	-	-	0	0			DFT 0	0	
0015	0	ō	C		0	0	0	Ċ					0015	0		0	0	0	0	0	ō	ō	0		0	0		-	0		c	0 0	0	0	
0030	0	0	C		0	0	0	(0030	0			0	0	0	0	0	0	0	0	0	0		-	0	•	C		0	0	
0045 0100	0	0	0		0	0	0	(, ,				0045 0100	0		0	0	0	0	0	0	0	0	0	0	0		-	0	•	C		0	0	
0100	0	0	0		0	0	0	(0100	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0	0	0		0	0	
0130	0	0	C		0	0	0	0					0130	0		0	0	0	0	0	0	0	0	0	0	0		-	0	0	C		0	0	
0145	0	0	0		0	0	0	(, ,	· ·			0145	0		0	0	0	0	0	0	0	0	0	0	0		-	0	•	C		0	0	
0200 0215	0	0	0	0	0	0	0	(0200 0215	0		0	0	0	0	0	0	-	0	0	0	0	31.4	-	0	•	0		0	0	
0230	ó	0	C	-	0	0	0	(, ,	· ·	, ,		0230	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0		0		0	0	
0245	0	0	C) 0	0	0	0	0) () () (i i i	0245	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	C) 0	0	0	
0300	0	0	0		0	0	0	0	, ,				0300	0		0	0	0	0	0	0	0	0	0	0	0		-	0	•	C		0	0	
0315 0330	0	0	C		0	0	0	(0315 0330	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0	0	C		0	0	
0345	0	0	C		0	0	-	0	, ,				0345	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0	0	c		0	0	
0400	0	0	C	, v	0	0	0	(0 0	· ·	, ,		0400	0		0	0	0	0	0	0	0	0	0	0	0	-	-	0	•	C		0	0	
0415	0	0	0	0	0	0	0	(0415 0430	0		0	0	0	0	0	0	•	0	0	0	0		-	0	•	0		0	0	
0430 0445	0	0	1	-	0	0	0	(0430	0	0	0	0	0	0	0	0	0	0	0	0	0	33.1	-	0	0	0		0	0	
0500	1	0	1	0	0	0	Ő	Ċ					0500	0	-	0	0	0	0	1	0	0	0	0	0	0	33.7	-	0	0	C		0	0	
0515	0	0	C		0	0	0	0	, ,				0515	0		0	0	0	0	0	0	0	0	0	0	0		-	0	0	C		0	0	
0530	2	0	2	2 0	0	0	0	(0530 0545	0	0	0	0	0	0	0	1	1	0	0	0	0	39.9 24.4		0	0	C		0	0	
0545 0600	1	0	1	0	0	0	0	(, ,				0545	0	-	0	0	0	0	1	0	0	0	0	0	0	33.6		0	-	0		0	0	
0615	4	0	4		0	0	0	Ċ	0 0				0615	0		0	0	1	1	1	1	0	0	0	0	0	29.4		0	0	c		0	0	
0630	6	0	6		0	0	0	0					0630	0			0	0	0	4	1	0	1	0	0	0	36.3		0	•	C		0	0	
0645 0700	9 10	0	8		1	0	0	(0645 0700	0	0	0	0	1	2	2	4	0	0	0	0	0	33 35.8	-	0	•	0		0	0	
0700	14	1	11	· ·	2	0	0	(, ,				0700	0	-	0	0	0	3	7	4	0	0	0	0	0	33.6	38.7	0	-	0		0	0	
0730	18	0	16	6 0	2	0	0	C	0 0) () (i i i	0730	0	0	0	0	0	2	8	7	1	0	0	0	0	34.1	37.5	0	0	C	0 0	0	0	
0745	10	0	10		0	0	-	(0745	0		0	0	0	2	6	2	0	0	0	0	0			0	-	C		0	0	
0800 0815	22 17	0	18 15		4	0	0	(, ,				0800 0815	0	0	0	0	2	5 5	6	6	3	0	0	0	0	33.1 32.9	40 38.7	0	-	C		0	0	
0830	22	0	21		1	0	0	0					0830	0		0	0	1	2	12	5	1	0	1	0	0	34.1	36.9	0	-	C		0	0	
0845	30	0	27		3	0	0	(0 0				0845	0		0	0	0	7	13	9	0	1	0	0	0	33.1	37.4	0	0	C		0	0	
0900	9	0	g		0	0	0	(0900	0			0	0	1	6	2	0	0	0	0	0	33	-	0	-			0	0	
0915 0930	12 14	0	9 13	, v	3	0	0	() (· ·			0915 0930	0	0	0	0	3	5	3	1	0	0	0	0	0	29 32.5	34.9 37	0	-	0		0	0	
0945	15	1	13		1	0	Ő	Ċ					0945	0	0	2	0	1	5	5	2	0	0	0	0	0	28.7	34.8	0	-	C		0	0	
1000	11	1	10		0	0	-	(1000	0		0	0	0	3	5	2	0	0	0	0	0		35.4	0	-	C		0	0	
1015	11	1	g	· ·	1	0	0	(, ,	· ·	, ,		1015	0		0	0	0	5	3	2	1	0	0	0	0	32.2	39.3	0	-	C		0	0	
1030 1045	11 10	0	8 10		3	0	0	(, ,				1030 1045	0		0	0	1	4	5	1	0	0	0	0	0	31 31.4	35.6	0	-	0		0	0	
1100	15	0	10		5	0	0	(, ,	· ·	, ,		1100	0		0	0	0	5	6	3	0	1	0	0	0	32.5	36.7	0	•	C		0	0	
1115	13	0	12		1	0	0	0	, ,				1115	0		0	0	1	4	6	0	1	0	1	0	0	32.2	39.5	0	•	C		0	0	
1130	9	0	6		3	0	0	() (· ·			1130	0	0	0	0	0	3	6	0	0	0	0	0	0	30.9	-	0	0	0		0	0	
1145 1200	9 17	0	15		2	0	0	(1145 1200	0	0	0	0	3	2	2	2	0	0	0	0	0	29.4 32.3	- 36.1	0	0	0		0	0	
1215	7	0	5		2	0	-	Ċ					1215	0	-	0	0	1	2	4	0	0	0	-	0	0	29.4	-	0	-	C		0	0	
1230	13	0	9		3	1	0	0	, ,	· ·	, ,		1230	0		0	0	0	4	7	2	0	0	0	0	0	31.9	35.9	0	•			0	0	
1245	8	0	6		2	0	0	(, ,				1245	0	0	0	0	2	1	5	0	0	0	0	0	0	29.3	-	0	•	0		0	0	
1300 1315	18 9	3	12		3	0	0	(· ·	, ,		1300 1315	0		1	3	3	5	3	3	0	0	0	0	0	26.7 32.5	35.4	0	•	0		0	0	
1330	12	Ő	g		2	0	1	Ċ					1330	0		0	0	1	3	3	4	1	0	-	0	0	33	39.1	0	-	-	0 0	0	Ő	
1345	13	0	13		0	0	-	0					1345	0		0	0	1	2	8	2	0	0	0	0	0		35.4	0	-	C		0	0	
1400	15	1	13	8 0	1	0	0	(0 0) () ()	1400	0	0	1	1	3	1	5	3	1	0	0	0	0	30.4	38.7	0	0	C) 0	0	0	

144 15 0 1 0 1 0 1 0 1 0 1 0 0 0 0	1415	14	1	10	0	3	0	0	0	0	0	0	1415	0	0	0	2	0	2	6	2	1	1	0	0	0	32.8	41	0	0	0	0	0	0
1446 20 1 1 0 0 0 0 1 0 0 0 0			Ó			1	ō	1	õ	ō	õ	ō		ō	ō	ō	0	ō	4	6		1	Ó	ō	ō	ō			ō	ō	ō	ō	ō	ō
1550 15 1			1		Ó	1	1	0	0	Ó	0	0		Ó	Ó	0	1	0	4	4	9	2	Ó	Ó	0	0			0	0	0	0	0	0
1580 9			0	12	0	1	0	0	0	0	0	0		0	0	0	0	1	3	8	1	0	0	0	0	0			0	0	0	0	0	0
154 20 0 16 0 6 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0	1515	15	1	10	0	4	0	0	0	0	0	0	1515	0	1	0	0	0	7	5	2	0	0	0	0	0	29.1	35.2	0	0	0	0	0	0
1546 20 0 16 0 6 0 1 <td></td> <td></td> <td>0</td> <td></td> <td>Ó</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>Ó</td> <td>0</td> <td>0</td> <td></td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3</td> <td>11</td> <td>3</td> <td>1</td> <td>Ó</td> <td>Ó</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>			0		Ó	0	0	0	0	Ó	0	0		1	0	0	0	0	3	11	3	1	Ó	Ó	0	0			0	0	0	0	0	0
1615 20 0 20 0 <td>1545</td> <td>20</td> <td>0</td> <td>16</td> <td>0</td> <td>4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1545</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2</td> <td>3</td> <td>12</td> <td>1</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>32.2</td> <td>35.8</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1545	20	0	16	0	4	0	0	0	0	0	0	1545	0	0	0	0	2	3	12	1	2	0	0	0	0	32.2	35.8	0	0	0	0	0	0
1650 2 0 2 1 0 1 0 0 0 3 9 1 2 0 0 0 3 8 0 0 0 3 8 0 0 0 3 8 1 0 0 0 3 8 1 1 0 0 0 3 8 4 0 0 0 3 8 4 0	1600	22	0	16	0	6	0	0	0	0	0	0	1600	0	0	0	0	1	4	8	5	3	1	0	0	0	34.1	41.3	0	0	0	0	0	0
1646 19 2 15 0 2 0 0 1 0 0 0 2 0 <td>1615</td> <td>20</td> <td>0</td> <td>20</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1615</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>4</td> <td>6</td> <td>7</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>34.3</td> <td>39.8</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1615	20	0	20	0	0	0	0	0	0	0	0	1615	0	0	0	0	1	4	6	7	2	0	0	0	0	34.3	39.8	0	0	0	0	0	0
1705 21 0 77 0 4 0 <td>1630</td> <td>25</td> <td>0</td> <td>24</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1630</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>3</td> <td>9</td> <td>11</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>35</td> <td>39.4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1630	25	0	24	0	1	0	0	0	0	0	0	1630	0	0	0	0	0	3	9	11	2	0	0	0	0	35	39.4	0	0	0	0	0	0
171 0 7 0 0 0 0 773 2 0 <td>1645</td> <td>19</td> <td>2</td> <td>15</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1645</td> <td>0</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>2</td> <td>8</td> <td>5</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>32.6</td> <td>39.9</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1645	19	2	15	0	2	0	0	0	0	0	0	1645	0	0	2	0	0	2	8	5	1	1	0	0	0	32.6	39.9	0	0	0	0	0	0
1750 25 0 22 0 3 0 0 0 0 0 5 1 7 2 0 0 0 0 0 0 35 5 7 0 </td <td>1700</td> <td>21</td> <td>0</td> <td>17</td> <td>0</td> <td>4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1700</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>9</td> <td>8</td> <td>4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>31.8</td> <td>37</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1700	21	0	17	0	4	0	0	0	0	0	0	1700	0	0	0	0	0	9	8	4	0	0	0	0	0	31.8	37	0	0	0	0	0	0
17480 19 0 13 0 1 0 </td <td>1715</td> <td>17</td> <td>0</td> <td>17</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1715</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2</td> <td>8</td> <td>5</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>35</td> <td>40</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	1715	17	0	17	0	0	0	0	0	0	0	0	1715	0	0	0	0	0	2	8	5	2	0	0	0	0	35	40	0	0	0	0	0	0
1805 9 1 7 0 1 0	1730	25	0	22	0	3	0	0	0	0	0	0	1730	0	0	0	0	0	5	11	7	2	0	0	0	0		37.2	0	0	0	0	0	0
1815 15 0 12 0 3 0 <td></td> <td>15</td> <td>0</td> <td></td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>5</td> <td>6</td> <td>3</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>36.5</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>		15	0		0	2	0	0	0	0	0	0		0	0	0	0	0	5	6	3	1	0	0	0	0		36.5	0	0	0	0	0	0
1830 20 0 15 0 1 0 0 0 1 0 <td></td> <td></td> <td>1</td> <td></td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> <td>3</td> <td>4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>			1		0	1	0	0	0	0	0	0		0	0	0	1	0	1	3	4	0	0	0	0	0			0	0	0	0	0	0
184 1 0 1 0 0 0 0 1 0 7 4 1 0 0 34 38 0 <td></td> <td></td> <td>0</td> <td></td> <td>0</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>0</td> <td>1</td> <td>7</td> <td>6</td> <td>1</td> <td>0</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>			0		0	3	0	0	0	0	0	0		0	-	-	0	1	7	6	1	0	-	-					0	0	0	0	0	0
1900 15 0 14 0 1 0			0		-	4	•	1	0	0	0	-		0	-	-	1	0	6	8	4	1	-	-	-	-			-	0	0	0	0	0
1915 8 0 7 0 1 0 0 0 0 0 1 0			0		0	1	0	0	0	0	0	0		0	0	0	0	1	0	7	4	1	0	0	-	-			-	0	0	0	0	0
1930 8 1 5 0 0 4 0 0 0 1 12 0 <td></td> <td></td> <td>0</td> <td></td> <td></td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>0</td> <td>•</td> <td>0</td> <td>0</td> <td>1</td> <td>4</td> <td>5</td> <td>3</td> <td>2</td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>39.7</td> <td>0</td> <td>-</td> <td></td> <td>-</td> <td>0</td> <td>0</td>			0			1	0	0	0	0	0	-		0	•	0	0	1	4	5	3	2		0				39.7	0	-		-	0	0
13 0 9 0 4 0			0		-	1	0	0	0	0	0	0		0	0	0	0	0	2	5	1	-		0	0	•			0	0	-	-	0	0
200 9 0 8 0 1 0			1		-	0	0	1	0	0	0	1		0	1	2	0	0	2	1	2	0		-	-	0			0	0	-	-	0	0
2015 5 0 5 0 5 0 5 0 0 0 2015 0 </td <td></td> <td></td> <td>0</td> <td></td> <td>-</td> <td>4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>0</td> <td>0</td> <td>-</td> <td>0</td> <td>1</td> <td>2</td> <td>6</td> <td>3</td> <td>1</td> <td>-</td> <td>-</td> <td></td> <td>0</td> <td></td> <td>37.5</td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td>			0		-	4	0	0	0	0	0	-		0	0	-	0	1	2	6	3	1	-	-		0		37.5	0	-	-	-	0	0
2030 5 0 5 0			0	-	-	1	-	0	0	0	0	-			-	0	0	0	1	4	4	-		-	-	0			0	-	-	-	0	0
2045 7 0 6 0 1 0 0 0 2400 0 </td <td></td> <td></td> <td>0</td> <td></td> <td>-</td> <td>0</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>0</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>2</td> <td>0</td> <td>3</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td>			0		-	0	-	0	0	0	0	-		0	-	0	0	0	2	0	3	-	-	-	-	0			0	-	-	-	0	0
2100 5 0 4 0 1 0 1 0		5	-	-	-	0	-	0	0	0	0	-		0	-	-	0	0	0	3	0		-	-	-	0			0	-	-	-	0	0
2115 1 0 1 0 0 0 0 0 2115 0 </td <td></td> <td>7</td> <td>0</td> <td>6</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td></td> <td>-</td> <td>-</td> <td>0</td> <td>0</td> <td>2</td> <td>5</td> <td>0</td> <td></td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td>		7	0	6	-	1	0	0	0	0	0	-			-	-	0	0	2	5	0			0		0			0	-	-	-	0	0
210 2 0 0 0 0 2145 0 </td <td></td> <td>5</td> <td>0</td> <td>4</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>0</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>4</td> <td>0</td> <td>-</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td>		5	0	4	-	1	0	0	0	0	0	-		0	-	0	0	0	1	4	0	-		0	0	0			0	-	-	-	0	0
2145 3 0 2 0 1 0 0 0 0 2145 0 </td <td></td> <td>1</td> <td>-</td> <td>1</td> <td>-</td> <td>0</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td>		1	-	1	-	0	-	0	0	0	0	-		0	-	-	0	0	0	0	1	-	-	-	-	0			0	-	-	-	0	0
2200 6 0 5 0 1 0 0 0 0 2200 0 1 1 1 1 0 0 34.6 - 0 <			0			0	-	0	0	0	0	-		-	-	-	0	0	0	2	0			-	-	0			0	-			0	0
2215 3 0 2 0 1 0 0 0 0 2215 0 0 1 0 0 0 22.7 0		3	0		•	1	•	0	0	0	0	•		0	•	0	0	2	0	0	1	0		•	-	0			0	•	-	•	0	0
2230 4 0 3 0 1 0 0 0 0 2230 0 </td <td></td> <td>0</td> <td>0</td> <td></td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>0</td> <td>1</td> <td>1</td> <td>3</td> <td>1</td> <td>1</td> <td></td> <td>-</td> <td>-</td> <td>0</td> <td></td> <td></td> <td>0</td> <td>-</td> <td></td> <td>-</td> <td>0</td> <td>0</td>		0	0		-	1	0	0	0	0	0	-		0	-	-	0	1	1	3	1	1		-	-	0			0	-		-	0	0
2300 2 0 1 0 0 0 0 0 2300 0<		3	0		-	1	0	0	0	0	0			0	-	-	0	1	1			-	-	-	-	0			0	-	-	-	0	0
2300 2 0 2 0		4	0	1		0	0	0	0	0	0	-		0	-	-	0	0	4	2	0					0			0	-	-	-	0	0
2315 0		2	0	2	-	0	0	0	0	0	0	0		0	•	0	0	0	0	1	1	-	-	-	0	0			0	0	0	-	0	0
2330 0			0		-	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	-		•	0	0	33.0 -		0	0	0	-	0	0
2345 1 0 0 1 0 0 0 0 245 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td>0-</td> <td></td> <td></td> <td>0</td> <td>-</td> <td>-</td> <td>-</td> <td>0</td> <td>0</td>						-	0	0	0	0	0	-		0	0	0	0	0	0	0	0	-		-	-	0-			0	-	-	-	0	0
07-19 729 14 620 0 90 2 3 0 0 0 07-19 1 2 6 9 32 167 307 165 33 5 2 0 0 32.3 37.2 0 <t< td=""><td></td><td>1</td><td>-</td><td>-</td><td>-</td><td>-</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>-</td><td></td><td>0</td><td>•</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>-</td><td>-</td><td>-</td><td>-</td><td>0</td><td>0</td><td></td><td></td><td>0</td><td>-</td><td>-</td><td>-</td><td>0</td><td>0</td></t<>		1	-	-	-	-	0	0	0	0	0	-		0	•	0	0	0	1	0	-	-	-	-	0	0			0	-	-	-	0	0
06-22 830 15 707 0 101 2 4 0 0 1 06-22 1 3 8 9 38 186 350 189 38 6 2 0 0 37.2 0		729		-			2	3	0	0	0	Ő		1	2	6	9	32	167	-		-		2	Ő	0		37.2	ő	Ő	Ő	Ő	Ő	0
06-00 847 15 720 0 105 2 4 0 0 1 106-00 1 3 8 9 40 190 357 192 39 6 2 0 0 32.3 37.2 0 0 0 0 0 0 0							2	4	ő	ő	ő	1		1	3	8	9						6	2	õ	ő			õ	õ	õ	õ	õ	0
							2	4	0	0	0	1		1	3	8	9						6	-	0	-			0	0	0	0	0	0
							2	4	0	0	0	1		1	3	8	9						6	2	0	0			0	0	0	0	0	0

05 April 2017

Time	Total	Cls	Cls 2	Cls	Cls	Cls	Cls	Cls	Cls 8	Cls	Cls 10	Fix1	Time	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Mean	Vpp	JPSL]PSL%]SL1]SL1%]SL2]SL2%	Fix1
		1	2	3	4	5	6		8	9	10			0 5	5 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 130		85	60	60	68 ACPO	68 ACPO	75 DFT	75 DFT	
0000	1	0	1	0	0	0	0	0	0	0	0		0000	0	0	0	0	0	0	1	0	0	0	0	0	0	32.8		0	0	0	0	0	0	
0015	0	0	0	0	0	0	0	0	0	0	0		0015	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0030	0	0	0	0	0	0	0	0	0	0	0		0030	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0045	1	0	1	0	0	0	0	0	0	0	0		0045	0	0	0	0	0	0	0	1	0	0	0	0	0	38.3	-	0	0	0	0	0	0	
0100	0	0	0	0	0	0	0	0	0	0	0		0100	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0115	0	0	0	0	0	0	0	0	0	0	0		0115	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0130	0	0	0	0	0	0	0	0	0	0	0		0130	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0145	0	0	0	0	0	0	0	0	0	0	0		0145	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	0	0	0	0		0200	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0215	0	0	0	0	0	0	0	0	0	0	0		0215	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0230	0	0	0	0	0	0	0	0	0	0	0		0230	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0245	0	0	0	0	0	0	0	0	0	0	0		0245	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0300	0	0	0	0	0	0	0	0	0	0	0		0300	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0315	0	0	0	0	0	0	0	0	0	0	0		0315	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0330	0	0	0	0	0	0	0	0	0	0	0		0330	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0345	0	0	0	0	0	0	0	0	0	0	0		0345	0	0	0	0	0	0	0	0	0	0	0	0	0		-	0	0	0	0	0	0	
0400	2	0	2	0	0	0	0	0	0	0	0		0400	0	0	0	0	0	0	1	1	0	0	0	0	0	35.8		0	0	0	0	0	0	
0415	1	0	1	0	0	0	0	0	0	0	0		0415	0	0	0	0	0	0	1	0	0	0	0	0	0	30.4	-	0	0	0	0	0	0	
0430	0	0	0	0	0	0	0	0	0	0	0		0430	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0445	0	0	0	0	0	0	0	0	0	0	0		0445	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	0	0	0	0	0	0	
0500	1	0	1	0	0	0	0	0	0	0	0		0500	0	0	0	0	0	0	1	0	0	0	0	0	0	33.3	-	0	0	0	0	0	0	

0700 0715 0730 0745 0800 0815 0830 0845 0900 0915 0930 0945 1030 1045 1100 1015 1030 1045 1100 1115 1130 1145 1130 1245 1200 1215 1230 1245 1300 1245 1330 1345 1345 1330 1445 155 1530 1545 1600 1615 1545 1630 1645 1770 1715 1730 1745 1830 1845 1850 1850 1850 1850 1850 1850 1850 185	16 15 11 11 12 11 12 11 12 11 12 12 11 12 12	0 0 0 0 1 0 0 0 2 0 0 0 0 2 0 1 2 0 1 0 0 2 0 0 0 3 1 2 3 0 2 0 0 1 1 0 0 0 1 1 1 1 0 0 0 1 1 1 0	$\begin{smallmatrix}1&2\\1&1\\6&4\\10&7\\13&12\\10&21\\9&13&5\\12&1&1&1&1&0\\9&9&14&1&0&1&5\\1&1&1&1&1&0&9\\9&1&1&0&1&1&1&1&1\\1&1&1&1&1&1&1&1\\1&1&1&1&$	$\begin{smallmatrix} 0 & 0 \\ 0 $	1 0 0 0 0 2 0 0 2 3 2 3 0 1 2 0 2 2 2 1 1 1 1 0 7 1 1 0 4 1 2 0 2 2 0 2 3 2 2 0 2 2 2 4 2 4 2 4 2 1 5 2 1 1 3 2 0 1 1 0 1 1 0 1 0 0 0 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0	0515 0530 0645 0600 0615 0630 0745 0730 0745 0830 0845 0900 0915 0930 0945 1000 1015 1030 1045 1100 1115 1230 1245 1200 1215 1230 1315 1330 1345 1400 1415 1430 1445 1515 1530 1545 1630 1645 1700 1515 1530 1645 1715 1730 1645 1645 1645 1700 1715 1730 1645 1645 1645 1645 1645 1645 1645 1700 1615 1630 1645 1700 1615 1630 1645 1700 1615 1630 1645 1630 1645 1700 1715 1730 1645 1630 1645 1630 1645 1700 1715 1730 1645 1630 1645 1700 1715 1730 1645 1630 1645 1630 1645 1700 1715 1730 1645 1630 1645 1630 1645 1700 1715 1730 1645 1630 1645 1700 1715 1730 1745 1630 1645 1630 1645 1700 1715 1730 1745 1630 1645 1730 1745 1630 1645 1730 1745 1	$\circ \circ $	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0	1 0 0 0 1 1 2 1 3 5 7 7 2 4 9 5 7 5 3 4 7 1 6 3 5 1 4 5 4 5 4 6 5 7 4 10 4 3 4 3 7 2 2 7 3 2 4 5 5 1 4 3 4 0 2 2 1 2 3 2 2 1 0 0 1 1	0 2 1 1 2 2 2 2 7 7 3 9 8 14 10 3 4 2 7 8 6 4 1 9 10 2 5 10 7 0 4 11 3 3 3 4 8 5 6 11 15 8 8 13 12 9 7 6 4 11 0 6 7 6 2 3 5 6 2 4 1 3 1 3 0 0	0 0 0 0 2 1 4 2 5 4 2 5 7 1 5 1 2 1 3 1 0 4 3 2 3 4 2 4 1 3 2 3 1 3 2 3 2 5 7 5 2 3 5 4 8 10 6 5 9 9 3 6 7 2 3 3 1 2 4 3 1 1 2 2 0 1	1 0 0 0 0 1 1 2 2 2 0 3 0 0 2 1 1 1 3 0 1 0 0 0 0 1 1 0 1 2 0 0 0 1 0 4 3 1 2 1 0 6 1 2 0 1 2 0 1 0 0 1 0 1 1 0 1 0 1 0 1 0	0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	34.5 - 32.3 - 32.5 - 32.7 - 32.5 - 32.3 - 32.4 - 32.3 - 32.4 - 32.3 - 32.4 - 32.3 - 32.4 - 32.3 - 32.4 - 32.3 - 32.4 - 32.3 - 32.8 - 30.3 - 32.9 - 30.3 - 32.1 - 30 34.4 - 32.9 - 30.3 - 2.5 - 30.3 - 2.6 - 30.3 - 3.2 - 30.3 - 3.2 - 30.3 - 3.3 - 32.5 - 3.0 - 32.6 - 3.0 - 33.3 - 3.3 - 33.4 - 3.3 - 33.4 - 3.3 - 33.4 - 3.3 - 33.4 - 3.3 - 34.4 - 3.5 - 34.4 - 3.5 - 34.4 - 3.5 - 34.4 - 3.5 - 34.4 - 3.5 - 34.9 - 3.5 -	38.9 37.1 38 39 39.2 37.3 40.6 37.4 38.7 44 39.8 35.9 38.8 36.9 38.8 35.9 38.8 35.9 38.8 35.9 38.6 36.7 37.1 37.1 39.8 37.5 35.6 36.7 37.1 37.1 37.1 37.5 35.8 37.1 37.1 37.1 37.1 37.5 35.8 37.1 37.1 37.1 37.1 37.1 37.1 37.1 37.1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{smallmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2000 2015 2030 2045 2100 2115	5 5 4 6 1	0 0 0 0	10 5 4 4 6 1	0 0 0 0 0	0 1 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0	2000 2015 2030 2045 2100 2115	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0	0 0 0	2 1 0 1	4 1 3 1 3 0	1 1 2 2 0	1 0 1 1 0	0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	35.9 32.8 - 32.9 - 38 - 36.5 - 27.2 -	47.3	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0

2315	1	0	1	0	0	0	0	Ō	0	0	0	2315	0	0	0	0	0	1	0	0	0	0	0	0	0	29.2 -		0	0	0	0	0	0
2330	2	0	1	0	1	0	0	0	0	0	0	2330	0	0	0	0	0	1	0	1	0	0	0	0	0	31.8 -		0	0	0	0	0	0
2345	1	0	1	0	0	0	0	0	0	0	0	2345	0	0	0	0	1	0	0	0	0	0	0	0	0	21 -		0	0	0	0	0	0
07-19	816	30	651	4	86	7	35	1	0	1	1	07-19	0	6	14	12	29	204	310	180	53	6	1	1	0	32.2	38	0	0	0	0	0	0
06-22	917	32	742	4	94	7	35	1	0	1	1	06-22	0	6	17	12	34	223	345	208	59	10	2	1	0	32.3	38.1	0	0	0	0	0	0
06-00	931	32	754	4	96	7	35	1	0	1	1	06-00	0	6	17	12	36	227	349	209	61	11	2	1	0	32.3	38.1	0	0	0	0	0	0
00-00	942	32	764	4	97	7	35	1	0	1	1	00-00	0	6	17	12	36	228	356	211	62	11	2	1	0	32.3	38.1	0	0	0	0	0	0

06 April 2017

Time	Total	Cls 1	Cls 2	Cls 3	Cls 4	Cls 5	Cls 6	Cls 7	Cls 8	Cls 9	Cls 10	Fix1	Time	Vbin 0	Vbin 5	Vbin 10	Vbin 15	Vbin 20	Vbin 25	Vbin 30	Vbin 35	Vbin 40	Vbin 45	Vbin 50	Vbin 55	Vbin 60	Mean	Vpp 85]PSL 60]PSL% 60]SL1 68]SL1% 68]SL2 75]SL2% 75	Fix1
0000	1	0	1	0	0	0	0	C	0	0	0		0000	5 0	10	15	20	25	30	35	40	45	50	55	60	130	32 -		0	0	ACPO	ACPO 0	DFT	DFT 0	
0015	0		Ó	0	0	0	0	c		0	0		0015	0	-	0	0	0	0	0	0	0	0	0		0.			0	0	0	0	0	0	
0030	0	0	0	0	0	0	0	C	0 0	0	0		0030	0	0	0	0	0	0	0	0	0	0	0	0	0 -	-		0	0	0	0	0	0	
0045	1	0	1	0	0	0	0	C	-	0	0		0045	0		0	0	0	0	0	1	0	0	0	0	0	38.1 -		0	0	0	0	0	0	
0100 0115	0	0	0	0	0	0	0	C		0	0		D100 D115	0	0	0	0	0	0	0	0	0	0	0	0	0.			0	0	0	0	0	0	
0130	0	0	0	0	0	0	0	0		0	0		0130	0	0	0	0	0	0	0	0	0	0	0	0	0.			0	0	0	0	0	0	
0145	0	Ō	0	0	Ō	0	ō	c	0 0	0	Ō		0145	Ō	0	0	Ō	0	ō	Ō	Ō	0	Ō	ō	0	ō.	-		0	0	0	ō	Ō	Ō	
0200	0	0	0	0	0	0	0	C		0	0		0200	0		0	0	0	0	0	0	0	0	0		0 -	-		0	0	0	0	0	0	
0215	0	0	0	0	0	0	0	C	-	0	0		0215	0	0	0	0	0	0	0	0	0	0	0	-	0 -			0	0	0	0	0	0	
0230 0245	0	0	0	0	0	0	0	0		0	0		0230 0245	0	0	0	0	0	0	0	0	0	0	0	0	0.			0	0	0	0	0	0	
0300	0	0	0	0	0	ő	0	C		0	ő		0300	0	0	0	0	ő	Ő	0	ő	0	0	0	Ő	0.	-		0	0	0	ő	ő	0	
0315	0	0	0	0	0	0	0	C	0 0	0	0		0315	0	0	0	0	0	0	0	0	0	0	0	0	0 -	-		0	0	0	0	0	0	
0330	0	0	0	0	0	0	0	C	-	0	0		0330	0	0	0	0	0	0	0	0	0	0	0	0	0 -	-		0	0	0	0	0	0	
0345 0400	0	0	0	0	0	0	0	0	-	0	0		0345 0400	0	0	0	0	0	0	0	0	0	0	0	0	0.	-		0	0	0	0	0	0	
0400	0	0	0	0	0	0	0	0		0	0		0400 0415	0	•	0	0	0	0	0	0	0	0	0	-	0.			0	0	0	0	0	0	
0430	Ő	0	0	0	Ő	ő	0	C	-	Ő	ő		0430	0	0	0	0	0	Ő	Ő	ő	0	0	0	0	0.	-		0	0	0	ő	Ő	Ő	
0445	0	0	0	0	0	0	0	C) 0	0	0		0445	0	0	0	0	0	0	0	0	0	0	0	0	0 -	-		0	0	0	0	0	0	
0500	2	0	1	0	1	0	0	C	-	0	0		0500	0	-	0	0	0	1	1	0	0	0	0	0	0	30.7 -		0	0	0	0	0	0	
0515 0530	1	0	1	0	0	0	0	C		0	0		D515 D530	0	0	0	0	0	0	0	1	0	0	0	0	0	39.7 - 41.5 -		0	0	0	0	0	0	
0530	2	0	2	0	0	0	0	0		0	0		0545	0	0	0	0	0	0	2	0	0	0	0	0	0	31.4 -		0	0	0	0	0	0	
0600	0	Ő	0	Ő	Ő	Ő	Ő	C	-	Ő	ő		0600	Ő	Ő	Ő	Ő	ő	Ő	ō	ő	Ő	Ő	Ő	Ő	Ö-	-		Ő	ő	ő	õ	Ő	ő	
0615	5	0	5	0	0	0	0	C	0 0	0	0		0615	0	0	0	0	0	1	2	0	2	0	0	0	0	35.1 -		0	0	0	0	0	0	
0630	7	0	5	0	2	0	0	C	-	0	0		0630	0		0	0	0	1	2	2	2	0	0	-	0	35.6 -		0	0	0	0	0	0	
0645 0700	7	0	6 9	0	1	0	0	0		0	0		0645 0700	0	0	0	0	0	2	4	1	0	0	0	0	0	32.1 - 34.4 -		0	0	0	0	0	0	
0715	13	-	12	0	1	0 0	0	0	-	0	0		0715	0	-	0	0	0 0	5	1	5	2	0	0	0	0	34.3	43.2	0	0	0	ő	Ő	0	
0730	20	1	16	0	2	1	0	C	0	0	0		0730	0	0	0	0	0	3	8	7	2	0	0	0	0	34.8	39.6	0	0	0	0	0	0	
0745	17	0	15	0	1	0	1	C	-	0	0		0745	0		0	0	0	1	6	7	3	0	0	0	0	35.5	40.6	0	0	0	0	0	0	
0800 0815	20	0	14	0	6	0	0	C		0	0		0800	0	0	0	0	0	5	11 10	2 10	2	0	0	0	0	32.8	38.3 37.7	0	0	0	0	0	0	
0815	26 25	1	23 23	0	2	0	0	C		0	0		D815 D830	0	0	0	0	0	4	10	10	3	0	1	0	0	34.6 34.6	37.7	0	0	0	0	0	0	
0845	9	Ő	9	Ő	ō	Ő	Ő	C	-	Ő	ő		0845	Ő	Ő	Ő	Ő	ő	2	2	4	1	Ő	Ő	Ő	ő	34.8 -		Ő	ő	ő	õ	Ő	ő	
0900	19	0	14	0	4	1	0	C) 0	0	0		0900	0	0	0	0	0	6	9	2	2	0	0	0	0	32	37.2	0	0	0	0	0	0	
0915	18	0	17	0	1	0	0	C	-	0	0		0915	0	0	0	0	0	5	4	5	4	0	0	0	0	34.5	41.2	0	0	0	0	0	0	
0930 0945	15 14	1	11 10	0	3	0	0	C		0	0		0930 0945	0	0	1	0	1	3	4	5	0	1	0	0	0	32.2 31.8	38.6 40.4	0	0	0	0	0	0	
1000	22	1	16	2	1	0	1	0		1	0		1000	0	•	0	0	3	5	10	1	1	1	0	0	0	30.7	36.4	0	0	0	0	0	0	
1015	11	1	6	0	4	0	0	c	0	0	Ō		1015	Ō	0	1	Ō	ō	3	4	2	1	0	ō	0	ō	31.7	38.9	0	0	0	ō	Ō	Ō	
1030	19		15	0	3	0	0	C	-	0	0		1030	0	1	0	0	0	2	9	5	2	0	0	0	0	33	38.6	0	0	0	0	0	0	
1045	12	1	10	0	1	0	0	C	-	0	0		1045	0	0	1	0	0	5	1	4	1	0	0	0	0	31	38	0	0	0	0	0	0	
1100 1115	7 13	-	5 11	0	2	0	0	C	-	0	0		1100 1115	0	0	0	0	0	3	1	3	0	0	0	0	0	32.9 - 31.4	36.5	0	0	0	0	0	0	
1130	20	2	18	0	0	0	0	0		0	0		1130	0	0	1	0	0 0	6	5	6	2	0	0	0	0	32.7	39.8	0	0	0	ő	Ő	0	
1145	13	0	10	0	3	0	0	C	0	0	0		1145	0	0	0	0	0	2	7	4	0	0	0	0	0	33.5	37.4	0	0	0	0	0	0	
1200	19	0	12	1	5	1	0	C		0	0		1200	0	0	0	0	0	10	7	0	2	0	0	0	0	31.1	34.6	0	0	0	0	0	0	
1215 1230	13 18	0	11 15	0	2	0	0	C		0	0		1215 1230	0	0	0	0	0	5	3	5	0	0	0	0	0	31.7	36.8 37	0	0	0	0	0	0	
1230	18		15	0	2	0	0	0		0	0		1230	0	0	0	1	1	5	, 0	4	1	0	0	0	0	31.5 33.6	41.8	0	0	0	0	0	0	
1300	21	1	17	0	3	0	0	0	-	0	0		1300	0	-	1	1	0	4	8	5	2	0	0	0	0	32.3	38.5	0	0	0	0	0	0	
1315	8	0	6	0	2	0	0	C	0	0	0		1315	0	0	0	0	0	1	5	2	0	0	0	0	0	32.3 -		0	0	0	0	0	0	
1330	12		10	0	2	0	0	C	-	0	0		1330	0		0	0	0	3	4	3	2	0	0	-	0	34.2	40.6	0	0	0	0	0	0	
1345 1400	10 13		9 9	0	1	0	0	C		0	0		1345 1400	0	0	0	0	0	1	6	3	0	0	0	-	0	33.5 - 33	40.6	0	0	0	0	0	0	
1400	13	2	9	0	2	U	0	C	, 0	0	0		1400	0	0	1	0	U	2	4	4	2	0	0	0	0	33	40.6	0	0	0	U	U	0	

1415	12	0	0	0	4	0	0	0	0	0	0	1415	0	0	0	0	0	3	5	3	1	0	0	0	0	32.3	37.9	0	0	0	0	0	0	
1430	12	0	10	0	1	0	1	0	0	ŏ	ŏ	1430	ő	0	0	0	0	4	2	5	1	0	0	0	ő	33.8	39.4	0	0	0	0	ŏ	0	
1445	14	0	12	0	2	ő	0	0	0	ő	õ	1445	õ	ő	ő	ő	ő	7	3	š	0	1	õ	0	ő	31.9	36.8	0	0	Ő	0	ő	0	
1500	14	0	12	0	2	0	0	0	0	ő	ŏ	1500	ő	0	0	0	0	2	5	5	2	0	0	0	ő	35.1	40.2	0	0	0	0	0	0	
1515	15	2	10	0	2	ő	õ	0	1	ő	õ	1515	Ő	1	1	ő	2	3	4	2	2	0	õ	0	õ	29.9	39.8	0	0	Ő	0	ő	ő	
1530	20	1	18	0	1	0	0	0	0	0	0	1530	Ő	0	1	0	0	6	10	3	0	0	0	0	ő	31.2	35	ő	0	0	0	0	0	
1545	26	1	23	0	2	0	0	0	0	ŏ	ŏ	1545	0	1	0	0	0	6	11	7	1	0	0	0	ő	31.8	37.1	0	0	0	0	0	0	
1600	27	2	21	0	3	ő	õ	0	1	ő	õ	1600	Ő	1	1	ő	2	4	12	5	2	0	õ	0	ő	30.9	37.3	0	0	Ő	0	Ő	0	
1615	24	1	22	0	1	ő	õ	0	0	ő	õ	1615	1	1	2	ő	1	3	.2	4	0	3	õ	0	ő	30.3	40.6	0	0	Ő	0	Ő	0	
1630	20	ò	19	0	1	0	0	0	0	ő	ő	1630	ò	ò	0	0	0	5	6	7	2	0	0	0	0	34.5	38.6	0	0	0	0	0	0	
1645	23	0	20	0	3	Ő	ő	0	0	ő	õ	1645	õ	ő	0	ő	0	4	10	6	3	0	ő	0	õ	34.3	39.2	Ő	0	Ő	0	Ő	0	
1700	16	0	14	0	2	ő	õ	0	0	ő	õ	1700	Ő	ő	ő	ő	ő	3	.0	2	2	0	õ	0	ő	33.7	40	0	0	Ő	0	Ő	0	
1715	12	1	10	ő	1	õ	õ	0	ő	õ	ŏ	1715	õ	ő	ő	1	ő	ő	4	5	2	ő	õ	õ	õ	35	40.3	õ	õ	õ	õ	ő	0	
1730	21	1	17	0	3	Ő	ő	0	0	õ	õ	1730	õ	ő	0	0	1	4	9	4	1	2	õ	0	ő	34	39.6	0	0	Ő	õ	õ	0	
1745	17	1	15	0	1	Ő	ő	0	0	ő	õ	1745	õ	ő	0	1	0	1	10	3	2	0	õ	0	ő	32.8	38	Ő	0	Ő	0	Ő	0	
1800	9	Ö	.0	ő	1	õ	õ	0	ő	õ	ŏ	1800	õ	ő	ő	0	ő	3	4	2	0	ő	õ	õ	õ	32.5 -	00	õ	õ	õ	õ	ő	0	
1815	19	3	14	0	2	0	0	0	0	0	0	1815	0	0	1	1	3	0	8	4	2	0	0	0	ō	30.9	39.7	0	0	0	0	0	0	
1830	26	ō	23	ō	3	ō	ō	õ	ō	ō	ō	1830	ō	ō	Ó	Ó	1	ō	9	11	4	1	ō	õ	ō	36.2	40.7	ō	ō	ō	ō	ō	ō	
1845	17	0	16	0	1	0	0	0	Ó	0	0	1845	0	0	Ó	0	1	2	9	4	1	0	0	0	0	33	38.7	0	0	0	0	0	0	
1900	17	1	14	0	1	0	0	0	1	0	0	1900	0	0	Ó	1	1	3	6	6	0	Ó	0	0	0	32.2	37.3	0	0	0	0	0	0	
1915	12	1	10	0	1	0	0	0	0	0	0	1915	0	1	0	0	1	3	4	3	0	0	0	0	0	29.5	35.9	0	0	0	0	0	0	
1930	10	2	8	0	0	0	0	0	0	0	0	1930	0	1	0	0	1	1	2	4	1	0	0	0	0	31.2 -		0	0	0	0	0	0	
1945	10	0	9	0	1	0	0	0	0	0	0	1945	0	0	0	0	0	3	4	2	1	0	0	0	0	33.4 -		0	0	0	0	0	0	
2000	6	0	6	0	0	0	0	0	0	0	0	2000	0	0	0	0	0	3	3	0	0	0	0	0	0	30 -		0	0	0	0	0	0	
2015	6	0	6	0	0	0	0	0	0	0	0	2015	0	0	0	0	0	2	3	1	0	0	0	0	0	31.7 -		0	0	0	0	0	0	
2030	7	0	7	0	0	0	0	0	0	0	0	2030	0	0	0	0	0	1	5	1	0	0	0	0	0	31.6 -		0	0	0	0	0	0	
2045	7	0	6	0	1	0	0	0	0	0	0	2045	0	0	0	0	1	2	1	3	0	0	0	0	0	31.3 -		0	0	0	0	0	0	
2100	4	0	3	0	1	0	0	0	0	0	0	2100	0	0	0	0	0	1	3	0	0	0	0	0	0	30.9 -		0	0	0	0	0	0	
2115	6	0	5	0	1	0	0	0	0	0	0	2115	0	0	0	0	0	2	3	0	1	0	0	0	0	32.5 -		0	0	0	0	0	0	
2130	3	0	3	0	0	0	0	0	0	0	0	2130	0	0	0	0	0	0	3	0	0	0	0	0	0	33.5 -		0	0	0	0	0	0	
2145	5	0	4	0	1	0	0	0	0	0	0	2145	0	0	0	0	1	2	1	1	0	0	0	0	0	29.6 -		0	0	0	0	0	0	
2200	0	0	0	0	0	0	0	0	0	0	0	2200	0	0	0	0	0	0	0	0	0	0	0	0	0 -	-		0	0	0	0	0	0	
2215	4	0	4	0	0	0	0	0	0	0	0	2215	0	0	0	0	0	1	2	1	0	0	0	0	0	32.3 -		0	0	0	0	0	0	
2230	3	0	2	0	1	0	0	0	0	0	0	2230	0	0	0	0	0	2	1	0	0	0	0	0	0	29.1 -		0	0	0	0	0	0	
2245	3	0	3	0	0	0	0	0	0	0	0	2245	0	0	0	0	0	0	1	2	0	0	0	0	0	34.2 -		0	0	0	0	0	0	
2300	0	0	0	0	0	0	0	0	0	0	0	2300	0	0	0	0	0	0	0	0	0	0	0	0	0 -	-		0	0	0	0	0	0	
2315	5	0	5	0	0	0	0	0	0	0	0	2315	0	0	0	0	0	0	2	3	0	0	0	0	0	36 -		0	0	0	0	0	0	
2330	2	0	1	0	1	0	0	0	0	0	0	2330	0	0	0	0	0	2	0	0	0	0	0	0	0	28.3 -		0	0	0	0	0	0	
2345	0	0	0	0	0	0	0	0	0	0	0	2345	0	0	0	0	0	0	0	0	0	0	0	0	0 -	-		0	0	0	0	0	0	
07-19	795	28	659	4	94	4	3	0	2	1	0	07-19	1	6	13	5	18	165	307	200	70	9	1	0	0	32.9	38.5	0	0	0	0	0	0	
06-22	907	32	756	4	104	4	3	0	3	1	0	06-22	1	8	13	6	23	192	353	224	77	9	1	0	0	32.8	38.3	0	0	0	0	0	0	
06-00	924	32	771	4	106	4	3	0	3	1	U	06-00	1	8	13	6	23	197	359	230	77	9	1	0	0	32.8	38.3	0	0	0	0	0	0	
00-00	932	32	778	4	107	4	3	0	3	1	0	00-00	1	8	13	6	23	198	363	232	78	9	1	0	0	32.8	38.3	0	0	0	0	0	U	



5

A420/PINE WOODS RD/CHARNEY RD SOUTHMOOR DATE: 2 NOV 2017 TRAFFIC SURVEY SITE MAP

PINE WOODS RD



A420 E

A420 W

\$

CHARNEY RD

A420/PINE WOODS RD/CHARNEY RD SOUTHMOOR DATE: 2 NOV 2017 TRAFFIC SURVEY JUNCTION I SUMMARY

				PI	NE WO	OODS	RD									A42	20 E										СНА	ARNEY	Y RD									Α	420 V	v									т	OTAL				
AM	ARS	GHT GOODS EHICLES	OTAL LIGHT	EAVYS	USES AND OACHES	OTAL HEAVY	EDAL-CYCLES	OTORCYCLES	EAVY %	OTAL	ARS	GHT GOODS	EHICLES	OTAL LIGHT	EAVYS	USES AND OACHES	ОТАL НЕАVY	EDAL-CYCLES	OTORCYCLES		CAVI 70	OTAL OVEMENTS	ARS	GHT GOODS EHICLES	OTAL LIGHT	EAVYS	USES AND	OACHES	OTAL HEAVY	EDAL-CYCLES	OTORCYCLES	EAVY %	OTAL OVEMENTS	ARS	GHT GOODS	OTAL LIGHT	EAVYS	USES AND			EDAL-CYCLES	OTORCYCLES	EAVY %	OTAL OVEMENTS	ARS	GHT GOODS EHICLES	OTAL LIGHT	GV 1	USES AND	OTAL HEAVY	EDAL-CYCLES	OTORCYCLES	EAVY %	TOTAL MOVEMENTS
07:00 - 07:15	10	$\Box >$	+	I 0	<u>е</u> С	<u> </u>	6	Σ	I	11			>	⊢ 102	I 14	20	17	-	Σ	1.	2 1	$-\Sigma$	11		16	<u><u> </u></u>	<u>ш</u> (<u>ا د</u>	-	6	Σ	I	⊢Σ 16	240	64		I 15	<u> </u>		- (<u>1</u>	Σ	I	⊢Σ 420	457	76	E22	20	<u> </u>	22	-		<u><u> </u></u>	⊢∑ 566
07:15 - 07:30	10	1	20	0	0	.	0	0	0.0	20	11	18 10	6 1	134	17	0	17	0	0	11	3	151	17	3	20	- 0	1	+	1	0	0	4.8	21	345		404	21	1		2	0	1 4		442	400	04	503	29		40		1	6.3	634
07:30 - 07:45	19	1	10	0	0	-	0	0	0.0	20	11	10 1	0 1	134	22	2	25	0	0	1/	5	172	10	2	12	1	1	+	2	0	0	4.0	15	343	34	213	21	1	2	6	0	1 .		339	435	54	493	10		40	0	+ 1		537
07:45 - 08:00	12	6	18	0	1	1	0	0	5.3	10	11	16 3		146	18	1	10	1	0	11	5	166	20	0	20	$+\frac{1}{1}$	0		1	0	0	4.8	21	300	37	312	2.	2	2	2	0	0 6	5.1	359	423	73	521	30		43	1		7.6	565
08:00 - 08:15	14	3	17	Ő	0	ô	ő	Ő	0.0	17	13	37 19	9 1	156	20	2	22	0	0	12	4	178	14	0	14		1	+	î	0	0	6.7	15	307	43	350	10	2	2	Î I	0	2 4	5.7	373	472	65	537	39	5	44		2	7.6	583
08:15 - 08:30	13	1	14	0	0	ő	Ő	0	0.0	14	13	34 2	3 1	157	26	1	27	0	1	14	7	185	20	1	21	0	1		1	0	0	4.5	22	281	29	310	18	1	1	9	1	2 4	5.8	332	448	54	502	44	3	47	<u> </u>	3	8.6	553
08:30 - 08:45	16	2	18	õ	Ő	ő	Ő	0	0.0	18	11	16 2	5 1	141	20	0	20	1	0	12	.4	162	17	3	20	- 0	1		1	õ	õ	4.8	21	205	23	228	24	1	2	5	0	1 0	9.9	254	354	53	407	44	2	46			10.2	455
08:45 - 09:00	9	2	11	0	0	Ō	õ	0	0.0	11	10	08 1	2 1	120	14	0	14	1	0	10	.4	135	14	1	15	0	2		2	0	0	11.8	17	208	20	228	20	2	2	2	0	1 8	8.8	251	339	35	374	34	4	38	$\overline{1}$	\pm 1	9.2	414
09:00 - 09:15	15	5	20	0	0	0	Ő	0	0.0	20	10	09 10	6 1	125	11	0	11	0	0	8	1	136	11	3	14	0	0	1	0	0	0	0.0	14	210	28	238	26	1	2	7	0	2 1	0.2	267	345	52	397	37	1	38	0	2	8.7	437
09:15 - 09:30	11	2	13	0	0	Ō	Õ	0	0.0	13	9	1 10	6 1	107	20	2	22	0	0	17	.1	129	17	2	19	Ō	1		1	0	0	5.0	20	152	21	173	23	2	2	5	0	1 1	2.6	199	271	41	312	43	5	48	0	1	13.3	361
09:30 - 09:45	10	4	14	0	0	0	0	0	0.0	14	8	9 1	8 1	107	24	0	24	0	0	18	.3	131	12	4	16	1	1		2	1	0	11.1	19	125	24	149	20) 1	2	1	0	1 1	2.4	171	236	50	286	45	2	47	1	1	14.1	335
09:45 - 10:00	10	3	13	0	0	0	0	0	0.0	13	8	3 1	7 1	100	23	1	24	0	0	19	.4	124	14	3	17	1	1	- ·	2	0	0	10.5	19	162	34	196	27	0	2	7	0	2 1	2.1	225	269	57	326	51	2	53	0	2	14.0	
HOUR TOTALS								-																																														
07:00 - 08:00	50	9	59	0	1	1	0	0	1.7	60	45	58 7	2 !	530	71	7	78	1	0	12	.8 (609	58	11	69	2	2	<u> </u>	4	0	0	5.5	73	1263	3 209	147	2 81	. 5	8	6	0	2 5	5.5	1560	1829	301	213	0 154	4 15	169	1	2	7.4	2302
07:15 - 08:15	54	11	65	0	1	1	0	0	1.5	66	49	9 8	5 !	584	77	6	83	1	0	12	.4 (668	61	6	67	2	3	1	5	0	0	6.9	72	1230	188	141	8 85	6	9	1	0	4 6	5.0	1513	1844	290	213	4 164	16	180	1	4	7.8	2319
07:30 - 08:30	48	11	59	0	1	1	0	0	1.7	60	51	15 93	2 0	607	86	7	93	1	1	13	.3	702	64	4	68	2	3	1	5	0	0	6.8	73	1166	5 143	130	9 82	6	8	8	1	5 6	5.3	1403	1793	250	204	3 170	J 17	187	2	6	8.4	2238
07:45 - 08:45	55	12	67	0	1	1	0	0	1.5	68	50	03 9	7 (600	84	4	88	2	1	12	.8 (691	71	4	75	1	3	1	4	0	0	5.1	79	1093	3 132	122	5 81	. 6	8	7	1	5 6	5.6	1318	1722	245	196	/ 166	14	180	3	6	8.4	2156
08:00 - 09:00	52	8	60	0	0	0	0	0	0.0	60	49	95 79	9 !	574	80	3	83	2	1	12	.6	660	65	5	70	0	5	1	5	0	0	6.7	75	1001	1 115	111	6 81	6	8	7	1	6 2	7.2	1210	1613	207	182	J 161	. 14	175	; 3	7	8.8	2005
08:15 - 09:15	53	10	63	0	0	0	0	0	0.0	63	46	57 70	6 !	543	71	1	72	2	1	11	.7 (618	62	8	70	0	4		4	0	0	5.4	74	904	100	100	4 88	5	9	3	1	6 8	8.5	1104	1486	194	168	J 159	/ 10	169	1 3	7	9.1	1859
08:30 - 09:30	51	11	62	0	0	0	0	0	0.0	62	42	24 69	9 4	493	65	2	67	2	0	12	.0	562	59	9	68	0	4	1	4	0	0	5.6	72	775	92	867	93	6	9	9	0	5 1	0.2	971	1309	181	149) 158	\$ 12	170	1 2	5	10.2	1667
08:45 - 09:45	45	13	58	0	0	0	0	0	0.0	58	39	97 63	2 4	459	69	2	71	1	0	13	.4	531	54	10	64	1	4		5	1	0	7.2	70	695	93	788	89	6	9	5	0	5 1	0.8	888	1191	178	136	159	/ 12	171	1 2	5	11.1	1547
09:00 - 10:00	46	14	60	0	0	0	0	0	0.0	60	37	72 6	7 4	439	78	3	81	0	0	15	.6	520	54	12	66	2	3	-	5	1	0	7.0	72	649	107	756	96	4	10	00	0	6 1	1.7	862	1121	200	132	1 176	5 10	186	i 1	6	12.3	1514

			PI	NE WO	DODS R	RD								A42	0 E									с	HARN	EY RD									A42	20 W					Τ				т	OTAL				
PM	CARS LIGHT GOODS	VEHILLES TOTAL LIGHT	HEAVYS	BUSES AND COACHES	тотац неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	тотаl неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL	CARS	LIGHT GOODS	VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	тотаL неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	тотан цібнт	HEAVYS	BUSES AND COACHES	тотан неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS	VEHILLES	HEAVYS	BUSES AND	тотац неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS
16:00 - 16:15	8 6	14	0	0	0	0	0	0.0	14	184	49	233	11	0	11	0	3	4.5	247	1	5 8	3 3	24	1	2	3	0	0	11.1	27	159	33	192	9	1	10	0	0	5.0	202	367	7 96	463	3 21	. 3	24	0	3	4.9	490
16:15 - 16:30	9 1	10	0	0	0	0	0	0.0	10	238	52	290	14	0	14	0	3	4.6	307	1	3 1	4	32	1	1	2	0	0	5.9	34	156	22	178	12	2	14	0	1	7.3	193	42	1 89	510	0 27	3	30	0	4	5.6	544
16:30 - 16:45	11 6	17	2	0	2	0	0 1	10.5	19	267	54	321	8	0	8	0	1	2.4	330	1	7 9	9 :	26	0	2	2	1	0	7.1	29	158	23	181	14	1	15	0	1	7.7	197	45	3 92	545	5 24	1 3	27	1	2	4.7	575
16:45 - 17:00	4 3	7	0	0	0	0	0	0.0	7	234	51	285	16	0	16	0	2	5.3	303	10	3 0	3	18	2	1	3	0	0	14.3	21	160	23	183	21	1	22	0	0	10.7	205	408	8 85	49:	3 39	9 2	41	0	2	7.7	536
17:00 - 17:15	6 0	6	0	0	0	0	0	0.0	6	263	25	288	9	1	10	0	1	3.4	299	10	5 3	3	19	0	1	1	0	0	5.0	20	172	20	192	12	1	13	0	1	6.3	206	45	7 48	505	5 21	. 3	24	0	2		531
17:15 - 17:30	6 0	6	0	0	0	0	0	0.0	6	311	30	341	16	2	18	0	0	5.0	359	1	5 3	3	19	0	1	1	0	0	5.0	20	159	11	170	11	1	12	0	0	6.6	182	497	2 44	536	6 27	4	31	0	0	5.5	567
17:30 - 17:45	13 0	13	0	0	0	0	0	0.0	13	294	23	317	10	1	11	0	1	3.4	329	1	3 2	2	15	3	0	3	0	0	16.7	18	156	9	165	13	1	14	0	0	7.8	179	476	6 34	510	0 26	5 2	28	0	1		539
17:45 - 18:00	9 1	10	0	0	0	1	0	0.0	11	302	13	315	9	0	9	0	1	2.8	325	5 10	5 1	1 :	17	0	2	2	0	0	10.5	19	133	7	140	5	0	5	0	1	3.4	146	460	J 22	487	2 14	1 2	16	1	2		501
18:00 - 18:15	4 0	4	0	0	0	0	0	0.0	4	268	13	281	6	0	6	0	3	2.1	290	1	7 2	2	19	0	1	1	0	0	5.0	20	161	11	172	9	2	11	0	1	6.0	184	450	J 26	476	6 15	5 3	18	0	4	3.6	498
18:15 - 18:30	7 0	7	0	0	0	0	0	0.0	7	257	11	268	12	0	12	0	0	4.3	280	1	5 1	1	16	0	2	2	2	1	11.1	21	155	9	164	13	2	15	0	0	8.4	179	43/	4 21	45!	5 25	i 4	29	2	1	6.0	
18:30 - 18:45	7 2	9	0	0	0	0	0	0.0	9	190	14	204	11	1	12	0	2	5.6	218	1	3 4	1	17	0	1	1	0	0	5.6	18	134	9	143	11	0	11	0	2	7.1	156	344	4 29	373	3 22	2 2	24	0	4	6.0	401
18:45 - 19:00		7	0	0	0	0	0	0.0	7	197	9	206	10	1	11	0	0	5.1	217	1	1 1	1	12	0	0	0	0	0	0.0	12	123	8	131	9	2	11	0	0	7.7	142	336	6 20	356	6 19) 3	22	0	0	5.8	378
HOUR TOTALS																																																		
16:00 - 17:00	32 16	48	2	0	2	0	0 ·	4.0	50	923	206	1129	49	0	49	0	9	4.2	118	7 6:	1 3	9 1	100	4	6	10	1	0	9.1	111	633	101	734	56	5	61	0	2	7.7	797	164	9 362	2 201	1 11	1 11	122	1		5.7	
16:15 - 17:15	30 10	40	2	0	2	0	0 ·	4.8	42	1002	182	1184	47	1	48	0	7	3.9	123	9 6:	1 3	4	95	3	5	8	1	0	7.8	104	646	88	734	59	5	64	0	3	8.0	801	173	9 314	1 205	3 11	1 11	122	1	10	5.6	186
16:30 - 17:30	27 9	36	2	0	2	0	0.	5.3	38	1075	160	1235	49	3	52	0	4	4.0	129	1 59	92	3	82	2	5	7	1	0	7.9	90	649	77	726	58	4	62	0	2	7.9	790	181	.0 269	207	9 11	1 12	123	1	6	5.6	2209
16:45 - 17:45	29 3	32	0	0	0	0	0	0.0	32	1102	129	1231	51	4	55	0	4	4.3	129	0 51	5 1	6	71	5	3	8	0	0	10.1	79	647	63	710	57	4	61	0	1	7.9	772	183	3 211	1 204	4 11	3 11	124	0	5		2173
17:00 - 18:00	34 1	35	0	0	0	1	0	0.0	36	1170	91	1261	44	4	48	0	3	3.7	131	2 6	1 9	9	70	3	4	7	0	0	9.1	77	620	47	667	41	3	44	0	2	6.2	713	188	5 148	3 203	3 88	3 11	99	1	5	4.6	
17:15 - 18:15	32 1	33	0	0	0	1	0	0.0	34	1175	79	1254	41	3	44	0	5	3.4	130	3 6.	2 8	3	70	3	4	7	0	0	9.1	77	609	38	647	38	4	42	0	2	6.1	691	187	8 126	2 00 ز	4 82	2 11	93	1	7		2105
17:30 - 18:30	33 1	34	0	0	0	1	0	0.0	35	1121	60	1181	37	1	38	0	5	3.1	122	4 6	1 6	5 1	67	3	5	8	2	1	10.7	78	605	36	641	40	5	45	0	2	6.6	688	182	0 103	3 192	3 80) 11	91	3		4.5	
	27 3	30	0	0	0	1	0	0.0	31	1017	51	1068	38	1	39	0	6	3.5	111	3 6:	1 8	3	69	0	6	6	2	1	8.0	78	583	36	619	38	4	42	0	4	6.4	665		38 98	1,0		5 11	87	3		4.6	
18:00 - 19:00	23 4	27	0	0	0	0	0	0.0	27	912	47	959	39	2	41	0	5	4.1	100	5 50	5 8	3 1	64	0	4	4	2	1	5.9	71	573	37	610	42	6	48	0	3	7.3	661	156	54 96	166	0 81	. 12	93	2	9	5.3	.764

A420/PINE WOODS RD/CHARNEY RD SOUTHMOOR

DATE: 2 NOV 2017 TRAFFIC SURVEY

JU	INC	. HIC)N 1	

АМ					LEFT	то А	420 E							THRO	DUGH T	о сн	ARNEY	RD						R	IGHT	FO A42	20 W			
PINE WOODS RD	CARS	LIGHT GOODS VEHICLES	OTAL LIGHT	HEAVYS	BUSES AND COACHES	FOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	ARS	LIGHT GOODS VEHICLES	OTAL LIGHT	HEAVYS	BUSES AND COACHES	TOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	ARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	ОТАԼ НЕАVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS
TIME 07:00 - 07:15	6	>	÷.	н	ш О 0	-	<u>م</u>	Σ 0	I 0.0	<u>⊢≥</u> 7	0	0	-	т 0	<u>е</u> О 0	-	0	Σ 0	I 0.0	<u>⊢≥</u>	3	0	_⊢ 3	т 0	<u>е</u> О 0	0	Ч	Σ 0	I 0.0	⊢≥ 3
07:15 - 07:30	-	1	12	0	0	0	0	0	0.0	12	1	0	5	0	0	0	0	0	0.0	5		0	3	0	0	0	0	0	0.0	3
07:30 - 07:45	12 5	0	5	0	0	0	0	0	0.0	5	2	1	3	0	0	0	0	0	0.0	3	2	0	<u>,</u>	0	0	0	0	0	0.0	2
07:45 - 08:00	3	1	4	0	0	0	0	0	0.0	4	6	1	3	0	1	1	0	0	12.5	8	3	0	7	0	0	0	0	0	0.0	2 7
08:00 - 08:15	4	2	6	0	0	ō	0	0	0.0	6	6	0	6	0	0	Ō	0	0	0.0	6	4		5	0	0	ō	0	0	0.0	5
08:15 - 08:30	4	0	4	0	0	ŏ	0	0	0.0	4	6	1	7	0	0	ŏ	0	0	0.0	7	3	0	3	0	0	ō	0	0	0.0	3
08:30 - 08:45	7	0	7	0	0	Ő	0	0	0.0	7	3	1	4	0	0	Ō	0	0	0.0	4	6	1	7	0	0	0	0	0	0.0	7
08:45 - 09:00	1	0	1	0	0	ŏ	0	0	0.0	1	5	1	6	Ő	0	Ő	0	Ő	0.0	6	3	1	4	Ő	0	Ő	0	0	0.0	4
09:00 - 09:15	6	1	7	0	0	0	0	0	0.0	7	6	0	6	0	0	0	0	0	0.0	6	3	4	7	0	0	0	0	0	0.0	7
09:15 - 09:30	5	0	5	0	0	0	0	0	0.0	5	2	0	2	0	0	0	0	0	0.0	2	4	2	6	0	0	0	0	0	0.0	6
09:30 - 09:45	3	1	4	0	0	0	0	0	0.0	4	4	2	6	0	0	0	0	0	0.0	6	3	1	4	0	0	0	0	0	0.0	4
09:45 - 10:00	5	0	5	0	0	0	0	0	0.0	5	3	0	3	0	0	0	0	0	0.0	3	2	3	5	0	0	0	0	0	0.0	5
HOUR TOTALS							•																							
07:00 - 08:00	26	2	28	0	0	0	0	0	0.0	28	14	2	16	0	1	1	0	0	5.9	17	10	5	15	0	0	0	0	0	0.0	15
07:15 - 08:15	24	3	27	0	0	0	0	0	0.0	27	19	2	21	0	1	1	0	0	4.5	22	10	6	17	0	0	0	0	0	0.0	17
07:30 - 08:30	16	3	19	0	0	0	0	0	0.0	19	20	3	23	0	1	1	0	0	4.2	24	11	5	17	0	0	0	0	0	0.0	17
07:45 - 08:45	18	3	21	0	0	0	0	0	0.0	21	21	3	24	0	1	1	0	0	4.0	25	12	6	22	0	0	0	0	0	0.0	22
08:00 - 09:00	16	2	18	0	0	0	0	0	0.0	18	20	3	23	0	0	0	0	0	0.0	23	16	3	19	0	0	0	0	0	0.0	19
08:15 - 09:15	18	1	19	0	0	0	0	0	0.0	19	20	3	23	0	0	0	0	0	0.0	23	16	6	21	0	0	0	0	0	0.0	21
08:30 - 09:30	19	1	20	0	0	0	0	0	0.0	20	16	2	18	0	0	0	0	0	0.0	18	15	8	24	0	0	0	0	0	0.0	24
08:45 - 09:45	15	2	17	0	0	0	0	0	0.0	17	17	3	20	0	0	0	0	0	0.0	20	16	8	21	0	0	0	0	0	0.0	21
09:00 - 10:00	19	2	21	0	0	0	0	0	0.0	21	15	2	17	0	0	0	0	0	0.0	17	13	10	22	0	0	0	0	0	0.0	22

				L	EFT TO	О СНАІ	RNEY	RD						тн	ROUG	н то и	420 V	v						RIGHI	г то р	INE W	OODS	RD		
A420 E	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	TOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	ARS	LIGHT GOODS VEHICLES	FOTAL LIGHT	HEAVYS	BUSES AND COACHES	TOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	OTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS
07:00 - 07:15	1	1	2	т 0	1	1	0	2	33.3	3	95	□ > 5	100	14	2	⊢ 16	0	<u>></u>	ي 13.8	<u>⊢≥</u> 116	0		0	1 0	<u> </u>	0	0	≥ 0	ے 0.0	0
07:15 - 07:30	6	0	6	0	0	0	0	0	0.0	6	112	16	128	17	0	17	0	0	11.7	145	0	0	Ő	0	0	0	0	0	0.0	ō
07:30 - 07:45	7	1	8	4	1	5	0	0	38.5	13	121	19	140	18	2	20	0	0	12.5	160	0	0	0	0	0	0	0	0	0.0	0
07:45 - 08:00	11	2	13	1	1	2	0	0	13.3	15	105	25	130	17	0	17	1	0	11.6	148	0	3	3	0	0	0	0	0	0.0	3
08:00 - 08:15	9	2	11	0	1	1	0	0	8.3	12	128	17	145	20	1	21	0	0	12.7	166	0	0	0	0	0	0	0	0	0.0	0
08:15 - 08:30	8	1	9	0	0	0	0	0	0.0	9	125	22	147	26	1	27	0	1	15.5	175	1	0	1	0	0	0	0	0	0.0	1
08:30 - 08:45	5	1	6	0	0	0	0	0	0.0	6	111	23	134	20	0	20	1	0	13.0	155	0	1	1	0	0	0	0	0	0.0	1
08:45 - 09:00	9	1	10	0	0	0	0	0	0.0	10	98	9	107	14	0	14	1	0	11.6	122	1	2	3	0	0	0	0	0	0.0	3
09:00 - 09:15	6	0	6	0	0	0	0	0	0.0	6	102	16	118	11	0	11	0	0	8.5	129	1	0	1	0	0	0	0	0	0.0	1
09:15 - 09:30	3	0	3	2	0	2	0	0	40.0	5	85	16	101	18	2	20	0	0	16.5	121	3	0	3	0	0	0	0	0	0.0	3
09:30 - 09:45	5	4	9	0	0	0	0	0	0.0	9	83	14	97	24	0	24	0	0	19.8	121	1	0	1	0	0	0	0	0	0.0	1
09:45 - 10:00	3	1	4	0	0	0	0	0	0.0	4	79	14	93	23	1	24	0	0	20.5	117	1	2	3	0	0	0	0	0	0.0	3
HOUR TOTALS																														
07:00 - 08:00	25	4	29	5	3	8	0	0	21.6	37	433	65	498	66	4	70	1	0	12.3	569	0	3	3	0	0	0	0	0	0.0	3
07:15 - 08:15	33	5	38	5	3	8	0	0	17.4	46	466	77	543	72	3	75	1	0	12.1	619	0	3	3	0	0	0	0	0	0.0	3
07:30 - 08:30	35	6	41	5	3	8	0	0	16.3	49	479	83	562	81	4	85	1	1	13.1	649	1	3	4	0	0	0	0	0	0.0	4
07:45 - 08:45	33	6	39	1	2	3	0	0	7.1	42	469	87	556	83	2	85	2	1	13.3	644	1	4	5	0	0	0	0	0	0.0	5
08:00 - 09:00	31	5	36	0	1	1	0	0	2.7	37	462	71	533	80	2	82	2	1	13.3	618	2	3	5	0	0	0	0	0	0.0	5
08:15 - 09:15	28	3	31	0	0	0	0	0	0.0	31	436	70	506	71	1	72	2	1	12.5	581	3	3	6	0	0	0	0	0	0.0	6
08:30 - 09:30	23	2	25	2	0	2	0	0	7.4	27	396	64	460	63	2	65	2	0	12.4	527	5	3	8	0	0	0	0	0	0.0	8
08:45 - 09:45	23	5	28	2	0	2	0	0	6.7	30	368	55	423	67	2	69	1	0	14.0	493	6	2	8	0	0	0	0	0	0.0	8
09:00 - 10:00	17	5	22	2	0	2	0	0	8.3	24	349	60	409	76	3	79	0	0	16.2	488	6	2	8	0	0	0	0	0	0.0	8

					LEFT	TO A4	120 W						т	HROU	GH TO	PINE	woo	DS RD						F	RIGHT	TO A4	20 E			
CHARNEY RD	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	FOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	тотаl неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	FOTAL LIGHT	HEAVYS	BUSES AND COACHES	FOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS
07:00 - 07:15	4	3	7	0	0	0	0	0	0.0	7	0	0	0	0	0	0	0	0	0.0	0	7	2	9	0	0	Ö	0	0	0.0	9
07:15 - 07:30	11	3	14	0	1	1	0	0	6.7	15	1	0	1	0	0	0	0	0	0.0	1	5	0	5	0	0	0	0	0	0.0	5
07:30 - 07:45	6	3	9	1	1	2	0	0	18.2	11	3	0	3	0	0	0	0	0	0.0	3	1	0	1	0	0	0	0	0	0.0	1
07:45 - 08:00	10	0	10	1	0	1	0	0	9.1	11	3	0	3	0	0	0	0	0	0.0	3	7	0	7	0	0	0	0	0	0.0	7
08:00 - 08:15	5	0	5	0	1	1	0	0	16.7	6	5	0	5	0	0	0	0	0	0.0	5	4	0	4	0	0	0	0	0	0.0	4
08:15 - 08:30	14	1	15	0	1	1	0	0	6.3	16	1	0	1	0	0	0	0	0	0.0	1	5	0	5	0	0	0	0	0	0.0	5
08:30 - 08:45	12	2	14	0	1	1	0	0	6.7	15	5	0	5	0	0	0	0	0	0.0	5	0	1	1	0	0	0	0	0	0.0	1
08:45 - 09:00	6	0	6	0	1	1	0	0	14.3	7	5	1	6	0	0	0	0	0	0.0	6	3	0	3	0	1	1	0	0	25.0	4
09:00 - 09:15	7	2	9	0	0	0	0	0	0.0	9	1	1	2	0	0	0	0	0	0.0	2	3	0	3	0	0	0	0	0	0.0	3
09:15 - 09:30	7	1	8	0	1	1	0	0	11.1	9	8	0	8	0	0	0	0	0	0.0	8	2	1	3	0	0	0	0	0	0.0	3
09:30 - 09:45	7	3	10	0	1	1	0	0	9.1	11	3	0	3	0	0	0	1	0	0.0	4	2	1	3	1	0	1	0	0	25.0	4
09:45 - 10:00	9	1	10	1	1	2	0	0	16.7	12	0	0	0	0	0	0	0	0	0.0	0	5	2	7	0	0	0	0	0	0.0	7
HOUR TOTALS																														
07:00 - 08:00	31	9	40	2	2	4	0	0	9.1	44	7	0	7	0	0	0	0	0	0.0	7	20	2	22	0	0	0	0	0	0.0	22
07:15 - 08:15	32	6	38	2	3	5	0	0	11.6	43	12	0	12	0	0	0	0	0	0.0	12	17	0	17	0	0	0	0	0	0.0	17
07:30 - 08:30	35	4	39	2	3	5	0	0	11.4	44	12	0	12	0	0	0	0	0	0.0	12	17	0	17	0	0	0	0	0	0.0	17
07:45 - 08:45	41	3	44	1	3	4	0	0	8.3	48	14	0	14	0	0	0	0	0	0.0	14	16	1	17	0	0	0	0	0	0.0	17
08:00 - 09:00	37	3	40	0	4	4	0	0	9.1	44	16	1	17	0	0	0	0	0	0.0	17	12	1	13	0	1	1	0	0	7.1	14
08:15 - 09:15	39	5	44	0	3	3	0	0	6.4	47	12	2	14	0	0	0	0	0	0.0	14	11	1	12	0	1	1	0	0	7.7	13
08:30 - 09:30	32	5	37	0	3	3	0	0	7.5	40	19	2	21	0	0	0	0	0	0.0	21	8	2	10	0	1	1	0	0	9.1	11
08:45 - 09:45	27	6	33	0	3	3	0	0	8.3	36	17	2	19	0	0	0	1	0	0.0	20	10	2	12	1	1	2	0	0	14.3	14
09:00 - 10:00	30	7	37	1	3	4	0	0	9.8	41	12	1	13	0	0	0	1	0	0.0	14	12	4	16	1	0	1	0	0	5.9	17

				LEF	T TO P	PINE V	NOOD	S RD						тн	ROUG	н то и	420	E						RIG	нт то	CHAR	NEY R	D		
A420 W	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	TOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	ARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	ТОТАL НЕАVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	OTAL LIGHT	HEAVYS	BUSES AND COACHES	ОТАL НЕАVY	EDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS
07:00 - 07:15	0	0	5	0	0	0	0	0	0.0	0	331	57	388	15	0	15	0	0	3.7	403	9	7	16	0	1	1	0	0	5.9	17
07:15 - 07:30	1	0	1	0	0	0	0	0	0.0	1	332	64	396	21	0	21	0	1	5.0	418	12	10	22	0	1	1	0	0	4.3	23
07:30 - 07:45	3	0	3	0	0	0	0	0	0.0	3	267	32	299	24	0	24	0	1	7.4	324	8	2	10	1	1	2	0	0	16.7	12
07:45 - 08:00	3	0	3	0	0	0	0	0	0.0	3	288	35	323	20	0	20	0	0	5.8	343	9	2	11	0	2	2	0	0	15.4	13
08:00 - 08:15	5	0	5	0	0	0	0	0	0.0	5	291	38	329	18	1	19	0	2	5.5	350	11	5	16	1	1	2	0	0	11.1	18
08:15 - 08:30	2	0	2	1	0	1	0	0	33.3	3	270	27	297	17	0	17	1	2	5.4	317	9	2	11	0	1	1	0	0	8.3	12
08:30 - 08:45	8	0	8	0	0	0	0	0	0.0	8	190	19	209	24	1	25	0	1	10.7	235	7	4	11	0	0	0	0	0	0.0	11
08:45 - 09:00	5	2	7	0	0	0	0	0	0.0	7	197	17	214	20	1	21	0	1	8.9	236	6	1	7	0	1	1	0	0	12.5	8
09:00 - 09:15	1	1	2	0	0	0	0	0	0.0	2	194	25	219	25	0	25	0	2	10.2	246	15	2	17	1	1	2	0	0	10.5	19
09:15 - 09:30	7	1	8	0	0	0	0	0	0.0	8	144	19	163	21	2	23	0	1	12.4	187	1	1	2	2	0	2	0	0	50.0	4
09:30 - 09:45	4	1	5	0	0	0	0	0	0.0	5	116	23	139	20	0	20	0	1	12.6	160	5	0	5	0	1	1	0	0	16.7	6
09:45 - 10:00	0	2	2	0	0	0	0	0	0.0	2	157	30	187	27	0	27	0	2	12.6	216	5	2	7	0	0	0	0	0	0.0	7
HOUR TOTALS																														
07:00 - 08:00	7	0	7	0	0	0	0	0	0.0	7	1218	188	1406	80	0	80	0	2	5.4	1488	38	21	59	1	5	6	0	0	9.2	65
07:15 - 08:15	12	0	12	0	0	0	0	0	0.0	12	1178	169	1347	83	1	84	0	4	5.9	1435	40	19	59	2	5	7	0	0	10.6	66
07:30 - 08:30	13	0	13	1	0	1	0	0	7.1	14	1116	132	1248	79	1	80	1	5	6.0	1334	37	11	48	2	5	7	0	0	12.7	55
07:45 - 08:45	18	0	18	1	0	1	0	0	5.3	19	1039	119	1158	79	2	81	1	5	6.5	1245	36	13	49	1	4	5	0	0	9.3	54
08:00 - 09:00	20	2	22	1	0	1	0	0	4.3	23	948	101	1049	79	3	82	1	6	7.3	1138	33	12	45	1	3	4	0	0	8.2	49
08:15 - 09:15	16	3	19	1	0	1	0	0	5.0	20	851	88	939	86	2	88	1	6	8.6	1034	37	9	46	1	3	4	0	0	8.0	50
08:30 - 09:30	21	4	25	0	0	0	0	0	0.0	25	725	80	805	90	4	94	0	5	10.5	904	29	8	37	3	2	5	0	0	11.9	42
08:45 - 09:45	17	5	22	0	0	0	0	0	0.0	22	651	84	735	86	3	89	0	5	10.8	829	27	4	31	3	3	6	0	0	16.2	37
09:00 - 10:00	12	5	17	0	0	0	0	0	0.0	17	611	97	708	93	2	95	0	6	11.8	809	26	5	31	3	2	5	0	0	13.9	36

A420/PINE WOODS RD/CHARNEY RD SOUTHMOOR

DATE: 2 NOV 2017

TRAFFIC SURVEY JUNCTION 1

					LEFT T	O A42	20 E						т	HROU	GH TO	CHAR	RNEY F	D						R	IGHT	FO A43	20 W			
PINE WOODS RD	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	TOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	тотаl неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	тотаl неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS
16:00 - 16:15	3	1	4	0	0	0	0	0	0.0	4	2	2	4	0	0	0	0	0	0.0	4	3	3	6	0	0	0	0	0	0.0	6
16:15 - 16:30	4	1	5	0	0	0	0	0	0.0	5	2	0	2	0	0	0	0	0	0.0	2	3	0	3	0	0	0	0	0	0.0	3
16:30 - 16:45	3	2	5	2	0	2	0	0	28.6	7	3	1	4	0	0	0	0	0	0.0	4	5	3	8	0	0	0	0	0	0.0	8
16:45 - 17:00	1	1	2	0	0	0	0	0	0.0	2	1	1	2	0	0	0	0	0	0.0	2	2	1	3	0	0	0	0	0	0.0	3
17:00 - 17:15	1	0	1	0	0	0	0	0	0.0	1	3	0	3	0	0	0	0	0	0.0	3	2	0	2	0	0	0	0	0	0.0	2
17:15 - 17:30	0	0	0	0	0	0	0	0	0.0	0	1	0	1	0	0	0	0	0	0.0	1	5	0	5	0	0	0	0	0	0.0	5
17:30 - 17:45	4	0	4	0	0	0	0	0	0.0	4	4	0	4	0	0	0	0	0	0.0	4	5	0	5	0	0	0	0	0	0.0	5
17:45 - 18:00	2	0	2	0	0	0	0	0	0.0	2	4	0	4	0	0	0	1	0	0.0	5	3	1	4	0	0	0	0	0	0.0	4
18:00 - 18:15	1	0	1	0	0	0	0	0	0.0	1	2	0	2	0	0	0	0	0	0.0	2	1	0	1	0	0	0	0	0	0.0	1
18:15 - 18:30	4	0	4	0	0	0	0	0	0.0	4	1	0	1	0	0	0	0	0	0.0	1	2	0	2	0	0	0	0	0	0.0	2
18:30 - 18:45	7	0	7	0	0	0	0	0	0.0	7	0	1	1	0	0	0	0	0	0.0	1	0	1	1	0	0	0	0	0	0.0	1
18:45 - 19:00	2	0	2	0	0	0	0	0	0.0	2	1	1	2	0	0	0	0	0	0.0	2	2	1	3	0	0	0	0	0	0.0	3
HOUR TOTALS		0																				0								
16:00 - 17:00	11	5	16	2	0	2	0	0	11.1	18	8	4	12	0	0	0	0	0	0.0	12	13	7	20	0	0	0	0	0	0.0	20
16:15 - 17:15	9	4	13	2	0	2	0	0	13.3	15	9	2	11	0	0	0	0	0	0.0	11	12	4	16	0	0	0	0	0	0.0	16
16:30 - 17:30	5	3	8	2	0	2	0	0	20.0	10	8	2	10	0	0	0	0	0	0.0	10	14	4	18	0	0	0	0	0	0.0	18
16:45 - 17:45	6	1	7	0	0	0	0	0	0.0	7	9	1	10	0	0	0	0	0	0.0	10	14	1	15	0	0	0	0	0	0.0	15
17:00 - 18:00	7	0	7	0	0	0	0	0	0.0	7	12	0	12	0	0	0	1	0	0.0	13	15	1	16	0	0	0	0	0	0.0	16
17:15 - 18:15	7	0	7	0	0	0	0	0	0.0	7	11	0	11	0	0	0	1	0	0.0	12	14	1	15	0	0	0	0	0	0.0	15
17:30 - 18:30	11	0	11	0	0	0	0	0	0.0	11	11	0	11	0	0	0	1	0	0.0	12	11	1	12	0	0	0	0	0	0.0	12
17:45 - 18:45	14	0	14	0	0	0	0	0	0.0	14	7	1	8	0	0	0	1	0	0.0	9	6	2	8	0	0	0	0	0	0.0	8
18:00 - 19:00	14	0	14	0	0	0	0	0	0.0	14	4	2	6	0	0	0	0	0	0.0	6	5	2	7	0	0	0	0	0	0.0	7

				LEF	т то с	CHARN	IEY RC)						THR	OUGH	TO A4	20 W							RIGH	г то рі	NE W	OODS	RD		
A420 E	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	ТОТАL НЕАVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	TOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	TOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS
16:00 - 16:15	5	2	7	0	0	0	0	0	0.0	7	178	46	224	11	0	11	0	3	4.7	238	1	1	2	0	0	0	0	0	0.0	2
16:15 - 16:30	7	0	7	1	0	1	0	0	12.5	8	229	52	281	13	0	13	0	3	4.4	297	2	0	2	0	0	0	0	0	0.0	2
16:30 - 16:45	7	1	8	0	0	0	0	0	0.0	8	259	52	311	8	0	8	0	1	2.5	320	1	1	2	0	0	0	0	0	0.0	2
16:45 - 17:00	5	1	6	0	0	0	0	0	0.0	6	228	50	278	15	0	15	0	2	5.1	295	1	0	1	1	0	1	0	0	50.0	2
17:00 - 17:15	9	1	10	1	1	2	0	0	16.7	12	247	23	270	8	0	8	0	1	2.9	279	7	1	8	0	0	0	0	0	0.0	8
17:15 - 17:30	8	1	9	0	1	1	0	0	10.0	10	297	29	326	16	1	17	0	0	5.0	343	6	0	6	0	0	0	0	0	0.0	6
17:30 - 17:45	9	0	9	0	0	0	0	0	0.0	9	282	23	305	10	1	11	0	1	3.5	317	3	0	3	0	0	0	0	0	0.0	3
17:45 - 18:00	11	0	11	0	0	0	0	1	0.0	12	284	13	297	9	0	9	0	0	2.9	306	7	0	7	0	0	0	0	0	0.0	7
18:00 - 18:15	7	0	7	0	0	0	0	0	0.0	7	256	12	268	6	0	6	0	3	2.2	277	5	1	6	0	0	0	0	0	0.0	6
18:15 - 18:30	5	0	5	0	0	0	0	0	0.0	5	245	11	256	12	0	12	0	0	4.5	268	7	0	7	0	0	0	0	0	0.0	7
18:30 - 18:45	4	0	4	0	0	0	0	0	0.0	4	184	13	197	11	1	12	0	2	5.7	211	2	1	3	0	0	0	0	0	0.0	3
18:45 - 19:00	6	1	7	2	0	2	0	0	22.2	9	188	8	196	8	1	9	0	0	4.4	205	3	0	3	0	0	0	0	0	0.0	3
HOUR TOTALS																														
16:00 - 17:00	24	4	28	1	0	1	0	0	3.4	29	894	200	1094	0	0	47	0	9	4.1	1150	5	2	7	1	0	1	0	0	12.5	8
16:15 - 17:15	28	3	31	2	1	3	0	0	8.8	34	963	177	1140	0	0	44	0	7	3.7	1191	11	2	13	1	0	1	0	0	7.1	14
16:30 - 17:30	29	4	33	1	2	3	0	0	8.3	36	1031	154	1185	0	1	48	0	4	3.9	1237	15	2	17	1	0	1	0	0	5.6	18
16:45 - 17:45	31	3	34	1	2	3	0	0	8.1	37	1054	125	1179	0	2	51	0	4	4.1	1234	17	1	18	1	0	1	0	0	5.3	19
17:00 - 18:00	37	2	39	1	2	3	0	1	7.1	43	1110	88	1198	0	2	45	0	2	3.6	1245	23	1	24	0	0	0	0	0	0.0	24
17:15 - 18:15	35	1	36	0	1	1	0	1	2.7	38	1119	77	1196	0	2	43	0	4	3.5	1243	21	1	22	0	0	0	0	0	0.0	22
17:30 - 18:30	32	0	32	0	0	0	0	1	0.0	33	1067	59	1126	0	1	38	0	4	3.3	1168	22	1	23	0	0	0	0	0	0.0	23
17:45 - 18:45	27	0	27	0	0	0	0	1	0.0	28	969	49	1018	0	1	39	0	5	3.7	1062	21	2	23	0	0	0	0	0	0.0	23
18:00 - 19:00	22	1	23	2	0	2	0	0	8.0	25	873	44	917	0	2	39	0	5	4.1	961	17	2	19	0	0	0	0	0	0.0	19

				I	EFT T	0 A42	o w						тн	ROUG	н то р	INE W	/00DS	RD						F	IGHT .	TO A4	20 E			
CHARNEY RD	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	тотаl неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	тотаl неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	тотаl неаvy	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS
16:00 - 16:15	9	7	16	0	1	1	0	0	5.9	17	4	0	4	0	0	0	0	0	0.0	4	3	1	4	1	1	2	0	0	33.3	6
16:15 - 16:30	15	9	24	1	1	2	0	0	7.7	26	1	0	1	0	0	0	0	0	0.0	1	2	5	7	0	0	0	0	0	0.0	7
16:30 - 16:45	11	6	17	0	2	2	0	0	10.5	19	3	2	5	0	0	0	1	0	0.0	6	3	1	4	0	0	0	0	0	0.0	4
16:45 - 17:00	5	7	12	1	1	2	0	0	14.3	14	3	0	3	0	0	0	0	0	0.0	3	2	1	3	1	0	1	0	0	25.0	4
17:00 - 17:15	9	2	11	0	1	1	0	0	8.3	12	4	0	4	0	0	0	0	0	0.0	4	3	1	4	0	0	0	0	0	0.0	4
17:15 - 17:30	10	2	12	0	1	1	0	0	7.7	13	3	0	3	0	0	0	0	0	0.0	3	3	1	4	0	0	0	0	0	0.0	4
17:30 - 17:45	9	2	11	2	0	2	0	0	15.4	13	1	0	1	0	0	0	0	0	0.0	1	3	0	3	1	0	1	0	0	25.0	4
17:45 - 18:00	13	1	14	0	2	2	0	0	12.5	16	0	0	0	0	0	0	0	0	0.0	0	3	0	3	0	0	0	0	0	0.0	3
18:00 - 18:15	11	2	13	0	1	1	0	0	7.1	14	2	0	2	0	0	0	0	0	0.0	2	4	0	4	0	0	0	0	0	0.0	4
18:15 - 18:30 18:30 - 18:45	9	3	10	0	1	1	0	0	10.0 9.1	10 11	2	0	5	0	0	0	0	0	0.0	3	4	0	2	0	0	0	0	0	33.3 0.0	4
18:45 - 19:00	8	3	9	0	0	0	0	0	9.1	9	2	0	2	0	0	0	0	0	0.0	2	4	0	4	0	0	0	0	0	0.0	4
HOUR TOTALS	0	1	,	0	U	U	0	0	0.0	3	2	0	2	0	U	-	0	0	0.0	2	1	U	-	0	0	v	0	0	0.0	-
16:00 - 17:00	40	29	69	2	5	7	0	0	9.2	76	11	2	13	0	0	0	1	0	0.0	14	10	8	18	2	1	3	0	0	14.3	21
16:15 - 17:15	40	24	64	2	5	7	0	0	9.9	71	11	2	13	0	0 0	0	1	0	0.0	14	10	8	18	1	0	1	0	0	5.3	19
16:30 - 17:30	35	17	52	1	5	6	0	0	10.3	58	13	2	15	0	0 0	0	1	0	0.0	16	11	4	15	1	0	1	0	0	6.3	16
16:45 - 17:45	33	13	46	3	3	6	0	0	11.5	52	11	0	11	0	0	0	0	0	0.0	11	11	3	14	2	0	2	0	0	12.5	16
17:00 - 18:00	41	7	48	2	4	6	0	0	11.1	54	8	0	8	0	0	0	0	0	0.0	8	12	2	14	1	0	1	0	0	6.7	15
17:15 - 18:15	43	7	50	2	4	6	0	0	10.7	56	6	0	6	0	0	0	0	0	0.0	6	13	1	14	1	0	1	0	0	6.7	15
17:30 - 18:30	42	5	47	2	4	6	0	0	11.3	53	8	0	8	0	0	0	1	1	0.0	10	11	1	12	1	1	2	1	0	14.3	15
17:45 - 18:45	40	6	46	0	5	5	0	0	9.8	51	9	1	10	0	0	0	1	1	0.0	12	12	1	13	0	1	1	1	0	7.1	15
18:00 - 19:00	35	6	41	0	3	3	0	0	6.8	44	11	1	12	0	0	0	1	1	0.0	14	10	1	11	0	1	1	1	0	8.3	13

				LEFT	ΤΟ ΡΙ	NE WO	DODS I	RD						THR	OUGH	то А4	20 E							RIG	нт то	CHAR	NEY R	D		
A420 W	CARS	JIGHT GOODS /EHICLES	FOTAL LIGHT	HEAVYS	BUSES AND COACHES	FOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	FOTAL LIGHT	HEAVYS	BUSES AND COACHES	FOTAL HEAVY	PEDAL-CYCLES	NOTORCYCLES	НЕАИҮ %	FOTAL MOVEMENTS	CARS	LIGHT GOODS VEHICLES	TOTAL LIGHT	HEAVYS	BUSES AND COACHES	FOTAL HEAVY	PEDAL-CYCLES	MOTORCYCLES	HEAVY %	TOTAL MOVEMENTS
16:00 - 16:15	3	1	4	0	0	0	0	0	0.0	4	146	30	176	9	1	10	0	0	5.4	186	10	2	12	0	0	0	0	0	0.0	12
16:15 - 16:30	2	0	2	0	0	0	0	0	0.0	2	144	20	164	11	1	12	0	0	6.8	176	10	2	12	1	1	2	0	1	14.3	15
16:30 - 16:45	3	2	5	2	0	2	0	0	28.6	7	144	20	164	12	0	12	0	1	6.8	177	11	1	12	0	1	1	0	0	7.7	13
16:45 - 17:00	4	2	6	0	0	0	0	0	0.0	6	148	19	167	21	1	22	0	0	11.6	189	8	2	10	0	0	0	0	0	0.0	10
17:00 - 17:15	4	1	5	0	0	0	0	0	0.0	5	156	18	174	12	0	12	0	1	6.5	187	12	1	13	0	1	1	0	0	7.1	14
17:15 - 17:30	2	0	2	1	0	1	0	0	33.3	3	151	10	161	10	1	11	0	0	6.4	172	6	1	7	0	0	0	0	0	0.0	7
17:30 - 17:45	2	0	2	0	0	0	0	0	0.0	2	145	8	153	13	0	13	0	0	7.8	166	9	1	10	0	1	1	0	0	9.1	11
17:45 - 18:00	3	0	3	2	0	2	0	0	40.0	5	123	7	130	3	0	3	0	1	2.3	134	7	0	7	0	0	0	0	0	0.0	7
18:00 - 18:15	2	0	2	0	0	0	0	0	0.0	2	156	11	167	9	1	10	0	1	5.6	178	3	0	3	0	1	1	0	0	25.0	4
18:15 - 18:30	3	1	4	1	0	1	0	0	20.0	5	144	8	152	12	1	13	0	0	7.9	165	8	0	8	0	1	1	0	0	11.1	9
18:30 - 18:45	1	0	1	0	0	0	0	0	0.0	1	125	9	134	11	0	11	0	2	7.6	147	8	0	8	0	0	0	0	0	0.0	8
18:45 - 19:00	4	0	4	0	0	0	0	0	0.0	4	105	8	113	9	1	10	0	0	8.1	123	14	0	14	0	1	1	0	0	6.7	15
HOUR TOTALS																														
16:00 - 17:00	12	5	17	2	0	2	0	0	10.5	19	582	89	671		3	56	0	1	7.7	728	39	7	46	1	2	3	0	1	6.1	50
16:15 - 17:15 16:30 - 17:30	13	5	18	2	0	2	0	0	10.0 14.3	20 21	592 599	77	669	56 55	2	58 57	0	2	8.0	729	41 37	6	47	1	3	4	0	1	7.8	52 44
<u>16:30 - 17:30</u> 16:45 - 17:45	13	5	18 15	3	0	3	0	0	6.3	16	600	67	666 655	55	2	57	0	1	7.9 8.1	725 714	37	5	42 40	0	2	2	0	0	4.5 4.8	44
17:00 - 18:00	11	3	15	3	0	3	0	0	20.0	10	575	43	618	38	1	39	0	2	5.9	659	35	3	40 37	0	2	2	0	0	4.8 5.1	42 39
17:15 - 18:15	9	0	9	3	0	3	0	0	25.0	12	575	36	611	35	2	37	0	2	5.7	650	25	2	27	0	2	2	0	0	6.9	29
17:30 - 18:30	10	1	11	3	0	3	0	0	23.0	12	568	34	602	37	2	39	0	2	6.1	643	27	1	27	0	3	2	0	0	9.7	31
17:45 - 18:45	9	1	10	3	0	3	0	0	23.1	13	548	35	583	35	2	37	0	4	6.0	624	26	0	26	0	2	2	0	0	7.1	28
18:00 - 19:00	10	1	11	1	0	1	0	0	8.3	12	530	36	566	41	3	44	0	3	7.2	613	33	0	33	0	3	3	0	0	8.3	36





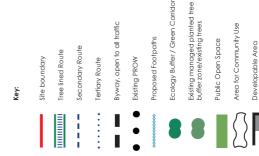
ILLUSTRATIVE MASTERPLAN



CONCEPTUAL LAYOUT

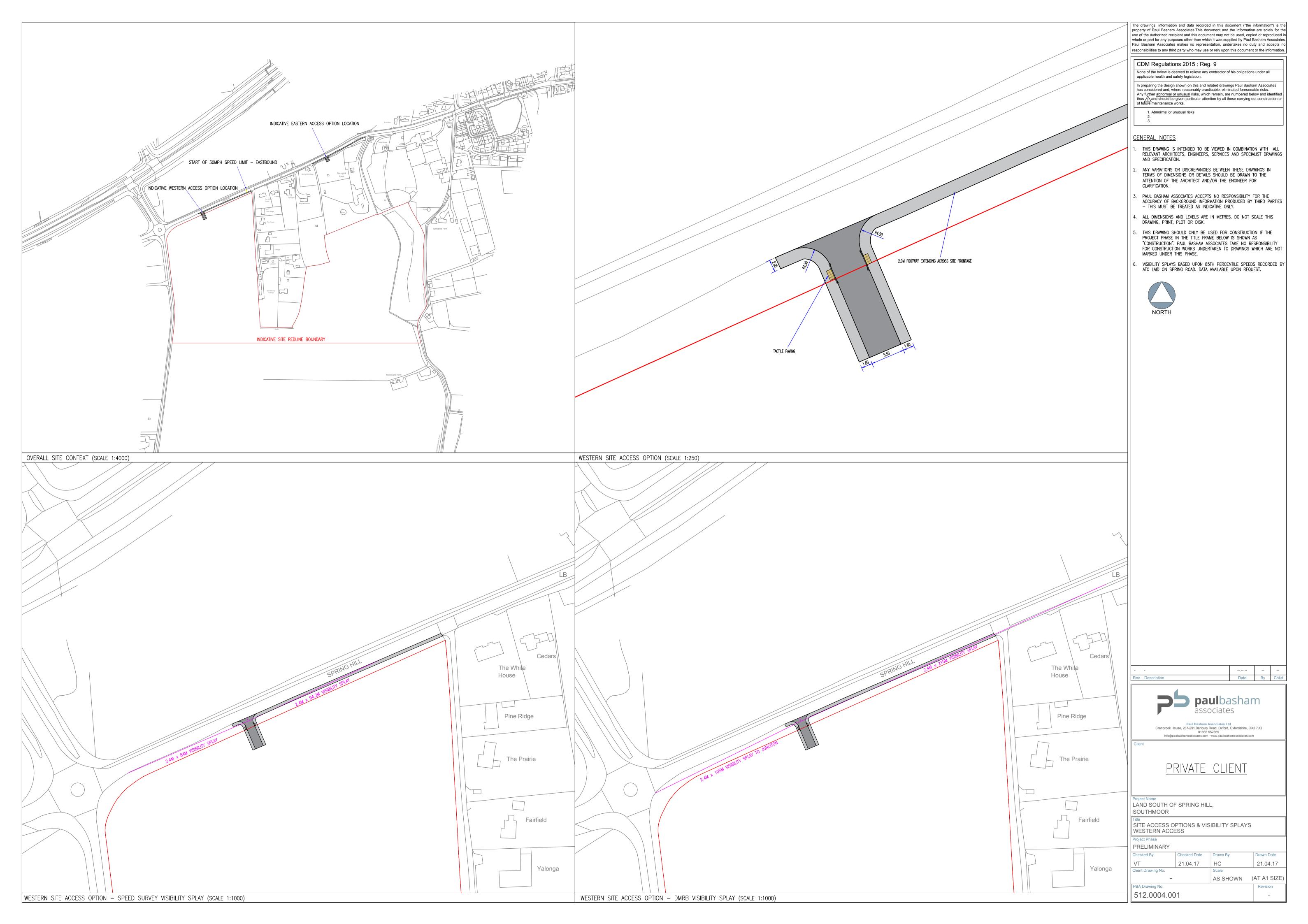
The conceptual layout begins to set out our initial proposals for site, including the provision of Public Open Space, transition spaces linking vehicular cycle and pedestrian routes and the development parcels.

It is proposed that the spine of the development will be a tree lined avenue, served from Spring Hill. The Avenue will be broken up along its length by large areas of open space and will run along the edge of the newly established woodland to the South of the site. The use of perimeter blocks will provide natural surveillance over the public open space and will further shield the private amenity areas of the dwellings from any road noise.











	The drawings, information and data recorded in this document ("the information") is the property of Paul Basham Associates. This document and the information are solely for the use of the authorized recipient and this document may not be used, copied or reproduced in
	whole or part for any purposes other than which it was supplied by Paul Basham Associates. Paul Basham Associates makes no representation, undertakes no duty and accepts no responsibilities to any third party who may use or rely upon this document or the information.
	CDM Regulations 2015 : Reg. 9 None of the below is deemed to relieve any contractor of his obligations under all
	applicable health and safety legislation. In preparing the design shown on this and related drawings Paul Basham Associates has considered and, where reasonably practicable, eliminated foreseeable risks.
	Any further <u>abnormal or unusual</u> risks, which remain, are numbered below and identified thus And should be given particular attention by all those carrying out construction or of future maintenance works.
R4.50	1. Abnormal or unusual risks 2. 3.
	<u>GENERAL NOTES</u>
	1. THIS DRAWING IS INTENDED TO BE VIEWED IN COMBINATION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SERVICES AND SPECIALIST DRAWINGS AND SPECIFICATION.
	2. ANY VARIATIONS OR DISCREPANCIES BETWEEN THESE DRAWINGS IN TERMS OF DIMENSIONS OR DETAILS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER FOR
5.50 1.80	3. PAUL BASHAM ASSOCIATES ACCEPTS NO RESPONSIBILITY FOR THE
1.80	ACCURACY OF BACKGROUND INFORMATION PRODUCED BY THIRD PARTIES - THIS MUST BE TREATED AS INDICATIVE ONLY.
	 ALL DIMENSIONS AND LEVELS ARE IN METRES. DO NOT SCALE THIS DRAWING, PRINT, PLOT OR DISK. THIS DRAWING SHOULD ONLY BE USED FOR CONSTRUCTION IF THE
2.0M FOOTWAY EXTENDING ACROSS SITE FRONTAGE	PROJECT PHASE IN THE TITLE FRAME BELOW IS SHOWN AS "CONSTRUCTION". PAUL BASHAM ASSOCIATES TAKE NO RESPONSIBILITY FOR CONSTRUCTION WORKS UNDERTAKEN TO DRAWINGS WHICH ARE NOT
	 MARKED UNDER THIS PHASE. 6. VISIBILITY SPLAYS BASED UPON 85TH PERCENTILE SPEEDS RECORDED BY ATC LAID ON SPRING ROAD. DATA AVAILABLE UPON REQUEST.
	ATC LAID ON SPRING ROAD. DATA AVAILABLE OPON REQUEST.
	NORTH
	-
	-
np House	
FB	
	- - Rev Description Date By Chkd
Pond	
	paulbasham associates
	Paul Basham Associates Ltd Cranbrook House, 287-291 Banbury Road, Oxford, Oxfordshire, OX2 7JQ 01865 552855
	info@paulbashamassociates.com www.paulbashamassociates.com Client
	DDIV/ATE CLIENIT
	PRIVATE CLIENT
Drain	Project Name
Dr	LAND SOUTH OF SPRING HILL, SOUTHMOOR
	SITE ACCESS OPTIONS & VISIBILITY SPLAYS EASTERN ACCESS
	Project Phase PRELIMINARY Checked By Checked Date Drawn By Drawn Date
	VT21.04.17HC21.04.17Client Drawing No.Scale
	- AS SHOWN (AT A1 SIZE) PBA Drawing No. Revision
1	512.0004.002 -



5

Calculation Reference: AUDIT-247601-171117-1135

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL Category : A - HOUSES PRIVATELY OWNED VEHICLES

Sele	cted rei	gions and areas:	
02		TH EAST	
	HC	HAMPSHIRE	1 days
	SC	SURREY	1 days
	WS	WEST SUSSEX	1 days
03	SOUT	TH WEST	
	DV	DEVON	2 days
04	EAST	ANGLIA	
	NF	NORFOLK	1 days
06		T MI DLANDS	
	SH	SHROPSHIRE	2 days
07		SHIRE & NORTH LINCOLNSHIRE	
	NE	NORTH EAST LINCOLNSHIRE	1 days
	NY	NORTH YORKSHIRE	3 days
	SY	SOUTH YORKSHIRE	1 days
09	NOR		
	CB	CUMBRIA	1 days
	DH	DURHAM	1 days
11		LAND	
	FA	FALKIRK	1 days
This	section	displays the number of survey days per TRICS	® sub-region in the selected set

Secondary Filtering 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.

Include all surveys

Parameter:	Number of dwellings
Actual Range:	50 to 432 (units:)
Range Selected by User:	50 to 600 (units:)

Public Transport Provision:

Selection by:

Date Range: 01/01/09 to 28/03/17

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	4 days
Tuesday	3 days
Wednesday	2 days
Thursday	4 days
Friday	3 days

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

<u>Selected survey types:</u>	
Manual count	16 days
Directional ATC Count	0 days

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

Selected Locations:	
Suburban Area (PPS6 Out of Centre)	10
Edge of Town	6

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	12
No Sub Category	4

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.

Basham Associates Ha	mble Lane	Southampton	Page Licence No: 2476
Basham Associates Ha	mble Lane	Southampton	LICENCE NO: 2478
Secondary Filtering	selection:		
<u>Use Class:</u>			
C3		16 days	
, ,		urveys per Use Class classification within the selected set hich can be found within the Library module of TRICS®.	t. The Use Classes Order 2005
Population within 1 m	ile:		
1,001 to 5,000		2 days	
5,001 to 10,000		6 days	
10,001 to 15,000		5 days	
15,001 to 20,000		1 days	
20,001 to 25,000		2 days	
This data displays the	number of s	elected surveys within stated 1-mile radii of population.	
Population within 5 m	iles:		
F 001 +- 05 000		3 days	
5,001 to 25,000		3 days	
25,001 to 25,000			
		1 days	
25,001 to 50,000		1 days 5 days	
25,001 to 50,000 50,001 to 75,000		2	
25,001 to 50,000 50,001 to 75,000 75,001 to 100,000		5 days	

 0.6 to 1.0
 4 days

 1.1 to 1.5
 12 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:	
Yes	2 days
No	14 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.

<u>PTAL Rating:</u> No PTAL Present

16 days

This data displays the number of selected surveys with PTAL Ratings.

Friday 17/11/17

Licence No: 247601

Page 3

Paul Basham Associates Hamble Lane Southampton

<u>LIST</u>	OF SITES relevant to	selection parameters		
1	CB-03-A-04 MOORCLOSE ROAD SALTERBACK WORKINGTON Edge of Town No Sub Category Total Number of dwe	SEMI DETACHED	82	CUMBRI A
2	<i>Survey date:</i> DH-03-A-01 GREENFIELDS ROAD		24/04/09	<i>Survey Type: MANUAL</i> DURHAM
3	BISHOP AUCKLAND Suburban Area (PPS& Residential Zone Total Number of dwe <i>Survey date:</i> DV-03-A-02 MILLHEAD ROAD		50 <i>28/03/17</i> VS	<i>Survey Type: MANUAL</i> DEVON
4	HONITON Suburban Area (PPS& Residential Zone Total Number of dwe <i>Survey date:</i> DV-03-A-03 LOWER BRAND LANE	llings: <i>FRIDAY</i> TERRACED & SEMI DE	116 <i>25/09/15</i> TACHED	<i>Survey Type: MANUAL</i> DEVON
5		llings:	70 <i>28/09/15</i>	<i>Survey Type: MANUAL</i> FALKIRK
6	FALKIRK Suburban Area (PPS& Residential Zone Total Number of dwe <i>Survey date:</i> HC-03-A-18 CANADA WAY		161 <i>29/05/13</i>	<i>Survey Type: MANUAL</i> HAMPSHI RE
7	LIPHOOK Suburban Area (PPS& Residential Zone Total Number of dwe <i>Survey date:</i> NE-03-A-02 HANOVER WALK	llings:	62 <i>29/11/16</i> TACHED	<i>Survey Type: MANUAL</i> NORTH EAST LINCOLNSHIRE
8	SCUNTHORPE Edge of Town No Sub Category Total Number of dwe <i>Survey date:</i> NF-03-A-02		432 <i>12/05/14</i>	<i>Survey Type: MANUAL</i> NORFOLK
	DEREHAM ROAD NORWICH Suburban Area (PPS& Residential Zone Total Number of dwe	llings:	98	
9	<i>Survey date:</i> NY-03-A-06 HORSEFAIR	<i>Monday</i> Bungalows & Semi	<i>22/10/12</i> DET.	<i>Survey Type: MANUAL</i> NORTH YORKSHIRE
	BOROUGHBRIDGE Suburban Area (PPSe Residential Zone Total Number of dwe <i>Survey date:</i>	llings:	115 <i>14/10/11</i>	Survey Type: MANUAL

LIST OF SITES relevant to selection parameters (Cont.)

10	NY-03-A-09 MI XED HOUSI NG GRAMMAR SCHOOL LANE		NORTH YORKSHIRE
11	NORTHALLERTON Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: <i>Survey date: MONDAY</i> NY-03-A-10 HOUSES AND FLATS BOROUGHBRIDGE ROAD	52 <i>16/09/13</i>	<i>Survey Type: MANUAL</i> NORTH YORKSHIRE
12	RIPON Edge of Town No Sub Category Total Number of dwellings: <i>Survey date: TUESDAY</i> SC-03-A-04 HIGH ROAD	71 <i>17/09/13</i> ED	<i>Survey Type: MANUAL</i> SURREY
13	BYFLEET Edge of Town Residential Zone Total Number of dwellings: <i>Survey date: THURSDAY</i> SH-03-A-04 TERRACED ST MICHAEL'S STREET	71 <i>23/01/14</i>	<i>Survey Type: MANUAL</i> SHROPSHI RE
14	SHREWSBURY Suburban Area (PPS6 Out of Centre) No Sub Category Total Number of dwellings: <i>Survey date: THURSDAY</i> SH-03-A-05 SANDCROFT SUTTON HILL TELFORD	108 <i>11/06/09</i> RRACED	<i>Survey Type: MANUAL</i> SHROPSHIRE
15	Edge of Town Residential Zone Total Number of dwellings: <i>Survey date: THURSDAY</i> SY-03-A-01 SEMI DETACHED HOU A19 BENTLEY ROAD BENTLEY RISE	54 <i>24/10/13</i> ISES	<i>Survey Type: MANUAL</i> SOUTH YORKSHIRE
16	DONCASTER Suburban Area (PPS6 Out of Centre) Residential Zone Total Number of dwellings: <i>Survey date: WEDNESDAY</i> WS-03-A-04 MI XED HOUSES HILLS FARM LANE BROADBRIDGE HEATH	54 <i>18/09/13</i>	<i>Survey Type: MANUAL</i> WEST SUSSEX
	HORSHAM Edge of Town Residential Zone Total Number of dwellings: Survey date: THURSDAY	151 <i>11/12/14</i>	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.

Licence No: 247601

Licence No: 247601

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED VEHICLES Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

		ARRIVALS		[DEPARTURES			TOTALS	
	No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time Range	Days	DWELLS	Rate	Days	DWELLS	Rate	Days	DWELLS	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	16	109	0.059	16	109	0.253	16	109	0.312
08:00 - 09:00	16	109	0.112	16	109	0.344	16	109	0.456
09:00 - 10:00	16	109	0.137	16	109	0.149	16	109	0.286
10:00 - 11:00	16	109	0.128	16	109	0.167	16	109	0.295
11:00 - 12:00	16	109	0.127	16	109	0.141	16	109	0.268
12:00 - 13:00	16	109	0.160	16	109	0.143	16	109	0.303
13:00 - 14:00	16	109	0.151	16	109	0.151	16	109	0.302
14:00 - 15:00	16	109	0.148	16	109	0.172	16	109	0.320
15:00 - 16:00	16	109	0.238	16	109	0.168	16	109	0.406
16:00 - 17:00	16	109	0.258	16	109	0.164	16	109	0.422
17:00 - 18:00	16	109	0.310	16	109	0.163	16	109	0.473
18:00 - 19:00	16	109	0.227	16	109	0.161	16	109	0.388
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.055			2.176			4.231

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.

Page 6 Licence No: 247601

The survey data, graphs and all associated supporting information, contained within the TRICS Database are published by TRICS Consortium Limited ("the Company") and the Company claims copyright and database rights in this published work. The Company authorises those who possess a current TRICS licence to access the TRICS Database and copy the data contained within the TRICS Database for the licence holders' use only. Any resulting copy must retain all copyrights and other proprietary notices, and any disclaimer contained thereon.

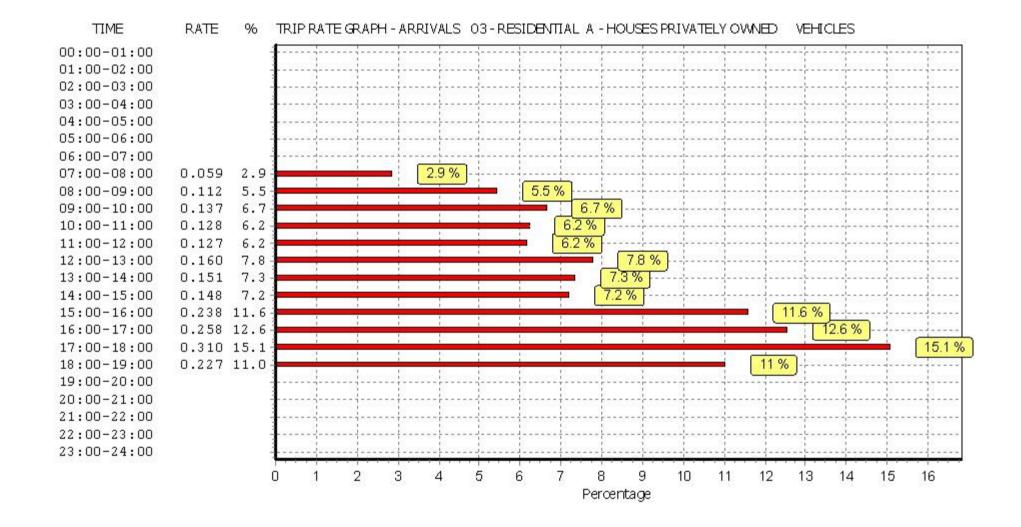
The Company accepts no responsibility for loss which may arise from reliance on data contained in the TRICS Database. [No warranty of any kind, express or implied, is made as to the data contained in the TRICS Database.]

Parameter summary

Trip rate parameter range selected:	50 - 432 (units:)
Survey date date range:	01/01/09 - 28/03/17
Number of weekdays (Monday-Friday):	16
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

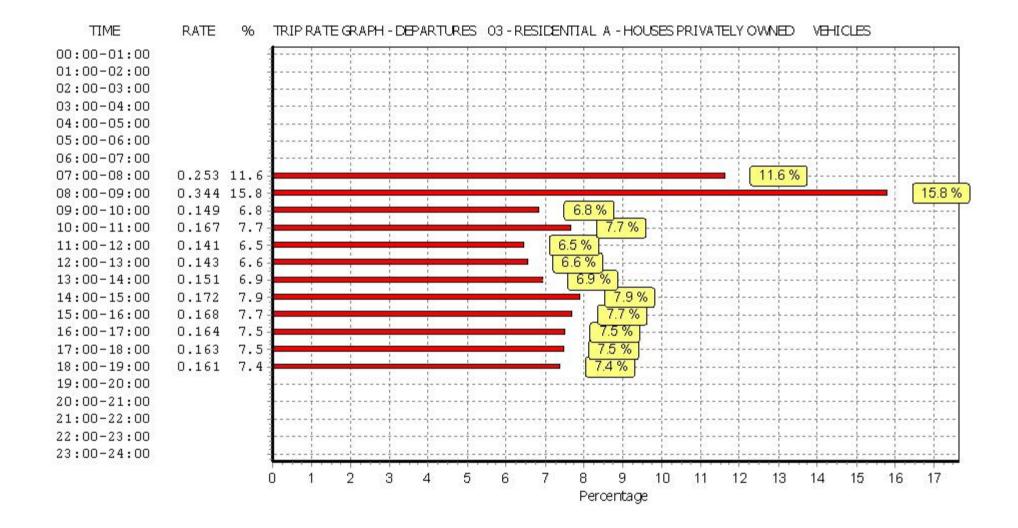
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected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

Licence No: 247601



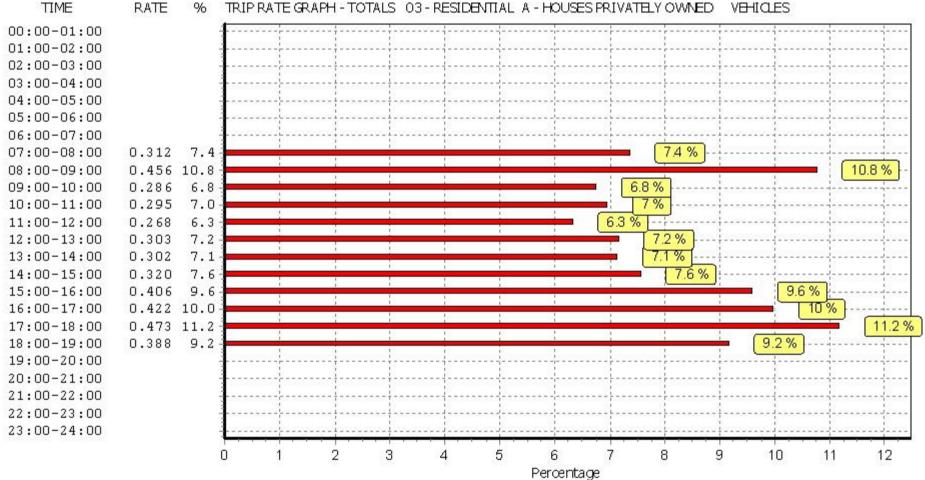
This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through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

Licence No: 247601



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.

Licence No: 247601

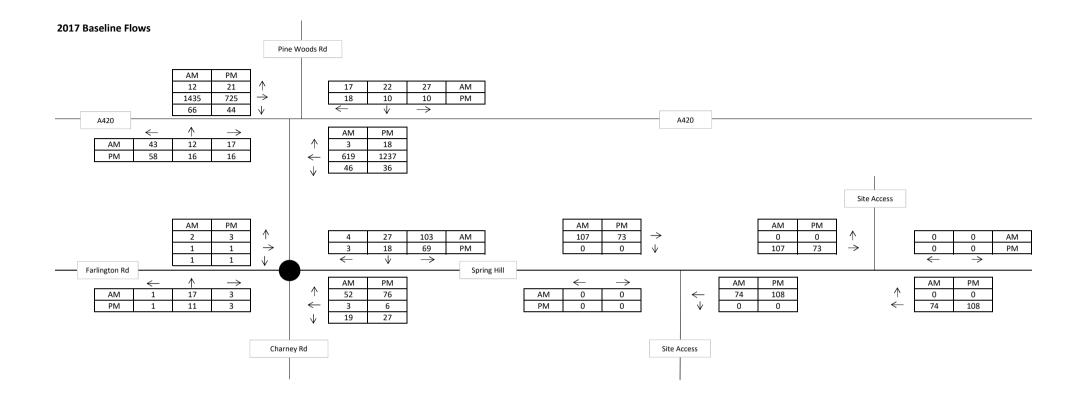


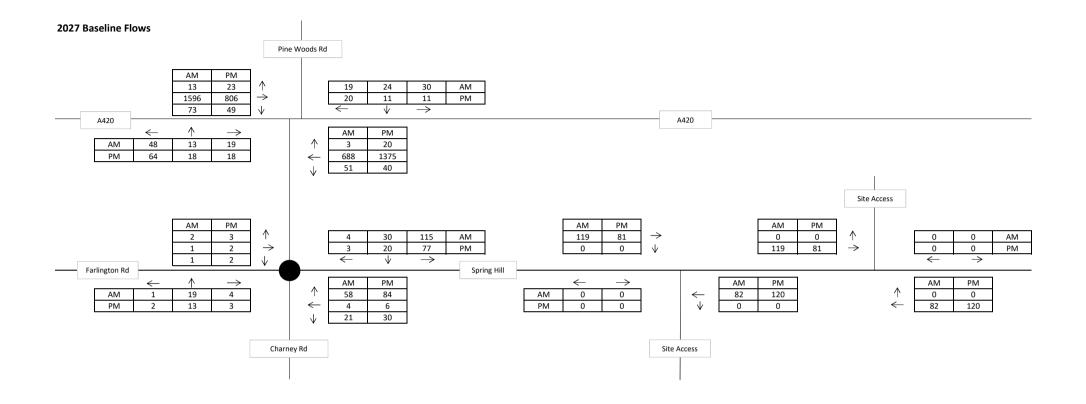
RATE % TRIP RATE GRAPH - TOTALS 03 - RESIDENTIAL A - HOUSES PRIVATELY OWNED

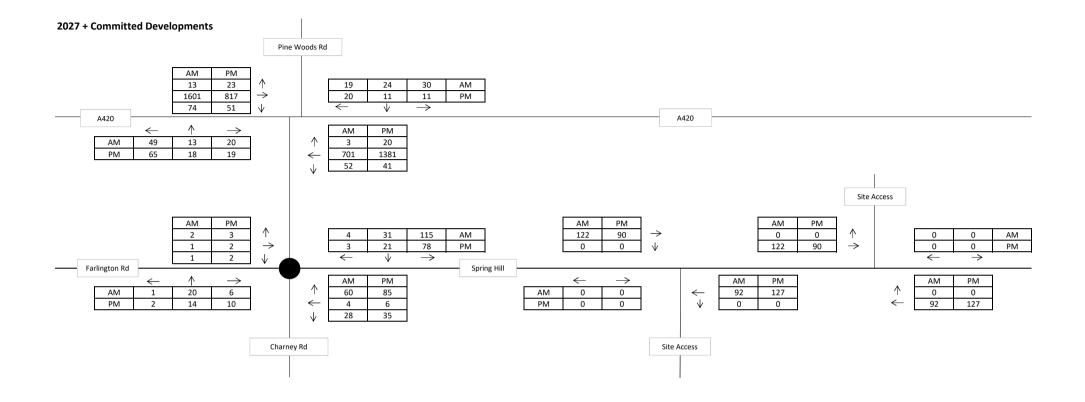
This graph is a visual representation of the trip rate calculation results screen. The same time periods and trip rates are displayed, but in addition there is an additional column showing the percentage of the total trip rate by individual time period, allowing peak periods to be easily identified through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

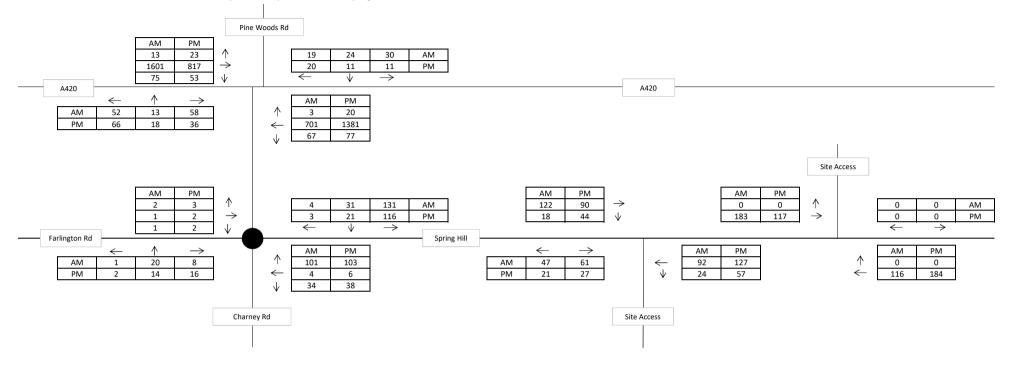


L_,

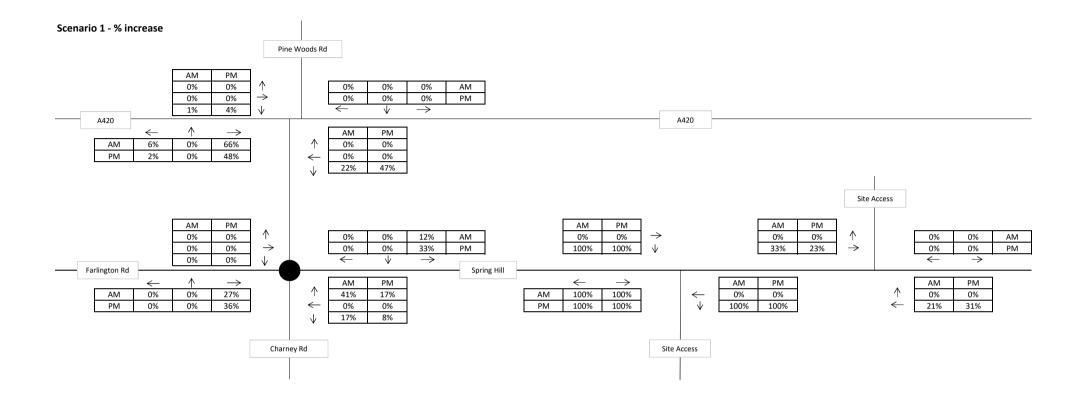


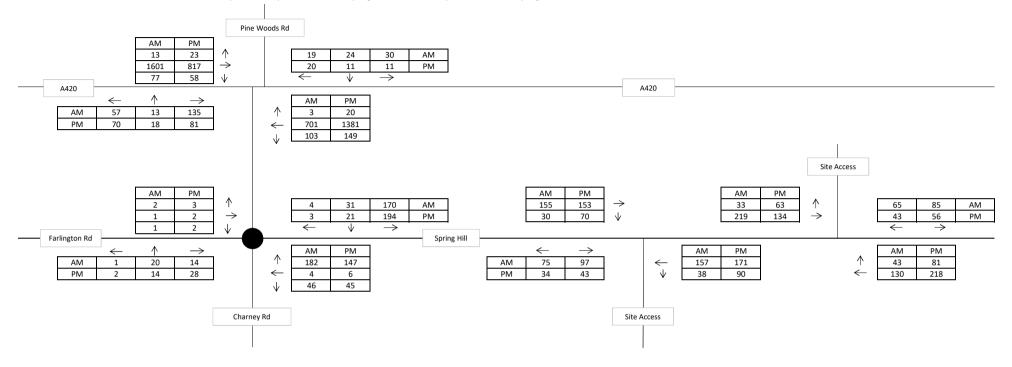




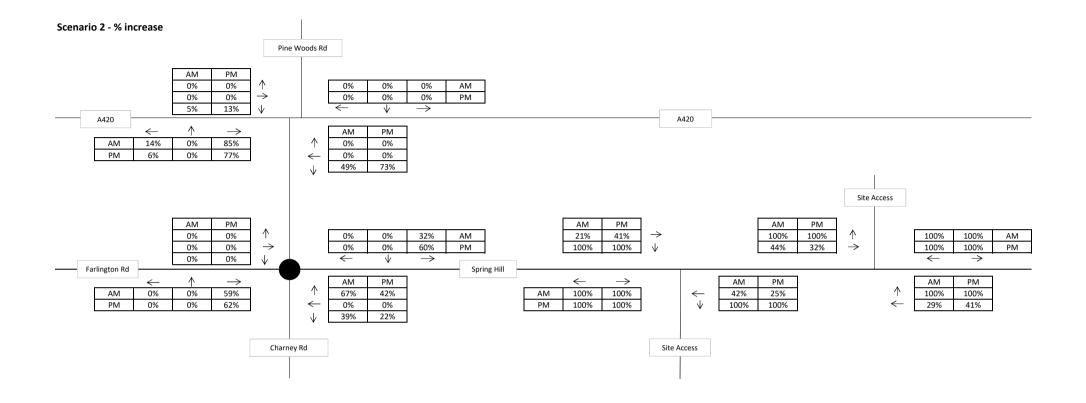


Scenario 1 = 2027 Baseline + Committed Developments + Proposed Site South of Spring Hill (300 units)





Scenario 2 = 2027 Baseline + Committed Developments + Proposed Site South of Spring Hill (480 units) + Proposed Site North of Spring Hill (240 units)





6

Project Name

LAND SOUTH OF SPRING HILL SOUTHMOOR

Project Phase

PRELIMINARY

A420 IMPROVEMENT OPTIONS ROUNDABOUT FEASIBILITY DESIGN

Title



PRIVATE CLIENT

Client

GENERAL NOTES

- 1. THIS DRAWING IS INTENDED TO BE VIEWED IN COMBINATION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SERVICES AND SPECIALIST DRAWINGS AND SPECIFICATION.
- 2. ANY VARIATIONS OR DISCREPANCIES BETWEEN THESE DRAWINGS IN TERMS OF DIMENSIONS OR DETAILS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER FOR CLARIFICATION.
- PAUL BASHAM ASSOCIATES ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF BACKGROUND INFORMATION PRODUCED BY THIRD PARTIES – THIS MUST BE TREATED AS INDICATIVE ONLY.
- 4. ALL DIMENSIONS AND LEVELS ARE IN METRES. DO NOT SCALE THIS DRAWING, PRINT, PLOT OR DISK.
- 5. THIS DRAWING SHOULD ONLY BE USED FOR CONSTRUCTION IF THE PROJECT PHASE IN THE TITLE FRAME BELOW IS SHOWN AS "CONSTRUCTION". PAUL BASHAM ASSOCIATES TAKE NO RESPONSIBILITY FOR CONSTRUCTION WORKS UNDERTAKEN TO DRAWINGS WHICH ARE NOT MARKED UNDER THIS PHASE.



-	-	,,		
Rev	Description	Date	By	Chkd
Scale				

Client Drawing No.

-

(AT A3 SIZE)

Revision

	<u>G</u>
	1.
	2.
	3.
	4.
	5.
	-

Project Name

LAND SOUTH OF SPRING HILL SOUTHMOOR

Project Phase

PRELIMINARY

A420 IMPROVEMENT OPTIONS SIGNAL JUNCTION FEASIBILITY DESIGN

Title



PRIVATE CLIENT

Client

_		
	Checked By	Checked Date
	JR	21.11.17
	Drawn By	Drawn Date
	SR	21.11.17

GENERAL NOTES

- 1. THIS DRAWING IS INTENDED TO BE VIEWED IN COMBINATION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SERVICES AND SPECIALIST DRAWINGS AND SPECIFICATION.
- ANY VARIATIONS OR DISCREPANCIES BETWEEN THESE DRAWINGS IN TERMS OF DIMENSIONS OR DETAILS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER FOR CLARIFICATION.
- 3. PAUL BASHAM ASSOCIATES ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF BACKGROUND INFORMATION PRODUCED BY THIRD PARTIES – THIS MUST BE TREATED AS INDICATIVE ONLY.
- 4. ALL DIMENSIONS AND LEVELS ARE IN METRES. DO NOT SCALE THIS DRAWING, PRINT, PLOT OR DISK.
- 5. THIS DRAWING SHOULD ONLY BE USED FOR CONSTRUCTION IF THE PROJECT PHASE IN THE TITLE FRAME BELOW IS SHOWN AS "CONSTRUCTION". PAUL BASHAM ASSOCIATES TAKE NO RESPONSIBILITY FOR CONSTRUCTION WORKS UNDERTAKEN TO DRAWINGS WHICH ARE NOT MARKED UNDER THIS PHASE.



-	-				
Rev	Description	Date	By	Chkd	
Scale					

:1	000	

Client Drawing No.

-

PBA Drawing No.	
512.0004.004	



(AT A3 SIZE)