



West Sussex County Council

NON MOTORISED USER SURVEY SUMMARY REPORT





West Sussex County Council

NON MOTORISED USER SURVEY SUMMARY REPORT

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West Sussex County Council

NON MOTORISED USER SURVEY SUMMARY REPORT

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1 INTRODUCTION

1.1 BACKGROUND

WSP has been commissioned to undertake a series of Non-Motorised User (NMU) surveys along the A2300 in West Sussex.

An initial survey was undertaken on a neutral weekday, Tuesday 25th April 2017, from 07:00 to 19:00. Following on from this survey, a more extensive survey was undertaken in May and June 2018. This report covers these surveys which were undertaken on a bank holiday weekend; Saturday 26th, Sunday 27th and Monday 28th May 2018, from 05:00 to 21:00. An additional set of surveys were undertaken on a neutral weekend; Saturday 26th and Sunday 27th June 2018.

1.2 SURVEY DETAILS

NMUs are classified into three categories as detailed below:

- | Pedestrians;
- | Cyclists; and
- | Equestrians.

Surveys were undertaken at the following five sites:

- | Site 1: Jobs Lane / A23 / A2300 roundabout;
- | Site 2: Stairbridge Lane / Pookbourne Lane / A2300 crossroads junction;
- | Site 3: A2300 / Bishopstone Lane priority junction;
- | Site 4: Cuckfield Road / A2300 roundabout; and
- | Site 5: Hickstead Lane / A2300 roundabout.

Figure 1-1 - NMU Site Locations



Surveys were undertaken from 05:00 to 21:00 and recorded pedestrian, cyclist and equestrian origin and destination movements at each junction. Pedestrians were classified based on an estimation of age (under 16, adult, and over 65). Cyclists were classified as either on road or footpath and as either riding or pushing their bicycles.

2 NMU SITE 1 - JOBS LANE / A23 / A2300 ROUNDABOUT

This chapter provides a summary and basic analysis of the data collected at NMU Site 1.

2.1 PEDESTRIANS

The following tables provide summaries of pedestrian movements at this site for each survey day:

Table 1 - NMU Site 1 – Pedestrians – Saturday 26th May 2018

	A2300 (East)	Services	A23 On-Slip	A2300 (West)	A23 Off-Slip	Jobs Lane	Total
A2300 (East)	0	0	0	7	0	0	7
Services	1	0	3	32	0	1	37
A23 On-Slip	0	3	0	0	0	0	3
A2300 (West)	0	44	4	0	0	4	52
A23 Off-Slip	0	0	0	0	0	0	0
Jobs Lane	0	1	0	2	0	0	3
Total	1	48	7	41	0	5	102

Table 2 - NMU Site 1 – Pedestrians – Sunday 27th May 2018

	A2300 (East)	Services	A23 On-Slip	A2300 (West)	A23 Off-Slip	Jobs Lane	Total
A2300 (East)	0	2	0	0	0	0	2
Services	0	0	2	20	0	5	27
A23 On-Slip	0	0	0	0	0	1	1
A2300 (West)	0	22	1	0	0	2	25
A23 Off-Slip	0	0	0	0	0	0	0
Jobs Lane	0	3	0	3	0	0	6
Total	0	27	3	23	0	8	61

Table 3 - NMU Site 1 – Pedestrians – Monday 28th May 2018

	A2300 (East)	Services	A23 On- Slip	A2300 (West)	A23 Off- Slip	Jobs Lane	Total
A2300 (East)	0	0	0	0	0	3	3
Services	6	0	13	12	0	5	36
A23 On-Slip	0	13	0	2	0	0	15
A2300 (West)	1	24	2	0	0	1	28
A23 Off-Slip	0	0	0	0	0	0	0
Jobs Lane	3	7	0	1	0	6	17
Total	10	44	15	15	0	15	99

Table 4 - NMU Site 1 – Pedestrians – Saturday 23rd June 2018

	A2300 (East)	Services	A23 On- Slip	A2300 (West)	A23 Off- Slip	Jobs Lane	Total
A2300 (East)	0	2	0	0	0	0	2
Services	3	7	7	99	0	6	122
A23 On-Slip	0	0	1	2	0	0	3
A2300 (West)	3	125	3	2	1	18	152
A23 Off-Slip	0	0	0	1	0	0	1
Jobs Lane	0	4	0	14	0	0	18
Total	6	138	11	118	1	24	298

Table 5 - NMU Site 1 – Pedestrians – Sunday 24th June 2018

	A2300 (East)	Services	A23 On- Slip	A2300 (West)	A23 Off- Slip	Jobs Lane	Total
A2300 (East)	0	0	0	2	0	0	2
Services	0	7	5	76	0	5	93
A23 On-Slip	0	1	1	5	0	2	9
A2300 (West)	0	100	8	0	0	14	122
A23 Off-Slip	0	0	0	1	0	0	1
Jobs Lane	2	11	3	14	0	1	1
Total	2	119	17	98	0	22	258

The highest number of pedestrian movements was recorded on Saturday 23rd June, with **298** movements in total. A further **258** movements were observed in total on Sunday 24th June.

Total numbers for the surveys undertaken in May were **102** movements on the Saturday 26th May, **61** on Sunday 27th May and **99** on the Monday 28th May.

The highest flows of pedestrians were between the A2300 (West) and the Services, with a total of **224** in both directions of Saturday 23rd June, **176** on Sunday 24th June, and **76**, **42** and **36** on the Saturday, Sunday and Monday 26th June – 28th June respectively.

Another popular movement was between the A23 On-Slip and the Services, with **26** in both directions on Monday 28th May; next busiest days were Saturday 23rd June with **7** movement and Sunday 24th June with **6**. These movements were largely due to National Express coaches picking up and dropping off passengers.

2.2 CYCLISTS

The following tables provide summaries of cyclist movements at this site for each survey day:

Table 6 - NMU Site 1 – Cyclists – Saturday 26th May 2018

	A2300 (East)	Services	A23 On- Slip	A2300 (West)	A23 Off- Slip	Jobs Lane	Total
A2300 (East)	0	1	0	21	11	0	33
Services	1	0	0	0	0	4	5
A23 On-Slip	0	2	0	6	0	0	8
A2300 (West)	14	0	0	2	0	17	33
A23 Off-Slip	0	0	0	0	0	0	0
Jobs Lane	0	4	0	14	0	0	18
Total	15	7	0	43	11	21	97

Table 7 - NMU Site 1 – Cyclists – Sunday 27th May 2018

	A2300 (East)	Services	A23 On- Slip	A2300 (West)	A23 Off- Slip	Jobs Lane	Total
A2300 (East)	0	1	0	20	0	0	21
Services	1	0	0	7	0	3	11
A23 On-Slip	0	0	0	4	0	0	4
A2300 (West)	30	1	2	0	0	45	78
A23 Off-Slip	0	0	0	0	0	0	0
Jobs Lane	0	7	0	24	0	0	31
Total	31	9	2	55	0	48	145

Table 8 - NMU Site 1 – Cyclists – Monday 28th May 2018

	A2300 (East)	Services	A23 On- Slip	A2300 (West)	A23 Off- Slip	Jobs Lane	Total
A2300 (East)	1	0	0	15	0	0	16
Services	0	0	0	7	0	1	8
A23 On-Slip	0	2	0	1	0	0	3
A2300 (West)	12	5	0	1	0	49	67
A23 Off-Slip	0	0	0	0	0	0	0
Jobs Lane	1	1	0	26	0	4	32
Total	14	8	0	50	0	54	126

Table 9 - NMU Site 1 – Cyclists – Saturday 23rd June 2018

	A2300 (East)	Services	A23 On- Slip	A2300 (West)	A23 Off- Slip	Jobs Lane	Total
A2300 (East)	0	0	0	19	0	0	19
Services	3	0	0	4	0	2	9
A23 On-Slip	1	0	0	8	1	0	10
A2300 (West)	15	5	0	0	0	25	45
A23 Off-Slip	0	0	0	0	0	0	0
Jobs Lane	0	1	0	13	0	0	14
Total	19	6	0	44	1	27	97

Table 10 - NMU Site 1 – Cyclists – Sunday 24th June 2018

	A2300 (East)	Services	A23 On- Slip	A2300 (West)	A23 Off- Slip	Jobs Lane	Total
A2300 (East)	1	4	0	21	0	1	27
Services	7	0	0	10	0	4	21
A23 On-Slip	0	0	0	0	0	0	0
A2300 (West)	17	7	0	0	0	39	63
A23 Off-Slip	0	0	0	0	0	0	0
Jobs Lane	1	5	0	28	0	0	34
Total	26	16	0	59	0	44	145

The highest number of cyclist movements was recorded on the two Sundays 27th May and 24th June, both with a total of **145**.

Coincidentally, there were also an identical number of cyclists on the two Saturday, 26th May and 23rd June, with **97** cyclists observed. There were a further **126** cyclist movements on Monday 28th May.

The highest flow of cyclists was between the A2300 (West) and Jobs Lane; with **31** movements in both directions on Saturday 26th May, **69** on Sunday 27th May and **75** on Monday 28th May; total numbers in June were **38** on the Saturday 23rd and **67** on Sunday 24th.

There were a high number of cyclist movements between the A2300 (East) and the A2300 (West) with **35**, **50** and **27** on Saturday, Sunday and Monday, 26th May – 28th May respectively. A further **38** and **67** movements were observed on Saturday 23rd June and Sunday 24th June.

There were no equestrian movements at NMU Site 1.

2.3 ANALYSIS

The following table provides a modal split for each survey day and an average for the site:

Table 11 - NMU Site 1 – Modal Split

NMU1		Pedestrians	Cyclists	Equestrians
Saturday 26th May 2018	Total for the category	102	97	0
	Total movements on the day	199	199	199
	%	51%	49%	0%
Sunday 27th May 2018	Total for the category	61	145	0
	Total movements on the day	206	206	206
	%	30%	70%	0%
Monday 28th May 2018	Total for the category	99	126	0
	Total movements on the day	225	225	225
	%	44%	56%	0%
Saturday 23rd June 2018	Total for the category	298	97	0
	Total movements on the day	395	395	395
	%	75%	25%	0%
Sunday 24th June 2018	Total for the category	258	145	0
	Total movements on the day	403	403	403
	%	64%	36%	0%
Average modal split % for the site		57%	43%	0%

Analysis of the movements between 08:00 – 18:00 for each survey day has been undertaken and is provided in the table below:

Table 12 - NMU Site 1 – Time of Day Analysis

		Pedestrians	Cyclists
Saturday 26th May 2018	Total	102	97
	08-00-18:00	47	80
	%	46%	82%
Sunday 27th May 2018	Total	61	145
	08-00-18:00	47	129
	%	77%	89%
Monday 28th May 2018	Total	99	126
	08-00-18:00	66	113
	%	67%	90%
Saturday 23rd June 2018	Total	298	97
	08-00-18:00	182	86
	%	61%	89%
Sunday 24th June 2018	Total	258	145
	08-00-18:00	169	120
	%	66%	83%

3 NMU SITE 2 - STAIRBRIDGE LANE / POOKBOURNE LANE / A2300 CROSSROADS JUNCTION

This chapter provides a summary and basic analysis of the data collected at NMU Site 2.

3.1 PEDESTRIANS

The following tables provide summaries of pedestrian movements at this site for each survey day:

Table 13 - NMU Site 2 – Pedestrians – Saturday 26th May 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	0	0	1	0	1
Stairbridge Lane	0	0	0	0	0
A2300 (East)	0	0	0	0	0
Pookbourne Lane	4	0	0	0	4
Total	4	0	1	0	5

Table 14 - NMU Site 2 – Pedestrians – Sunday 27th May 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	0	0	0	0	0
Stairbridge Lane	0	0	0	5	5
A2300 (East)	0	0	0	1	1
Pookbourne Lane	9	5	0	0	14
Total	9	5	0	6	20

Table 15 - NMU Site 2 – Pedestrians – Monday 28th May 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	0	0	0	0	0
Stairbridge Lane	1	0	0	4	5
A2300 (East)	3	0	0	0	3
Pookbourne Lane	0	5	0	0	5
Total	4	5	0	4	13

Table 16 - NMU Site 2 – Pedestrians – Saturday 23rd June 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	0	0	0	1	1
Stairbridge Lane	2	0	0	3	5
A2300 (East)	0	0	0	0	0
Pookbourne Lane	0	2	0	0	2
Total	2	2	0	4	8

Table 17 - NMU Site 2 – Pedestrians – Sunday 24th June 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	0	0	0	0	0
Stairbridge Lane	0	0	0	1	1
A2300 (East)	0	0	0	0	0
Pookbourne Lane	1	6	0	0	7
Total	1	6	0	1	8



The highest pedestrian flow was recorded on Sunday 26th May, with a total of **20** movements. There were **5** movements on Saturday 27th May and **13** on Monday 28th May.

The weekend in June was also less busy, with **8** movements in total on each Saturday 23rd and Sunday 24th.

3.2 CYCLISTS

The following tables provide summaries of cyclist movements at this site for each survey day:

Table 18 - NMU Site 2 – Cyclists – Saturday 26th May 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	0	0	24	1	25
Stairbridge Lane	3	0	2	26	31
A2300 (East)	8	0	1	3	12
Pookbourne Lane	3	4	4	0	11
Total	14	4	31	30	79

Table 19 - NMU Site 2 – Cyclists – Sunday 27th May 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	7	0	20	0	27
Stairbridge Lane	2	0	2	31	35
A2300 (East)	14	1	0	1	16
Pookbourne Lane	4	12	0	0	16
Total	27	13	22	32	94

Table 20 - NMU Site 2 – Cyclists – Monday 28th May 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	1	0	9	0	10
Stairbridge Lane	0	0	0	10	10
A2300 (East)	19	0	0	0	19
Pookbourne Lane	0	8	0	0	8
Total	20	8	9	10	47

Table 21 - NMU Site 2 – Cyclists - Saturday 23rd June 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	0	1	15	2	18
Stairbridge Lane	0	0	2	12	14
A2300 (East)	16	0	0	0	16
Pookbourne Lane	3	7	1	0	11
Total	19	8	18	14	59

Table 22 - NMU Site 2 – Cyclists - Sunday 24th June 2018

	A2300 (West)	Stairbridge Lane	A2300 (East)	Pookbourne Lane	Total
A2300 (West)	0	0	17	7	24
Stairbridge Lane	0	0	0	20	20
A2300 (East)	18	0	0	0	18
Pookbourne Lane	4	26	0	0	30
Total	22	26	17	27	92

The highest flow of cyclists was recorded on Sunday 27th May, with a total of **94** movements. A further **79** movements were recorded on Saturday 26th May, **47** on Monday 28th May, **59** on Saturday 23rd June and **92** on Sunday 24th June.

The straight-ahead movements were the busiest movements. Between the A2300 (East) and A2300 (West) there were a total of **32** movements in both directions on Saturday 26th May, **34** on Sunday 27th May and **28** on Monday 28th May. There were a further **31** movements on Saturday 23rd June and **35** on Sunday 24th June.

Between Stairbridge Lane and Pookbourne Lane there were **30** movements on Saturday 26th May, **33** on Sunday 27th May and **18** on Monday 28th May. A further **19** and **46** movements were recorded on Saturday 23rd June and Sunday 24th June respectively.

There were **2** equestrian movements at this site per survey day in May; with **5** movements between Stairbridge Lane and Pookbourne Lane and one from the A2300 (West) to Stairbridge Lane. In June, there were **3** movements between Stairbridge Lane and Pookbourne Lane on Saturday 23rd June and **2** on Sunday 24th June.

3.3 ANALYSIS

The following table provides a modal split for each survey day and an average for the site:

Table 23 - NMU Site 2 – Modal Split

		Pedestrians	Cyclists	Equestrians
Saturday 26th May 2018	Total for the category	5	79	2
	Total movements on the day	86	86	86
	%	6%	92%	2%
Sunday 27th May 2018	Total for the category	20	94	2
	Total movements on the day	116	116	116
	%	17%	81%	2%
Monday 28th May 2018	Total for the category	13	47	2
	Total movements on the day	62	62	62
	%	21%	76%	3%
Saturday 23rd June 2018	Total for the category	8	59	3
	Total movements on the day	70	70	70
	%	11%	84%	4%
Sunday 24th June 2018	Total for the category	8	92	2
	Total movements on the day	102	102	102
	%	8%	90%	2%
Average modal split % for the site		12%	85%	3%

Analysis of the movements between 08:00 – 18:00 for each survey day has been undertaken and is provided in the table below:

Table 24 - NMU Site 2 – Time of Day Analysis

		Pedestrians	Cyclists
Saturday 26th May 2018	Total	5	79
	08-00-18:00	5	71
	%	100%	90%
Sunday 27th May 2018	Total	20	94
	08-00-18:00	15	83
	%	75%	88%
Monday 28th May 2018	Total	13	47
	08-00-18:00	11	41
	%	85%	87%
Saturday 23rd June 2018	Total	8	59
	08-00-18:00	6	53
	%	75%	90%
Sunday 24th June 2018	Total	8	92
	08-00-18:00	6	79
	%	75%	86%

4 NMU SITE 3 - A2300 / BISHOPSTONE LANE PRIORITY JUNCTION

This chapter provides a summary and basic analysis of the data collected at NMU Site 3.

4.1 PEDESTRIANS

The following tables provide summaries of pedestrian movements at this site for each survey day:

Table 25 - NMU Site 3 – Pedestrians – Saturday 26th May 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	0	0	0	0
Bishopstone Lane (South)	0	0	0	11	11
A2300 (West)	0	0	0	0	0
Bishopstone Lane (North)	0	11	0	0	11
Total	0	11	0	11	22

Table 26 - NMU Site 3 – Pedestrians – Sunday 27th May 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	0	0	0	0
Bishopstone Lane (South)	0	0	0	6	6
A2300 (West)	0	0	0	0	0
Bishopstone Lane (North)	0	7	0	0	7
Total	0	7	0	6	13

Table 27 - NMU Site 3 – Pedestrians – Monday 28th May 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	0	0	0	0
Bishopstone Lane (South)	0	0	0	6	6
A2300 (West)	0	0	0	0	0
Bishopstone Lane (North)	0	6	0	0	6
Total	0	6	0	6	12

Table 28 - NMU Site 3 – Pedestrians – Saturday 23rd June 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	0	1	0	1
Bishopstone Lane (South)	0	0	0	11	11
A2300 (West)	1	0	0	0	1
Bishopstone Lane (North)	0	8	0	0	8
Total	1	8	1	11	21

Table 29 - NMU Site 3 – Pedestrians – Sunday 24th June 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	0	0	0	0
Bishopstone Lane (South)	0	0	6	10	16
A2300 (West)	0	0	0	0	0
Bishopstone Lane (North)	1	0	0	0	1
Total	1	0	6	10	17

The highest flow of pedestrians was recorded on Saturday 26th May with a total of **22** movements. There were a further **13** movements on Sunday 27th May, **12** on Monday 28th May, **21** on Saturday 23rd June and **17** on Sunday 24th June.

In May, these movements were between Bishopstone Lane (South) and Bishopstone Lane (North), some movements associated with the A2300 (West) were recorded in June: **2** on Saturday and **6** on Sunday.

4.2 CYCLISTS

The following tables provide summaries of cyclist movements at this site for each survey day:

Table 30 - NMU Site 3 – Cyclists – Saturday 26th May 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	0	21	8	29
Bishopstone Lane (South)	1	0	2	28	31
A2300 (West)	14	2	0	0	16
Bishopstone Lane (North)	0	44	0	0	44
Total	15	46	23	36	120

Table 31 - NMU Site 3 – Cyclists – Sunday 27th May 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	1	40	11	52
Bishopstone Lane (South)	3	0	1	16	20
A2300 (West)	12	4	0	0	16
Bishopstone Lane (North)	5	48	3	0	56
Total	20	53	44	27	144

Table 32 - NMU Site 3 – Cyclists – Monday 28th May 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	0	23	6	29
Bishopstone Lane (South)	5	0	1	21	27
A2300 (West)	20	0	0	0	20
Bishopstone Lane (North)	0	53	0	0	53
Total	25	53	24	27	129

Table 33 - NMU Site 3 – Cyclists – Saturday 23rd June 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	0	12	1	13
Bishopstone Lane (South)	1	0	2	25	28
A2300 (West)	7	1	0	0	8
Bishopstone Lane (North)	0	8	0	0	8
Total	8	9	14	26	57

Table 34 - NMU Site 3 – Cyclists – Sunday 24th June 2018

	A2300 (East)	Bishopstone Lane (South)	A2300 (West)	Bishopstone Lane (North)	Total
A2300 (East)	0	0	13	5	18
Bishopstone Lane (South)	0	0	2	36	38
A2300 (West)	13	4	0	0	17
Bishopstone Lane (North)	0	0	0	0	0
Total	13	4	15	41	73

The highest cyclist flows were recorded on Sunday 27th May, with a total of **144** in both directions. Flows were similar during the rest of the weekend, with **120** on the Saturday 26th May and **129** on Monday 28th May. Movements were lower in June, with **57** on Saturday 23rd June and **73** on Sunday 24th June.

The busiest cyclist movements were the straight-ahead movements. There was a total of **72** movements between Bishopstone Lane (North) and Bishopstone Lane (South) in both directions on the Saturday 26th May, **64** on Sunday 27th May, **74** on Monday 28th May, **33** on Saturday 23rd June and **36** on Sunday 24th June.

There was a total of **35** straight ahead movements along the A2300 on Saturday 26th May, **52** on Sunday 27th May, **43** on Monday 28th May, and in June **19** on Saturday 23rd and **26** on Sunday 24th.

There was a total of **3** equestrian movements at this site throughout the May survey days. **2** were from Bishopstone Lane (South) to Bishopstone Lane (North). The other movement was straight along the A2300. In June there were **3** further movements from Bishopstone Lane (South) to Bishopstone Lane (North) on Saturday and **2** on Sunday.

4.3 ANALYSIS

The following table provides a modal split for each survey day and an average for the site:

Table 35 - NMU Site 3 – Modal Split

		Pedestrians	Cyclists	Equestrian
Saturday 26th May 2018	Total for the category	22	120	1
	Total movements on the day	143	143	143
	%	15%	84%	1%
Sunday 27th May 2018	Total for the category	13	144	2
	Total movements on the day	159	159	159
	%	8%	91%	1%
Monday 28th May 2018	Total for the category	12	129	0
	Total movements on the day	141	141	141
	%	9%	91%	0%
Saturday 23rd June 2018	Total for the category	21	57	3
	Total movements on the day	81	81	81
	%	26%	70%	4%
Sunday 24th June 2018	Total for the category	17	73	2
	Total movements on the day	92	92	92
	%	19%	79%	2%
Average modal split % for the site		14%	85%	1%

Analysis of the movements between 08:00 – 18:00 for each survey day has been undertaken and is provided in the table below:

Table 36 - NMU Site 3 – Time of Day Analysis

		Pedestrians	Cyclists
Saturday 26th May 2018	Total	22	120
	08-00-18:00	15	107
	%	68%	89%
Sunday 27th May 2018	Total	13	144
	08-00-18:00	10	120
	%	77%	83%
Monday 28th May 2018	Total	12	129
	08-00-18:00	10	99
	%	83%	77%
Saturday 23rd June 2018	Total	21	57
	08-00-18:00	11	75
	%	52%	84%
Sunday 24th June 2018	Total	17	73
	08-00-18:00	21	132
	%	68%	86%

5 NMU SITE 4 – CUCKFIELD ROAD / A2300 ROUNDABOUT

This chapter provides a summary and basic analysis of the data collected at NMU Site 4.

5.1 PEDESTRIANS

The following tables provide summaries of pedestrian movements at this site for each survey day:

Table 37 - NMU Site 4 – Pedestrians – Saturday 26th May 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	0	0	0	0
Cuckfield Road (South)	0	0	0	1	1
A2300 (West)	0	0	0	0	0
Cuckfield Road (North)	0	1	0	0	1
Total	0	1	0	1	2

Table 38 - NMU Site 4 – Pedestrians – Sunday 27th May 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	0	1	0	1
Cuckfield Road (South)	0	0	0	1	1
A2300 (West)	0	0	0	0	0
Cuckfield Road (North)	0	0	1	0	1
Total	0	0	2	1	3

Table 39 - NMU Site 4 – Pedestrians – Monday 28th May 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	0	0	0	0
Cuckfield Road (South)	0	0	0	2	2
A2300 (West)	1	0	0	0	1
Cuckfield Road (North)	0	1	0	0	1
Total	1	1	0	2	4

Table 40 - NMU Site 4 – Pedestrians – Saturday 23rd June 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	1	0	0	1
Cuckfield Road (South)	0	0	0	1	1
A2300 (West)	0	1	0	0	1
Cuckfield Road (North)	0	1	1	0	2
Total	0	3	1	1	5

Table 41 - NMU Site 4 – Pedestrians – Sunday 24th June 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	1	0	0	1
Cuckfield Road (South)	0	0	0	1	1
A2300 (West)	1	0	0	0	1
Cuckfield Road (North)	0	0	0	0	0
Total	1	1	0	1	3

There were very few pedestrian movements at this site, with just **2** on both the Saturday 26th and Sunday 27th May, **4** on Monday 28th May, **5** on Saturday 23rd June and **3** on Sunday 24th June.

5.2 CYCLISTS

The following tables provide summaries of cyclist movements at this site for each survey day:

Table 42 - NMU Site 4 – Cyclists – Saturday 26th May 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	3	26	1	30
Cuckfield Road (South)	6	0	1	26	33
A2300 (West)	13	1	0	2	16
Cuckfield Road (North)	4	46	3	0	53
Total	23	50	30	29	132

Table 43 - NMU Site 4 – Cyclists – Sunday 27th May 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	2	11	0	13
Cuckfield Road (South)	6	0	8	16	30
A2300 (West)	24	5	0	1	30
Cuckfield Road (North)	2	27	8	0	37
Total	32	34	27	17	110

Table 44 - NMU Site 4 – Cyclists – Monday 28th May 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	6	7	3	16
Cuckfield Road (South)	4	0	6	20	30
A2300 (West)	10	6	0	4	20
Cuckfield Road (North)	2	33	2	0	37
Total	16	45	15	27	103

Table 45 - NMU Site 4 – Cyclists – Saturday 23rd June 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	5	8	0	13
Cuckfield Road (South)	14	0	16	25	55
A2300 (West)	2	5	0	0	7
Cuckfield Road (North)	2	20	4	0	26
Total	18	30	28	25	101

Table 46 - NMU Site 4 – Cyclists – Sunday 24th June 2018

	A2300 (East)	Cuckfield Road (South)	A2300 (West)	Cuckfield Road (North)	Total
A2300 (East)	0	3	9	2	14
Cuckfield Road (South)	5	0	2	41	48
A2300 (West)	12	5	1	1	19
Cuckfield Road (North)	2	43	6	5	56
Total	19	51	18	49	137

The highest cyclist flows were recorded on Sunday 24th June with a total of **137**. On Saturday 26th May **132** movements were recorded; on Sunday 27th May **110**, Monday 28th May **103** and Saturday 23rd June **101** movements.

The busiest movements were the straight-ahead movements. In total there were **72** movements straight across the roundabout on Cuckfield Road on the Saturday, with **43** on the Sunday and **53** on the Monday. In total there were **39** movements in both directions along the A2300 on the Saturday, with **35** on the Sunday and **17** on the Monday.

There was a total of **4** equestrian movements across the May survey days and none in June. There were **2** from the A2300 (West) to Cuckfield Road (North), and **2** between the A2300 (West) and Cuckfield Road (South).

5.3 ANALYSIS

The following table provides a modal split for each survey day and an average for the site:

Table 47 - NMU Site 4 – Modal Split

		Pedestrians	Cyclists	Equestrian
Saturday 26th May 2018	Total for the category	2	132	2
	Total movements on the day	136	136	136
	%	2%	97%	1%
Sunday 27th May 2018	Total for the category	3	110	0
	Total movements on the day	113	113	113
	%	3%	97%	0%
Monday 28th May 2018	Total for the category	4	103	2
	Total movements on the day	109	109	109
	%	4%	94%	2%
Saturday 23rd June 2018	Total for the category	5	101	0
	Total movements on the day	106	106	106
	%	5%	95%	0%
Sunday 24th June 2018	Total for the category	3	137	0
	Total movements on the day	140	140	140
	%	2%	98%	0%
Average modal split % for the site		2%	97%	1%

Analysis of the movements between 08:00 – 18:00 for each survey day has been undertaken and is provided in the table below:

Table 48 - NMU Site 4 – Time of Day Analysis

		Pedestrians	Cyclists
Saturday 26th May 2018	Total	2	132
	08-00-18:00	1	117
	%	50%	89%
Sunday 27th May 2018	Total	3	110
	08-00-18:00	2	93
	%	67%	85%
Monday 28th May 2018	Total	4	103
	08-00-18:00	3	87
	%	75%	84%
Saturday 23rd June 2018	Total	5	101
	08-00-18:00	4	85
	%	80%	84%
Sunday 24th June 2018	Total	3	137
	08-00-18:00	2	125
	%	67%	91%

6 NMU SITE 5 - HICKSTEAD LANE / A2300 ROUNDABOUT

This chapter provides a summary and basic analysis of the data collected at NMU Site 5.

6.1 PEDESTRIANS

The following tables provide summaries of pedestrian movements at this site for each survey day:

Table 49 - NMU Site 5 – Pedestrians – Saturday 26th May 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	3	5	16	20	44
A2300 (South)	5	0	1	0	6
Hickstead Lane	25	8	0	13	46
A2300 (North)	18	0	20	0	38
Total	51	13	37	33	134

Table 50 - NMU Site 5 – Pedestrians – Sunday 27th May 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	0	3	15	5	23
A2300 (South)	2	0	2	0	4
Hickstead Lane	18	3	0	0	21
A2300 (North)	7	64	2	2	75
Total	27	70	19	7	123

Table 51 - NMU Site 5 – Pedestrians – Monday 28th May 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	1	0	7	6	14
A2300 (South)	1	0	0	1	2
Hickstead Lane	16	2	0	0	18
A2300 (North)	9	1	2	1	13
Total	27	3	9	8	47

Table 52 - NMU Site 5 – Pedestrians – Saturday 23rd June 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	0	24	57	29	110
A2300 (South)	36	0	5	33	74
Hickstead Lane	99	5	0	16	120
A2300 (North)	23	20	68	2	113
Total	158	49	130	80	417

Table 53 - NMU Site 5 – Pedestrians – Sunday 24th June 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	0	36	34	27	97
A2300 (South)	42	4	14	9	69
Hickstead Lane	55	50	0	8	113
A2300 (North)	16	10	9	0	35
Total	113	100	57	44	314

The highest pedestrian flows were recorded in June with **417** in total on Saturday 23rd and **314** on Sunday 24th. In May survey days' numbers are significantly lower, with a total of **134** movements on Saturday 26th, **123** on Sunday 27th and **47** on the Monday 28th.

The busiest flow was between the A2300 (East) and Hickstead Lane. There was a total of **156** movements in both directions on Saturday 23rd June and **89** on Sunday 24th June; in May numbers are again low, with 41 recorded on Saturday 26th May, **33** on Sunday 27th May and **23** on Monday 28th May.

On Sunday 27th May there were **64** movements from the A2300 (North) to the A2300 (South), compared to **0** on Saturday 26th May and **1** on Monday 28th May. The large number of movements on Sunday 27th May was due to Ifield Chestnut House's Pillars to Plough Charity Walk from Brighton to Crawley.

6.2 CYCLISTS

The following tables provide summaries of cyclist movements at this site for each survey day:

Table 54 - NMU Site 5 – Cyclists – Saturday 26th May 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	0	2	31	10	43
A2300 (South)	2	0	2	38	42
Hickstead Lane	24	5	1	1	31
A2300 (North)	2	23	6	0	31
Total	28	30	40	49	147

Table 55 - NMU Site 5 – Cyclists – Sunday 27th May 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	0	12	32	14	58
A2300 (South)	10	0	2	36	48
Hickstead Lane	50	5	0	0	55
A2300 (North)	13	15	2	0	30
Total	73	32	36	50	191

Table 56 - NMU Site 5 – Cyclists – Monday 28th May 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	0	10	36	6	52
A2300 (South)	6	0	4	31	41
Hickstead Lane	49	5	1	5	60
A2300 (North)	12	27	5	0	44
Total	67	42	46	42	197

Table 57 - NMU Site 5 – Cyclists – Saturday 23rd June 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	1	4	25	14	44
A2300 (South)	1	0	0	43	44
Hickstead Lane	37	2	0	2	41
A2300 (North)	8	8	2	0	18
Total	47	14	27	59	147

Table 58 - NMU Site 5 – Cyclists – Sunday 24th June 2018

	A2300 (East)	A2300 (South)	Hickstead Lane	A2300 (North)	Total
A2300 (East)	0	5	45	6	56
A2300 (South)	12	0	5	28	45
Hickstead Lane	37	13	0	0	50
A2300 (North)	11	9	3	1	24
Total	60	27	53	35	175

The highest flow of cyclists was recorded on Monday 28th May with a total of **197** movements. A further **191** movements were recorded on Sunday 27th May, **147** on both Saturday 26th May and Saturday 23rd June, and **175** on Sunday 24th June.

The busiest movement was between Hickstead Lane and the A2300 (East), with a total of **56** movements on Saturday 26th May in both directions, with **82** on Sunday 27th May and **86** on Monday 28th May. Flows are consistently high in June as well with **63** on Saturday 23rd and **82** on Sunday 24th.

There were also a large number of movements between the A2300 (North) and the A2300 (South), with a total of **61** on Saturday 26th May, **51** on Sunday 27th May and **58** on Monday 28th May, as well as **51** on Saturday 23rd June and **37** on Sunday 24th June.

There were no equestrian movements at this site.

6.3 ANALYSIS

The following table provides a modal split for each survey day and an average for the site:

Table 59 - NMU Site 5 – Modal Split

		Pedestrians	Cyclists	Equestrian
Saturday 26th May 2018	Total for the category	134	147	0
	Total movements on the day	281	281	281
	%	48%	52%	0%
Sunday 27th May 2018	Total for the category	123	191	0
	Total movements on the day	314	314	314
	%	39%	61%	0%
Monday 28th May 2018	Total for the category	47	197	0
	Total movements on the day	244	244	244
	%	19%	81%	0%
Saturday 23rd June 2018	Total for the category	417	147	0
	Total movements on the day	564	564	564
	%	74%	26%	0%
Sunday 24th June 2018	Total for the category	314	175	0
	Total movements on the day	489	489	489
	%	64%	36%	0%
Average modal split % for the site		54%	46%	0%

Analysis of the movements between 08:00 – 18:00 for each survey day has been undertaken and is provided in the table below:

Table 60 - NMU Site 5 – Time of Day Analysis

		Pedestrians	Cyclists
Saturday 26th May 2018	Total	134	147
	08-00-18:00	52	115
	%	39%	78%
Sunday 27th May 2018	Total	123	191
	08-00-18:00	112	168
	%	91%	88%
Monday 28th May 2018	Total	47	197
	08-00-18:00	37	177
	%	79%	90%
Saturday 23rd June 2018	Total	417	147
	08-00-18:00	252	125
	%	60%	85%
Sunday 24th June 2018	Total	314	175
	08-00-18:00	246	159
	%	78%	91%

7 SUMMARY

This report has provided a summary of the findings from a NMU survey undertaken on the A2300 near Burgess Hill in May and June 2018.

Raw data has been provided in Excel format and all information provided in this report related to the data contained within those spreadsheets.



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