



Stanwick Neighbourhood Plan

Transport Audit

Stanwick Neighbourhood Plan Steering Group

March 2016

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Stanwick Neighbourhood Plan

Audit of Transport Issues

Prepared by Stanwick Neighbourhood Plan Steering Group

Audit of Transport

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Transport Report

Purpose of the Transport Report

The Neighbourhood Plan objectives include the need to examine land use and this may include identifying land to be designated for parking as well as examining how a parking policy could be drafted for new developments, both domestic and commercial.

The purpose of this report is to ensure the Steering Group has a good understanding of the current situation to enable the Steering Group to make decisions on an informed basis that are relevant for Stanwick.

Introduction

The National Planning Policy Framework (policies 29-41) broadly outlines expectations for sustainable transport, with the caveat that the transport plans “should take account of policies set out elsewhere in the Framework, particularly in rural areas”

The North Northamptonshire Joint Planning Unit (NNJPU) Joint Core Strategy (adopted 2016) does not specifically provide for transport matters at a village level. Work being undertaken by the NNJPU, including the North Northamptonshire Infrastructure Delivery Plan 2015, continues to focus on strategic infrastructure issues for the North Northamptonshire area. More information can be found on their website www.nnpjpu.org.uk

Northamptonshire County Council's 'Northamptonshire Transportation Plan: Fit for Purpose' is the strategic document that sets out their aims and goals for transportation in Northamptonshire. It was agreed and adopted by Northamptonshire County Council in March 2012.

The Northamptonshire Transportation Plan comprises a suite of documents that can be updated as and when needed. The daughter documents that sit beneath the Northamptonshire Transportation Plan give more detail on strategy and policy for specific themes and areas

However, The Northamptonshire Transportation Plan does not provide strategies relevant at a village level.

The guidance seen by the Steering Group focuses on new development rather than improving transport within an existing area.

Transport issues within Stanwick

The Stanwick Village Plan 2007, the Stanwick Parish Plan 2013-2018, Police traffic data and anecdotal evidence identify the following key transport issues in Stanwick:

- High traffic volumes using Stanwick as a short cut to and from the A45
- Significant traffic volumes exceeding the speed limits
- Lack of designated parking areas (including parking for the disabled) leading to parking congestion particularly in the High Street/Church Street/ Spencer Parade and the knock on effects this has on other roads

- Other parking issues including illegal, inappropriate or inconsiderate parking
- Resident concerns regarding the absence of a bridge over the A45 for non-motorised traffic
- Public transport bus services are not available on Sundays

Parking Survey

To support the policy making decisions, a parking and traffic survey has been undertaken to quantify some of the issues and concerns. The parking survey was spread over two weeks, the first being during the October 2015 school half-term, and the second in December 2015, during term time. This was to identify the impact on parking requirements at different times in the school year; this seeming to be the main factor in changes to weekday parking requirements.

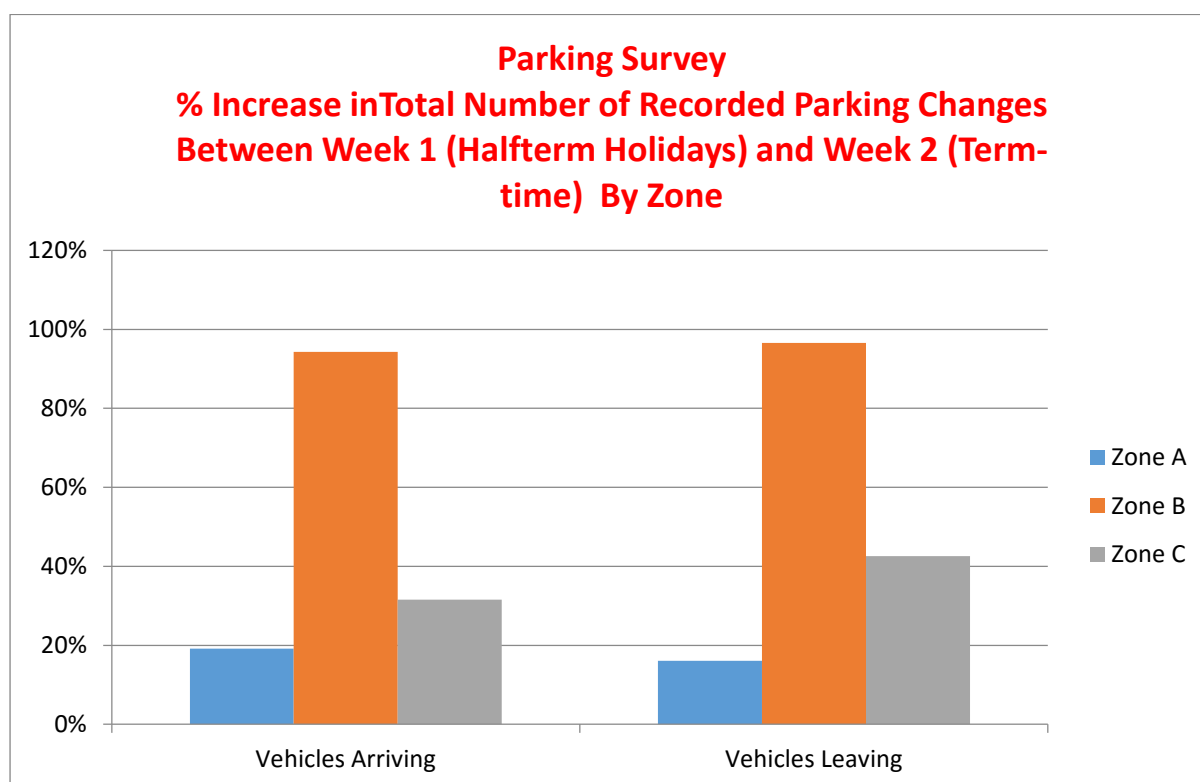
Methodology (outlined)

- 3 zones were selected, in the middle of the village, to be covered by the survey.
- Volunteers were recruited from both the Neighbourhood Plan Steering Group, and from the residents of Stanwick, to undertake the survey in these specific zones and time slots.
- The numbers of cars already parked in the designated areas and those arriving and departing, during the selected time-slots, were counted. This gave a good overview of the parking situation during these times.
- Commentaries from the volunteers were included in the survey, to cover weather conditions and instances of inappropriate, inconsiderate or illegal parking.
- In addition separate surveys were undertaken to identify total vehicle movement through the village, using an automated Speed Indication Device.
- The parking data can be analysed in several ways, some of which are shown in the Appendices.
- The Highways Authority have suggested the use of a slightly different methodology which would only capture “snapshots” of the use of available parking “bays”, identified in half-hourly patrols of each zone.
- The methodology chosen was limited by the availability of resources (volunteers) and set out to provide not only the number of cars parked in each zone at the beginning of each session (similar to that suggested by the Highways Authority), but also the level of movement (“comings” and “goings”) within these bays, during each session.
- Commissioning a consultant to undertake the survey was also considered, but the work suggested by the consultant would not provide the Steering Group with much more information than this report provides and it was not considered to be a good use of funds.

Brief Overview of the results of the parking survey

An important focus of the survey was to show the different levels of parking activity that occur both during school term-time and at school holidays. The impact on parking activities during term time showed, on average, an increase of over 40% in the number of car parking activities (the % increases in parking activities, the “comings” and “goings”, between week 1 and week 2 of the survey, are shown below).

Additionally, because of the lack of sufficient officially designated parking bays, there was a significant number of instances of illegal, inappropriate or inconsiderate parking in both weeks e.g. parking on/partially on the pavement, using the only disabled parking space when showing no blue badge, parking on zig-zag/double yellow lines, etc.



Zone A – Spencer Parade from the Bistro to Potters Butchers
Zone B – Church Street from Photographers to Bland's Yard
Zone C – High Street from Photographers to Stanwick Club

Further data is shown in the Appendices.

Other parking data

A separate survey report is available on the Neighbourhood Plan website 'School Transport Survey' (August 2016) that collected information from families at Stanwick School.

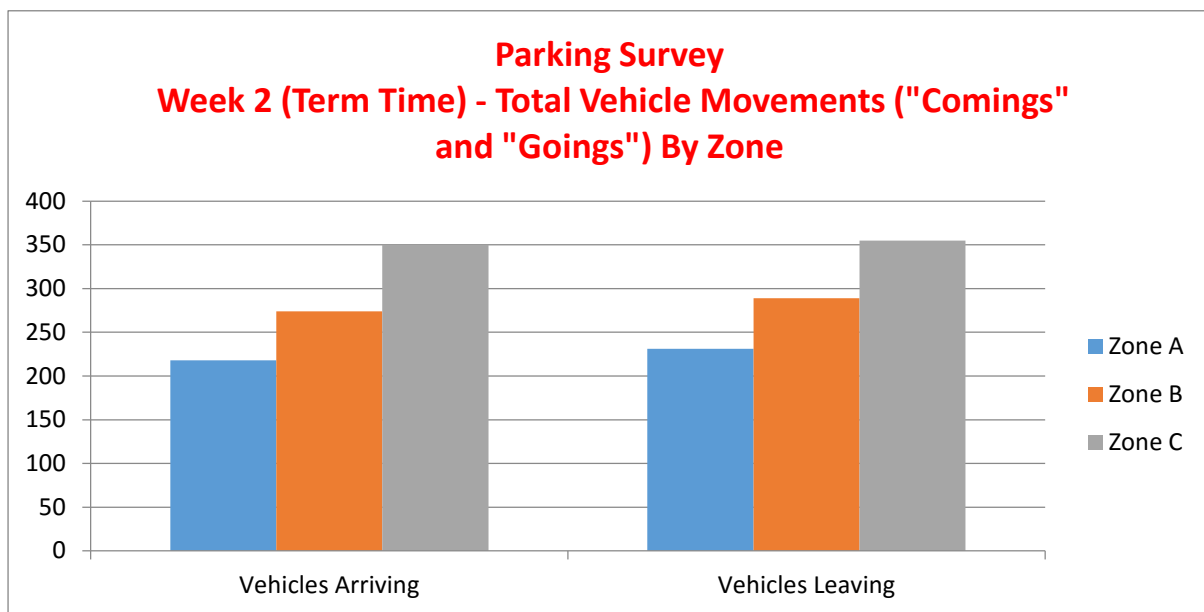
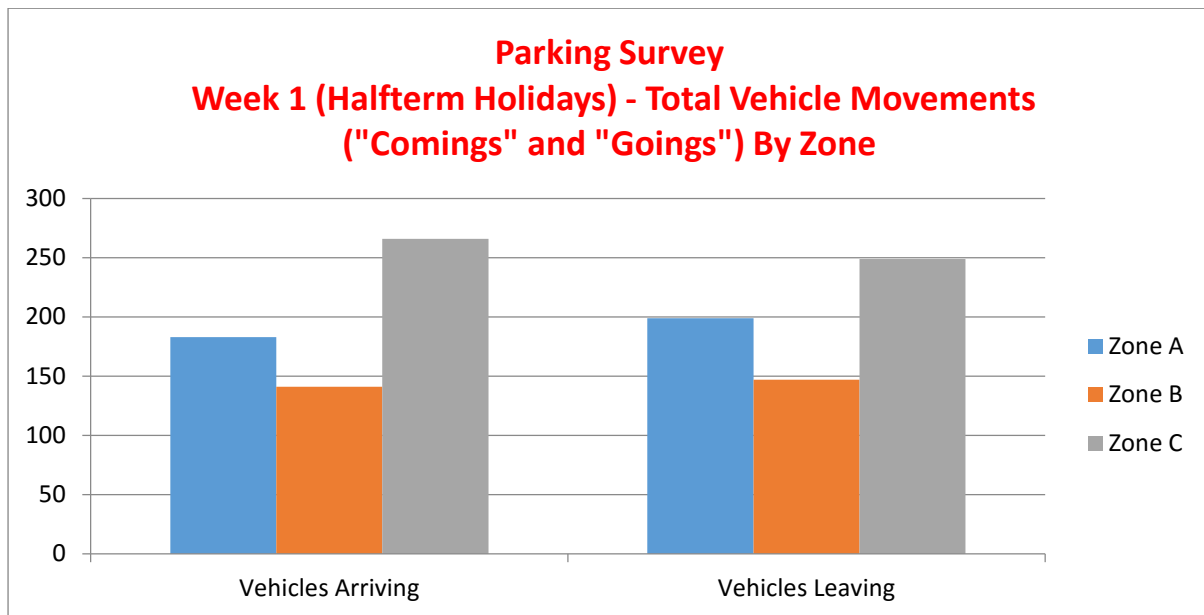
Conclusions and Recommendations

- There are a reasonable number of cars already parked in the surveyed zones, as many residents in older properties have no off-street parking.
- Local businesses within the zones have little opportunity to provide specific parking for their patrons, which adds to the problem.
- There needs to be an investigation into further opportunities to increase parking facilities within the designated surveyed zones, for example at the premises of Hawkes Technical Services.
- There may be threats to current 'good-will' parking, for example at the Duke of Wellington, which provide valuable parking spaces.
- Consideration may need to be given to carrying out further surveys in different zones/time slots in the future to further clarify the parking situation. However, there are currently no plans to do this.

Although there is no strategic plan at a village level in the Northamptonshire Transport Plan, the Neighbourhood Plan would suggest the following policies be adopted for Stanwick.

- Work together with the Highways Agency and Highways Authority, transport providers, the village school and any developers, to produce a long term sustainable strategy for improvement in the management of traffic in and around Stanwick to reduce the impact of developments on the community.
- Maximise opportunities to walk, particularly to the village school and shop.
- Work with public transport providers to improve local services, particularly at weekends.
- Work together with the Local Authority and Police Authority to discourage illegal parking in the village, possibly by caution or penalty. E.g. traffic warden or police constable presence at problem times.
- Encourage developers to provide adequate parking facilities.
- Encourage businesses to provide adequate parking for customers, particularly if they intend to expand.

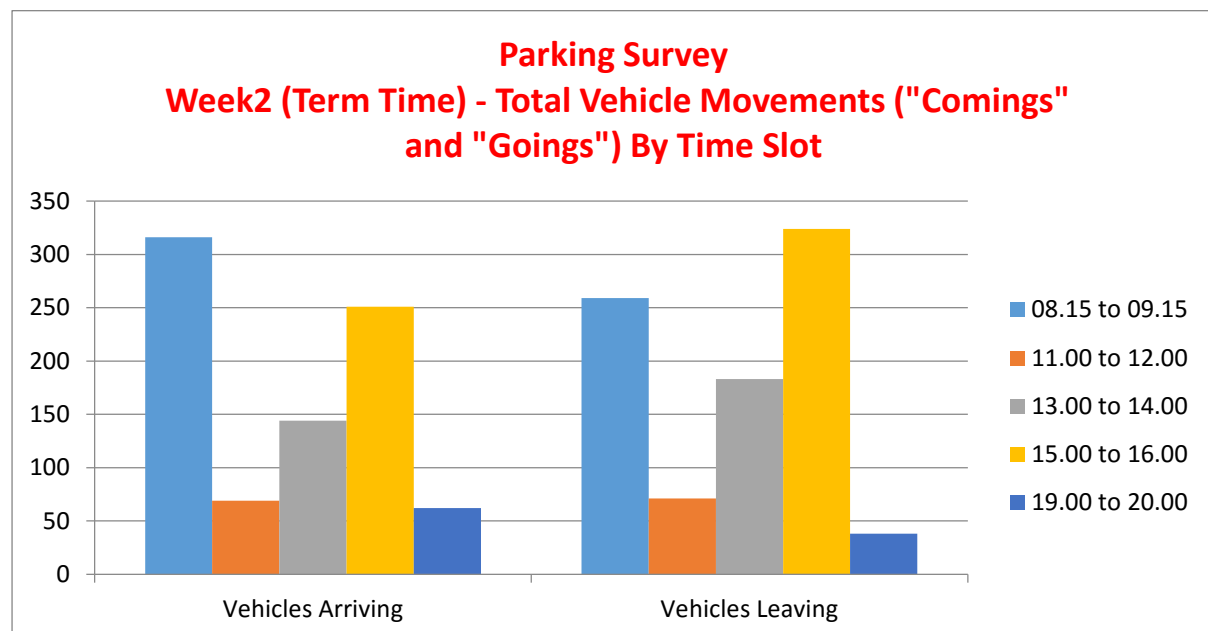
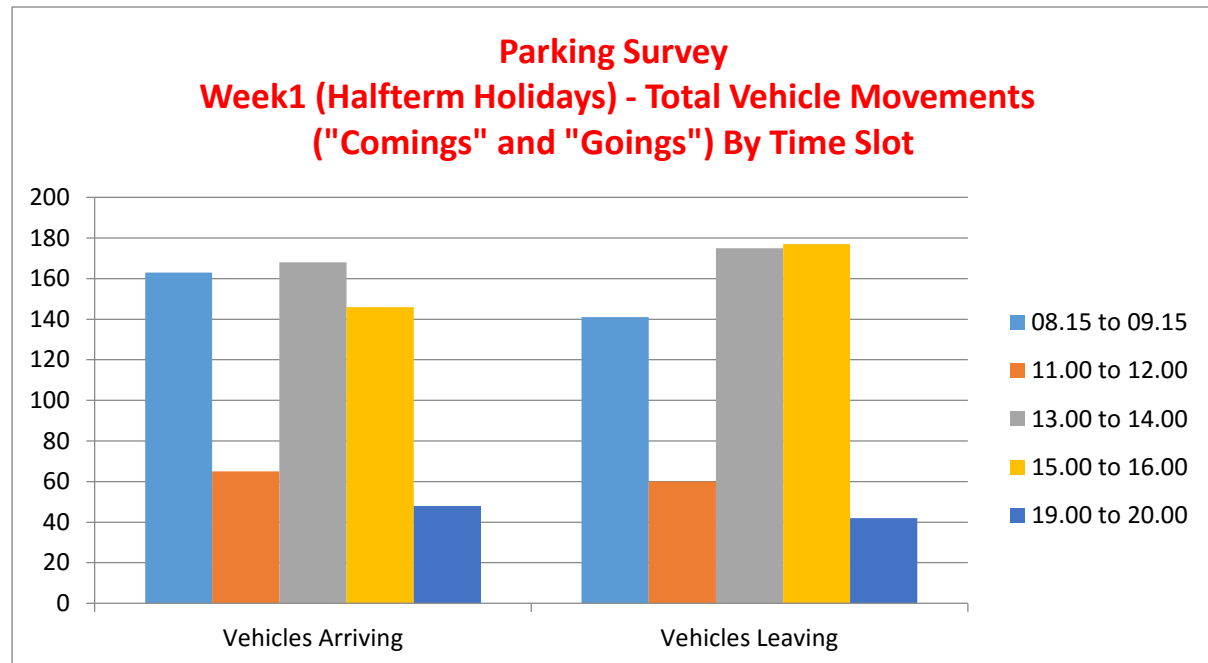
Appendix 1 Total vehicle parking activities by zone



Zone A – Spencer Parade from the Bistro to Potters Butchers
Zone B – Church Street from Photographers to Bland's Yard
Zone C – High Street from Photographers to Stanwick Club

Appendix 2 Total vehicle movements by time slot

Graphs to show the total of vehicle movements within the three zones during each time period.



The week 2 data shows larger volumes of vehicles but the peak of movement times (08.15 to 09.15 and 15.00 to 16.00) mirrors that of week 1.

Appendix 3 Use of available parking slots

By adopting the methodology suggested by the Highways Authority we can identify the use of what we can term “recognised parking bays”. This divides each of the designated zones into a number of bays that are 5.5 metres in length – this would regard most of the designated zones as allowing parking only on one side of the road; would take out any areas that parking should not be allowed e.g. entrances to personal driveways, bus stops, etc.; and allow for recognised parking bays e.g. opposite the Bistro in the High Street and the parking area near to Hawkes Technical, in Spencer Parade.

This methodology equates to the following numbers of parking bays in each zone –

- Zone A (Spencer Parade from the Bistro to Potters Butchers) 16
- Zone B (Church Street from Photographers to Bland’s Yard) 13
- Zone C (High Street from Photographers to Stanwick Club) 10

The following Tables compare the actual number of cars parked with the number of available bays, in each zone at the beginning of each time-slot – positive figures (highlighted in red) indicate more cars parked than available bays, suggesting possible occurrences of inappropriate, inconsiderate or illegal parking.

Week1 Use of Available Parking Slots

Zone	Time Slot	Mon	Tue	Wed	Thu	Fri	Sat	Sun
A	08.15 to 09.15	-10	-7	-11	-9	-8	0	0
	11.00 to 12.00	0	0	0	0	0	0	-13
	13.00 to 14.00	-14	-1	-9	-8	-4	0	0
	15.00 to 16.00	-16	-8	-13	-13	-5	0	0
	19.00 to 20.00	0	0	0	0	-13	-15	-16
B	08.15 to 09.15	-2	-4	-3	-4	-1	0	0
	11.00 to 12.00	0	0	0	0	0	-3	-7
	13.00 to 14.00	-4	-3	-2	1	0	0	0
	15.00 to 16.00	-4	-3	2	-3	-1	0	0
	19.00 to 20.00	0	0	0	0	-3	-1	-13
C	08.15 to 09.15	-2	-2	-3	-4	-3	0	0
	11.00 to 12.00	0	0	0	0	0	1	0
	13.00 to 14.00	-3	4	5	3	2	0	0
	15.00 to 16.00	-5	0	-4	-1	-3	0	0
	19.00 to 20.00	0	0	0	0	1	-2	-10
		-59	-23	-37	-37	-37	-19	-58

Week 2 Use of Available Parking Slots

Zone	Time Slot	Mon	Tue	Wed	Thu	Fri	Sat	Sun
A	08.15 to 09.15	-8	0	-6	-5	-4	0	0
	11.00 to 12.00	0	0	0	0	0	0	3
	13.00 to 14.00	-7	-2	-3	-6	-1	0	0
	15.00 to 16.00	-4	-8	-4	0	-3	0	0
	19.00 to 20.00	0	0	0	0	-9	-4	-16
B	08.15 to 09.15	-4	-2	0	-2	-2	0	0
	11.00 to 12.00	0	0	0	0	0	-3	8
	13.00 to 14.00	2	3	4	8	4	0	0
	15.00 to 16.00	0	1	1	2	3	0	0
	19.00 to 20.00	0	0	0	0	-4	2	-13
C	08.15 to 09.15	-3	-3	-5	-2	-6	0	0
	11.00 to 12.00	0	0	0	0	0	5	6
	13.00 to 14.00	2	2	2	6	4	0	0
	15.00 to 16.00	4	2	0	6	1	0	0
	19.00 to 20.00	0	0	0	0	6	5	-10
		-17	-6	-10	8	-10	6	-21

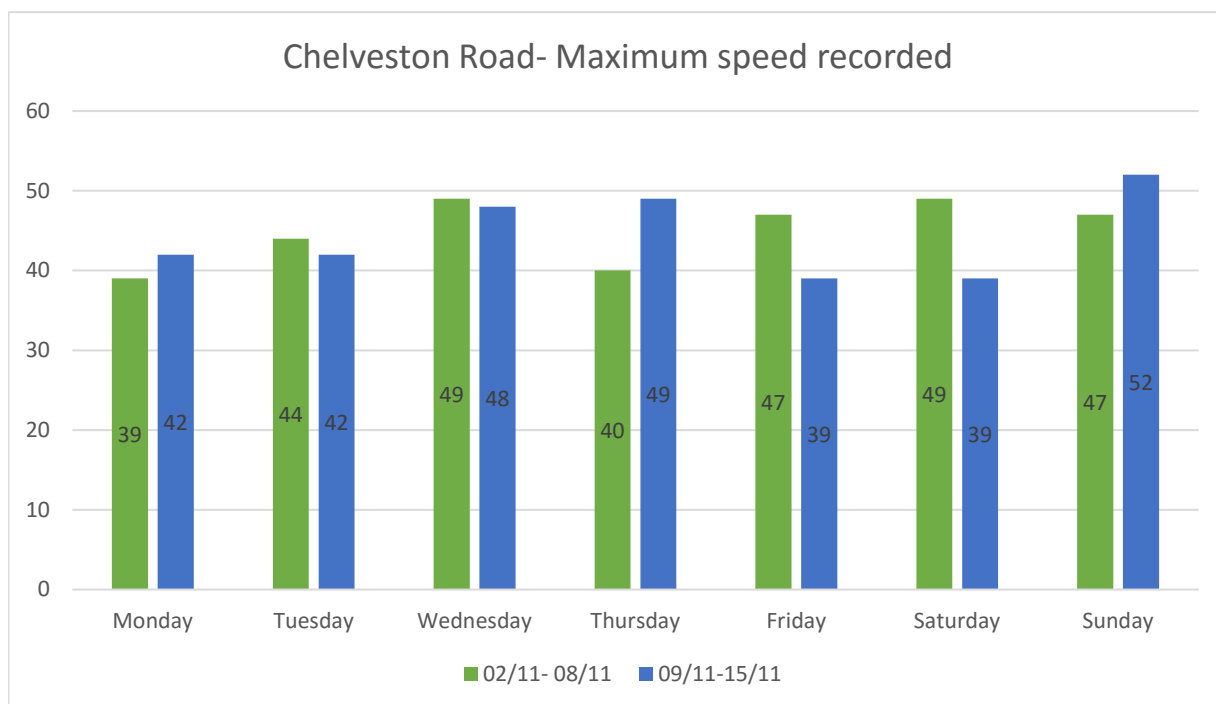
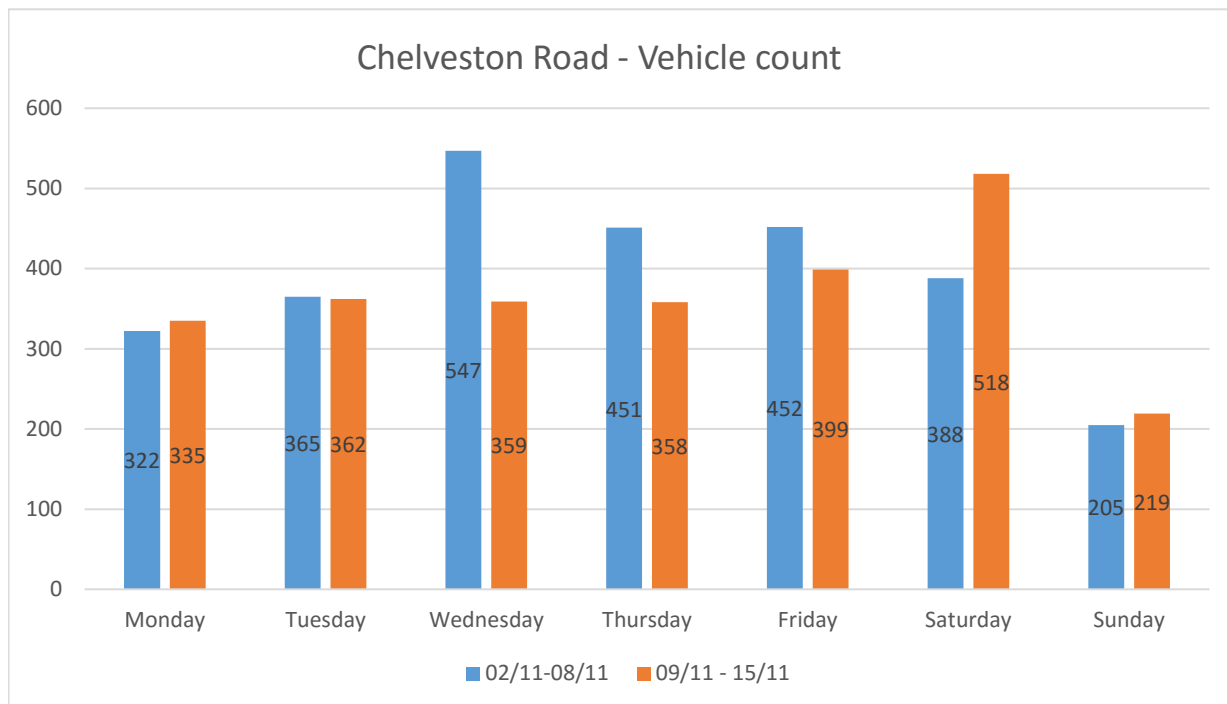
Appendix 4 Photographs of Stanwick Parking Issues







Appendix 5 Data collected using the Speed Indication Device



Chelveston Road: Vehicle counts 02/11/15 to 08/11/15

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	02/11/2015	03/11/2015	04/11/2015	05/11/2015	06/11/2015	07/11/2015	08/11/2015			
0 - 1	0	0	0	0	0	1	6	0	3.5	*
1 - 2	0	0	1	0	0	1	2	0.2	1.5	40
2 - 3	0	1	1	1	0	1	0	0.6	0.5	40
3 - 4	1	0	0	0	3	0	2	0.8	1	35
4 - 5	0	0	0	0	0	0	0	0	0	*
5 - 6	3	2	0	0	1	6	0	1.2	3	51.7
6 - 7	4	2	5	3	5	2	2	3.8	2	37
7 - 8	8	11	163	18	3	14	1	40.6	7.5	37.8
8 - 9	17	29	35	30	35	30	4	29.2	17	41.3
9 - 10	19	15	20	13	19	74	14	17.2	44	42.3
10 - 11	21	18	19	29	40	29	15	25.4	22	42.8
11 - 12	14	28	17	23	24	29	23	21.2	26	45.2
12 - 13	17	21	15	18	26	27	15	19.4	21	41.7
13 - 14	32	23	25	29	26	27	26	27	26.5	42.5
14 - 15	31	21	21	23	34	33	19	26	26	44.1
15 - 16	29	32	38	71	42	17	22	42.4	19.5	42.7
16 - 17	45	64	60	74	68	22	20	62.2	21	42.4
17 - 18	46	42	55	48	36	25	14	45.4	19.5	44.1
18 - 19	21	19	32	33	31	14	7	27.2	10.5	44.4
19 - 20	3	15	12	14	21	7	7	13	7	40.8
20 - 21	5	9	15	8	7	18	2	8.8	10	39.9
21 - 22	1	6	7	7	16	6	1	7.4	3.5	47.8
22 - 23	4	5	4	5	9	2	2	5.4	2	45.2
23 - 24	1	2	2	4	6	3	1	3	2	43.5
Totals	322	365	547	451	452	388	205			
% of Total	11.80%	13.40%	20%	16.50%	16.60%	14.20%	7.50%			

Chelveston Road: Vehicle counts 09/11/15 to 15/11/15

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	09/11/2015	10/11/2015	11/11/2015	12/11/2015	13/11/2015	14/11/2015	15/11/2015			
0 - 1	0	0	0	2	0	1	9	0.4	5	55
1 - 2	0	0	0	0	0	0	2	0	1 *	
2 - 3	0	0	0	0	0	2	0	0	1 *	
3 - 4	0	0	0	0	0	1	1	0	1 *	
4 - 5	0	0	0	0	0	0	0	0	0 *	
5 - 6	2	0	4	0	0	0	1	1.2	0.5	31.3
6 - 7	4	5	3	6	3	3	4	4.2	3.5	34.7
7 - 8	6	14	11	9	7	7	0	9.4	3.5	43.2
8 - 9	30	31	29	24	37	7	7	30.2	7	41.3
9 - 10	12	23	21	16	21	20	12	18.6	16	42.4
10 - 11	18	16	17	20	18	12	26	17.8	19	44.3
11 - 12	25	14	13	24	24	26	14	20	20	42.6
12 - 13	22	21	14	16	27	31	14	20	22.5	42.6
13 - 14	9	16	21	17	26	70	31	17.8	50.5	43.1
14 - 15	34	23	21	20	26	230	12	24.8	121	43.7
15 - 16	31	30	43	27	45	16	29	35.2	22.5	42
16 - 17	53	56	43	55	37	22	29	48.8	25.5	43.3
17 - 18	44	58	55	63	55	22	7	55	14.5	44.5
18 - 19	18	20	30	18	30	12	10	23.2	11	42.8
19 - 20	9	11	9	20	19	7	2	13.6	4.5	44.5
20 - 21	9	9	13	10	10	12	3	10.2	7.5	45.5
21 - 22	3	8	5	4	4	7	2	4.8	4.5	42
22 - 23	3	6	4	5	6	6	4	4.8	5	42
23 - 24	3	1	3	2	4	4	0	2.6	2	48
Totals	335	362	359	358	399	518	219			
% of Total	13.10%	14.20%	14.10%	14%	15.60%	20.30%	8.60%			

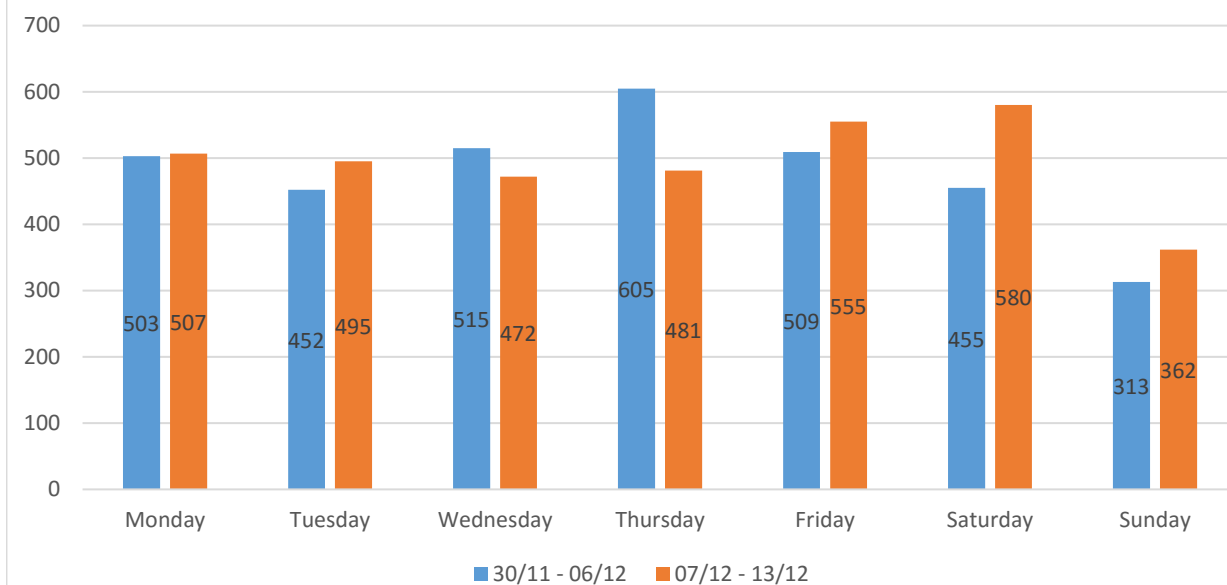
Chelveston Road: average recorded speeds 02/11/15 to 08/11/15

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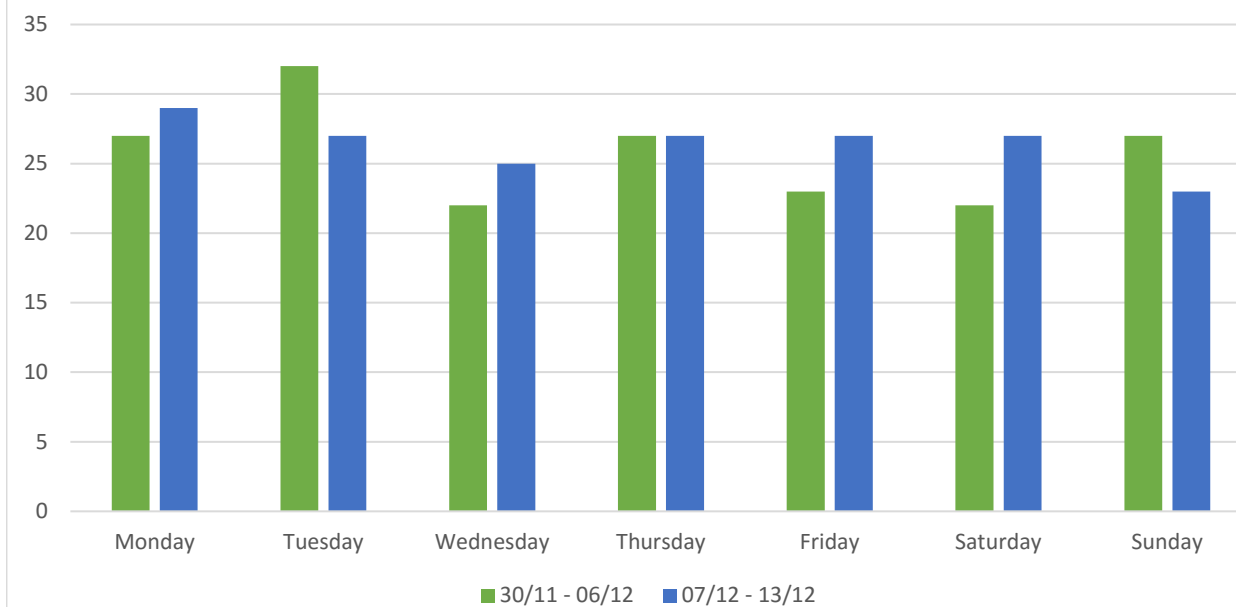
Chelveston Road: average recorded speeds 09/11/15 to 15/11/15

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Church Street - Vehicle count



Church Street - Maximum recorded speed



Church Street - Vehicles counts 30/11/15 to 06/12/15

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day	Weekend	Week Day
	30/11/2015	01/12/2015	02/12/2015	03/12/2015	04/12/2015	05/12/2015	06/12/2015	Avg	Avg	85% Avg
0 - 1	3	1	0	3	0	3	6	1.4	4.5	33.3
1 - 2	0	0	0	0	0	0	3	0	1.5	*
2 - 3	0	0	0	0	0	4	0	0	2	*
3 - 4	0	0	2	0	0	1	1	0.4	1	25
4 - 5	0	0	0	0	0	2	0	0	1	*
5 - 6	13	4	8	2	5	0	0	6.4	0	28.8
6 - 7	8	6	6	7	11	0	0	7.6	0	25.9
7 - 8	20	20	20	26	13	12	3	19.8	7.5	23.3
8 - 9	32	37	26	33	32	9	7	32	8	23.3
9 - 10	41	26	32	29	24	15	13	30.4	14	21.9
10 - 11	20	13	20	21	21	27	24	19	25.5	22.1
11 - 12	16	22	21	26	27	33	35	22.4	34	22.9
12 - 13	26	18	35	31	34	39	26	28.8	32.5	22.5
13 - 14	23	20	28	36	32	39	27	27.8	33	22.3
14 - 15	18	37	33	31	30	28	32	29.8	30	21.4
15 - 16	39	41	56	56	64	37	18	51.2	27.5	20.4
16 - 17	42	41	47	40	32	34	27	40.4	30.5	22.4
17 - 18	45	43	48	51	50	37	24	47.4	30.5	23.3
18 - 19	88	39	61	43	38	31	35	53.8	33	22.3
19 - 20	25	32	32	32	25	34	11	29.2	22.5	22.6
20 - 21	16	25	19	9	27	22	8	19.2	15	23.6
21 - 22	13	14	12	15	11	22	8	13	15	23.6
22 - 23	13	8	6	67	13	14	5	21.4	9.5	22.2
23 - 24	2	5	3	47	20	12	0	15.4	6	21.6
Totals	503	452	515	605	509	455	313			
% of Total	15%	13.50%	15.40%	18%	15.20%	13.60%	9.30%			

Church Street - Vehicles counts 07/12/15 to 13/12/15

Hour	Monday 07/12/2015	Tuesday 08/12/2015	Wednesday 09/12/2015	Thursday 10/12/2015	Friday 11/12/2015	Saturday 12/12/2015	Sunday 13/12/2015	Week Day Avg	Weekend Avg	Week Day 85% Avg
0 - 1	5	1	1	4	3	6	11	2.8	8.5	27
1 - 2	0	3	0	0	0	1	2	0.6	1.5	25
2 - 3	1	0	3	0	0	1	3	0.8	2	30
3 - 4	1	0	0	0	0	0	2	0.2	1	25
4 - 5	4	0	0	0	1	0	1	1	0.5	23.8
5 - 6	2	3	4	4	2	1	0	3	0.5	33.2
6 - 7	6	2	13	8	12	6	4	8.2	5	27
7 - 8	19	12	18	20	17	7	1	17.2	4	23.9
8 - 9	33	38	34	30	31	18	7	33.2	12.5	22.9
9 - 10	29	24	25	24	31	12	11	26.6	11.5	21.1
10 - 11	17	25	17	29	16	20	20	20.8	20	21.8
11 - 12	21	19	25	35	31	50	26	26.2	38	23.1
12 - 13	47	17	26	34	33	34	24	31.4	29	21.4
13 - 14	27	33	35	30	40	41	42	33	41.5	20.9
14 - 15	28	51	21	21	31	40	39	30.4	39.5	21.8
15 - 16	42	47	43	40	61	32	42	46.6	37	21.6
16 - 17	28	43	39	46	31	26	25	37.4	25.5	22.2
17 - 18	72	37	44	36	42	31	27	46.2	29	22.5
18 - 19	37	46	38	34	47	29	29	40.4	29	23.6
19 - 20	36	29	29	23	39	23	23	31.2	23	23.2
20 - 21	23	28	26	24	28	52	9	25.8	30.5	23.9
21 - 22	18	17	8	10	24	133	0	15.4	66.5	23.1
22 - 23	9	17	16	21	18	7	9	16.2	8	25.8
23 - 24	2	3	7	8	17	10	5	7.4	7.5	23.5
Totals	507	495	472	481	555	580	362			
% of Total	14.70%	14.30%	13.70%	13.90%	16.10%	16.80%	10.50%			

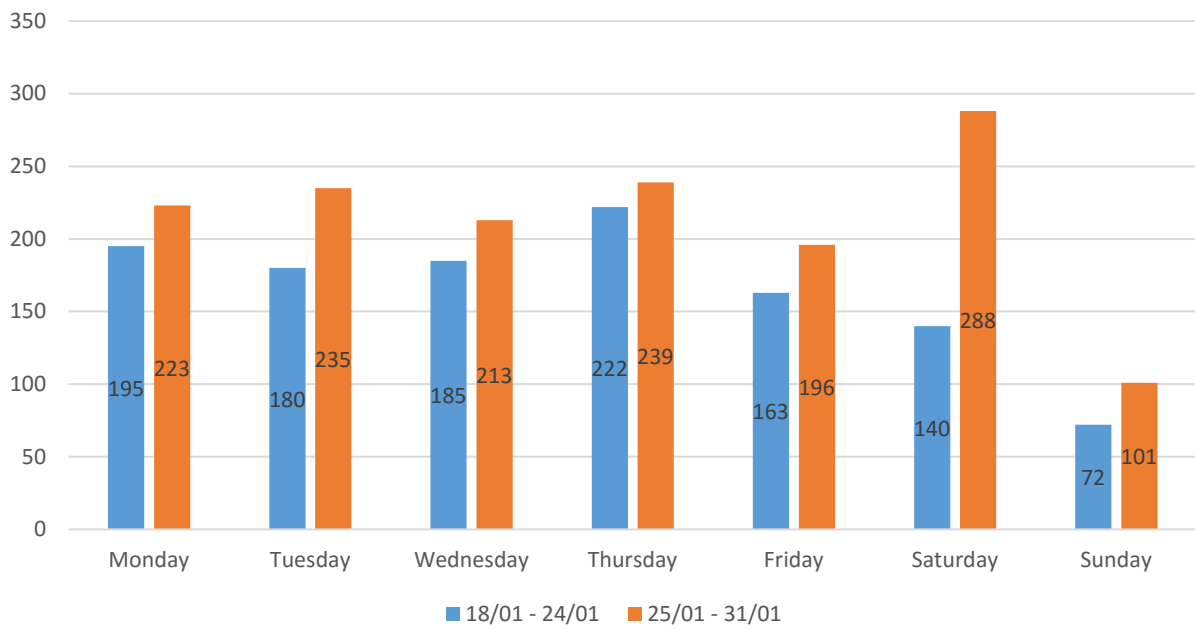
Church Street: average recorded speeds 30/11/15 to 06/12/15

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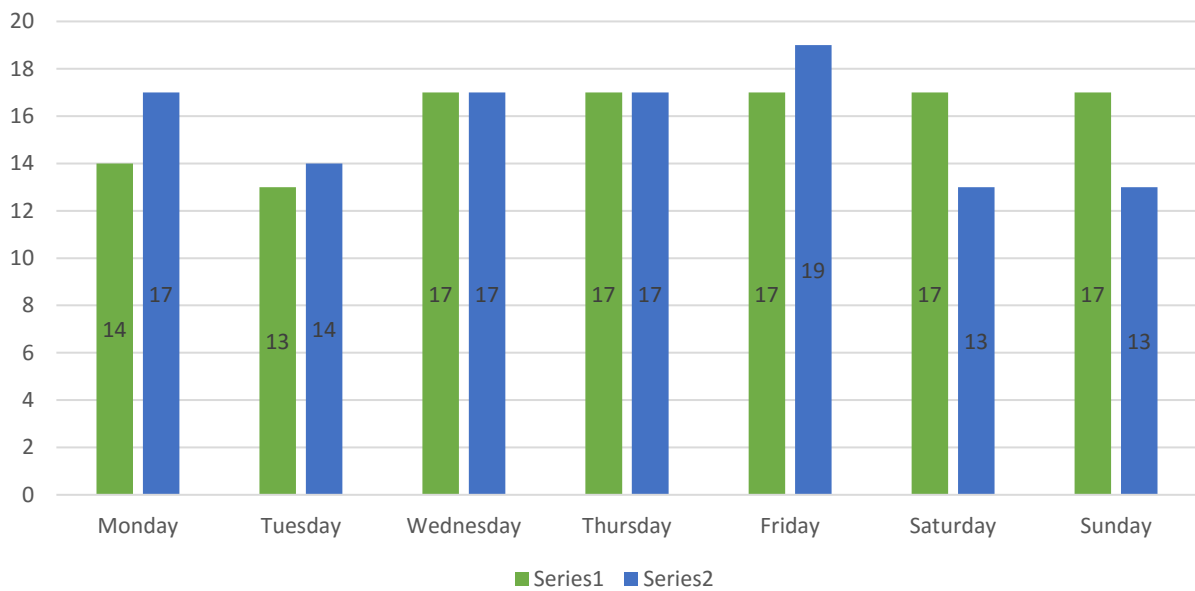
Church Street: average recorded speeds 07/12/15 to 13/12/15

[illegible]

High Street - vehicle count



High Street - Maximum recorded speed



High Street - Vehicle counts 18/01/16 to 24/01/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	18/01/2016	19/01/2016	20/01/2016	21/01/2016	22/01/2016	23/01/2016	24/01/2016			
0 - 1	0	0	0	0	0	1	1	0	1	*
1 - 2	0	0	0	1	1	1	1	0.4	1	17.5
2 - 3	0	0	0	0	0	0	0	0	0	*
3 - 4	0	0	0	0	0	0	0	0	0	*
4 - 5	1	0	0	0	0	0	0	0.2	0	15
5 - 6	0	1	1	1	1	2	0	0.8	1	17.5
6 - 7	0	2	0	5	2	1	0	1.8	0.5	14.6
7 - 8	19	11	10	15	10	2	1	13	1.5	15.8
8 - 9	18	15	14	14	10	5	3	14.2	4	15.8
9 - 10	15	16	10	16	13	12	4	14	8	14.5
10 - 11	12	9	10	9	3	22	9	8.6	15.5	15.1
11 - 12	14	14	9	23	7	18	11	13.4	14.5	15.4
12 - 13	15	12	15	19	13	19	5	14.8	12	14.4
13 - 14	6	15	17	11	13	11	2	12.4	6.5	14.3
14 - 15	12	10	10	14	9	9	9	11	9	14.4
15 - 16	21	17	20	24	17	11	3	19.8	7	14.7
16 - 17	16	21	20	13	17	8	7	17.4	7.5	15.6
17 - 18	18	6	13	22	13	5	4	14.4	4.5	14.3
18 - 19	6	7	15	11	15	7	5	10.8	6	15.8
19 - 20	12	9	10	10	8	5	3	9.8	4	14.7
20 - 21	4	6	7	5	8	1	1	6	1	14.8
21 - 22	5	5	2	4	3	0	2	3.8	1	15.9
22 - 23	1	2	2	1	0	0	0	1.2	0	15
23 - 24	0	2	0	4	0	0	1	1.2	0.5	14.4
Totals	195	180	185	222	163	140	72			
% of Total	16.90%	15.60%	16%	19.20%	14.10%	12.10%	6.20%			

High Street - Vehicle counts 25/01/16 to 31/01/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day	Weekend	Week Day
	25/01/2016	26/01/2016	27/01/2016	28/01/2016	29/01/2016	30/01/2016	31/01/2016	Avg	Avg	85% Avg
0 - 1	1	2	2	1	0	91	2	1.2	46.5	18.8
1 - 2	0	0	0	0	2	1	0	0.4	0.5	25
2 - 3	0	0	0	0	0	1	0	0	0.5	*
3 - 4	0	0	0	1	0	0	0	0.2	0	20
4 - 5	0	0	0	0	0	0	0	0	0	*
5 - 6	0	0	0	0	0	0	0	0	0	*
6 - 7	1	4	3	1	1	0	0	2	0	17.5
7 - 8	14	17	18	20	14	6	4	16.6	5	17.8
8 - 9	20	29	25	33	28	7	3	27	5	16.3
9 - 10	12	21	10	9	17	21	4	13.8	12.5	14.2
10 - 11	14	12	11	6	8	15	9	10.2	12	15.1
11 - 12	12	16	12	8	14	16	9	12.4	12.5	14.9
12 - 13	22	12	6	14	8	25	12	12.4	18.5	13.8
13 - 14	11	12	8	8	15	18	13	10.8	15.5	14.2
14 - 15	14	11	28	14	7	18	5	14.8	11.5	14.2
15 - 16	23	21	14	19	17	13	8	18.8	10.5	14.7
16 - 17	14	22	14	30	19	13	5	19.8	9	14.9
17 - 18	21	19	32	21	12	6	10	21	8	14.5
18 - 19	22	17	12	21	10	8	7	16.4	7.5	15.2
19 - 20	9	8	3	14	15	8	4	9.8	6	15.1
20 - 21	6	7	5	11	5	6	4	6.8	5	14.3
21 - 22	4	4	5	3	1	9	2	3.4	5.5	13
22 - 23	3	1	4	3	2	3	0	2.6	1.5	13.8
23 - 24	0	0	1	2	1	3	0	0.8	1.5	16.7
Totals	223	235	213	239	196	288	101			
% of Total	14.90%	15.70%	14.20%	16%	13.10%	19.30%	6.80%			

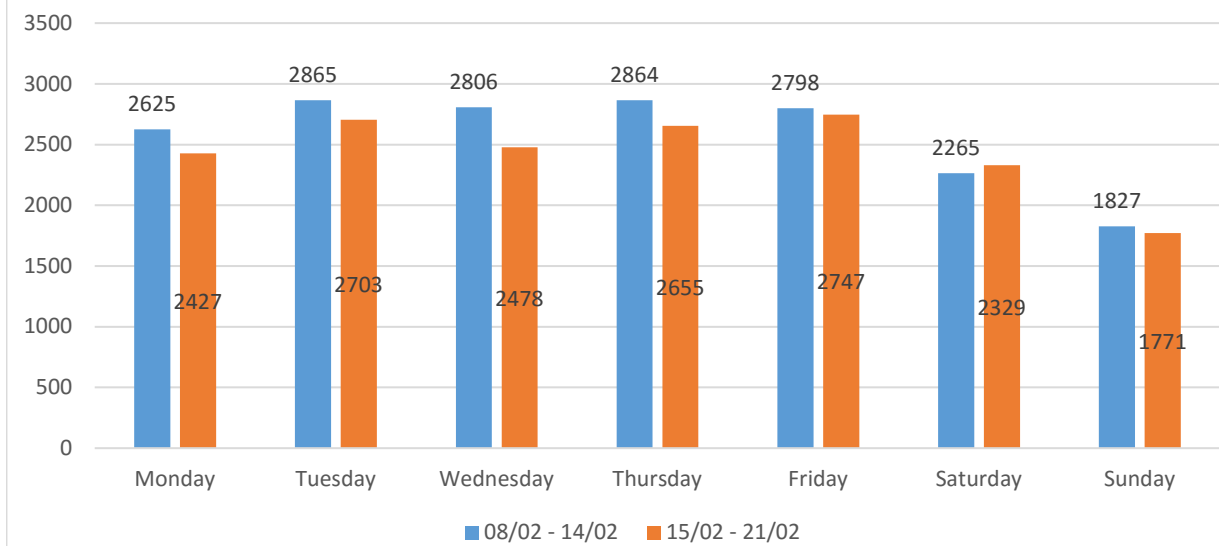
High Street: average recorded speeds 18/01/16 to 24/01/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	18/01/2016	19/01/2016	20/01/2016	21/01/2016	22/01/2016	23/01/2016	24/01/2016			
0 - 1	0	0	0	0	0	17	12	0	14.5	*
1 - 2	0	0	0	17	12	12	17	5.8	14.5	17.5
2 - 3	0	0	0	0	0	0	0	0	0	*
3 - 4	0	0	0	0	0	0	0	0	0	*
4 - 5	12	0	0	0	0	0	0	2.4	0	15
5 - 6	0	7	17	17	17	9.5	0	11.6	4.8	17.5
6 - 7	0	12	0	11.2	12	17	0	7	8.5	14.6
7 - 8	12.7	11.8	15	11.7	11.2	12	12	12.5	12	15.8
8 - 9	12.2	12.3	13.4	12.1	12.3	11.2	12	12.5	11.6	15.8
9 - 10	11.9	11.6	11.2	12	11.5	11.3	10.8	11.6	11.1	14.5
10 - 11	11.8	11.7	13	11	12.3	11.1	12.1	12	11.6	15.1
11 - 12	12.2	11.5	10.6	12	13.4	10.3	10.9	11.9	10.6	15.4
12 - 13	12.9	10.2	12.6	9.9	9.5	12.2	14.2	11	13.2	14.4
13 - 14	10.3	11.3	11.4	12.1	10.6	12.1	12	11.1	12.1	14.3
14 - 15	11.8	12.1	12.6	12.6	9.3	11.1	12.1	11.7	11.6	14.4
15 - 16	11.9	11.3	13	11.2	11.1	11.8	12	11.7	11.9	14.7
16 - 17	11.2	12.6	13.8	12.2	10.8	12.9	10	12.1	11.5	15.6
17 - 18	12	13.2	11.9	11.2	10.3	12	12	11.7	12	14.3
18 - 19	10.3	12.1	12.8	12.5	11.9	10.6	13	11.9	11.8	15.8
19 - 20	11.7	11.4	12.2	11.8	12	12	12	11.8	12	14.7
20 - 21	9.5	10.5	10.9	12	14	7	17	11.4	12	14.8
21 - 22	14.2	11	14.5	10.8	12	0	14.5	12.5	7.3	15.9
22 - 23	7	12	9.5	17	0	0	0	9.1	0	15
23 - 24	0	12.5	0	12.3	0	0	12	5	6	14.4

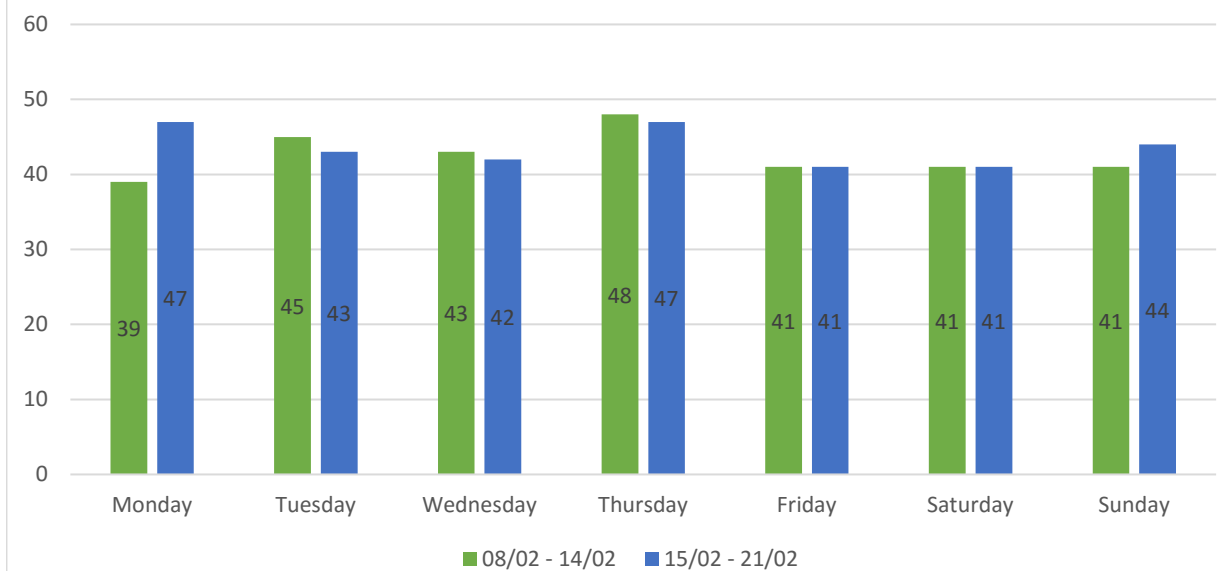
High Street: average recorded speeds 25/01/16 to 31/01/16

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Raunds Road - vehicle count



Raunds Road - Maximum recorded speed



Raunds Road - Vehicle counts 8/02/16 to 14/02/16 (SID located outside of 54 Raunds Road facing Raunds)

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	08/02/2016	09/02/2016	10/02/2016	11/02/2016	12/02/2016	13/02/2016	14/02/2016			
0 - 1	3	2	2	9	5	8	11	4.2	9.5	40.5
1 - 2	3	4	4	2	3	10	10	3.2	10	45
2 - 3	5	5	2	5	0	6	8	3.4	7	53.8
3 - 4	7	4	7	6	8	5	2	6.4	3.5	47.7
4 - 5	21	13	20	15	18	13	3	17.4	8	49.8
5 - 6	51	50	54	51	49	15	8	51	11.5	49.1
6 - 7	155	160	148	143	131	37	19	147.4	28	43.1
7 - 8	254	268	273	248	256	65	40	259.8	52.5	40.9
8 - 9	276	252	244	257	240	138	56	253.8	97	40.1
9 - 10	185	205	189	195	160	191	96	186.8	143.5	39.5
10 - 11	149	162	155	177	134	220	184	155.4	202	40.2
11 - 12	139	187	175	150	154	207	194	161	200.5	40.9
12 - 13	128	138	147	147	162	217	192	144.4	204.5	42.2
13 - 14	140	160	154	167	170	169	207	158.2	188	41
14 - 15	145	148	161	136	165	157	162	151	159.5	42.2
15 - 16	246	221	213	238	227	122	131	229	126.5	39.8
16 - 17	172	175	186	175	200	136	121	181.6	128.5	40.7
17 - 18	143	185	182	186	182	127	110	175.6	118.5	39.9
18 - 19	145	185	166	205	177	108	90	175.6	99	39
19 - 20	100	146	133	158	142	98	64	135.8	81	40
20 - 21	74	99	94	85	85	83	52	87.4	67.5	41.6
21 - 22	49	56	50	52	67	51	33	54.8	42	42.7
22 - 23	29	26	38	46	35	46	21	34.8	33.5	41.7
23 - 24	6	14	9	11	28	36	13	13.6	24.5	45.2
Totals	2625	2865	2806	2864	2798	2265	1827			
% of Total	14.50%	15.90%	15.50%	15.90%	15.50%	12.50%	10.10%			

Raunds Road - Vehicle counts 15/02/16 to 21/02/16

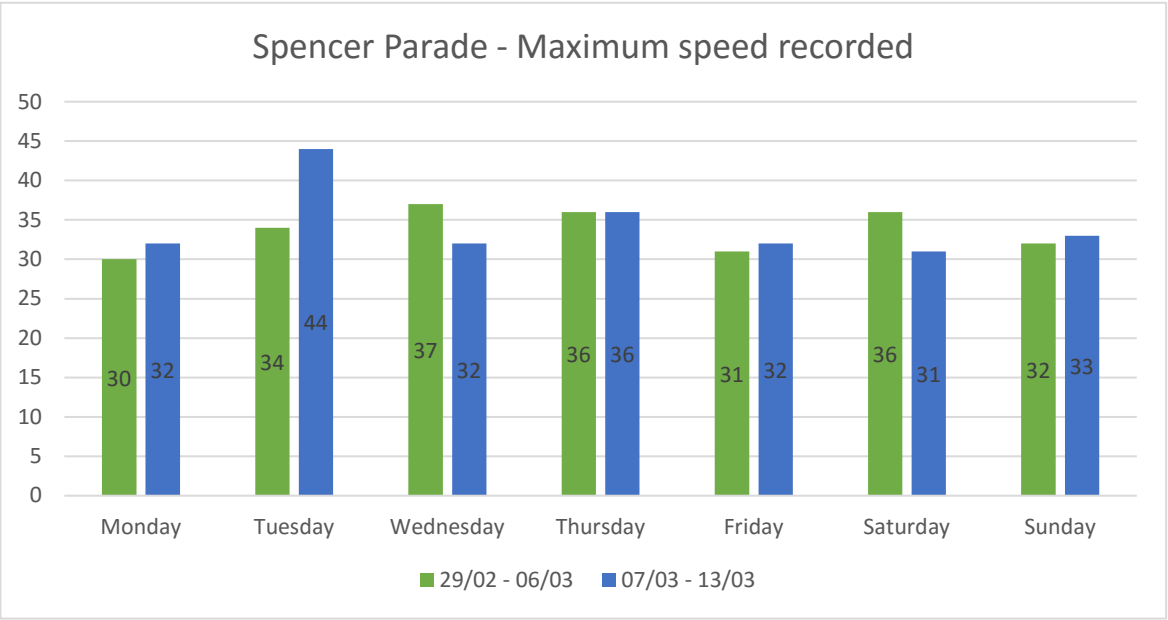
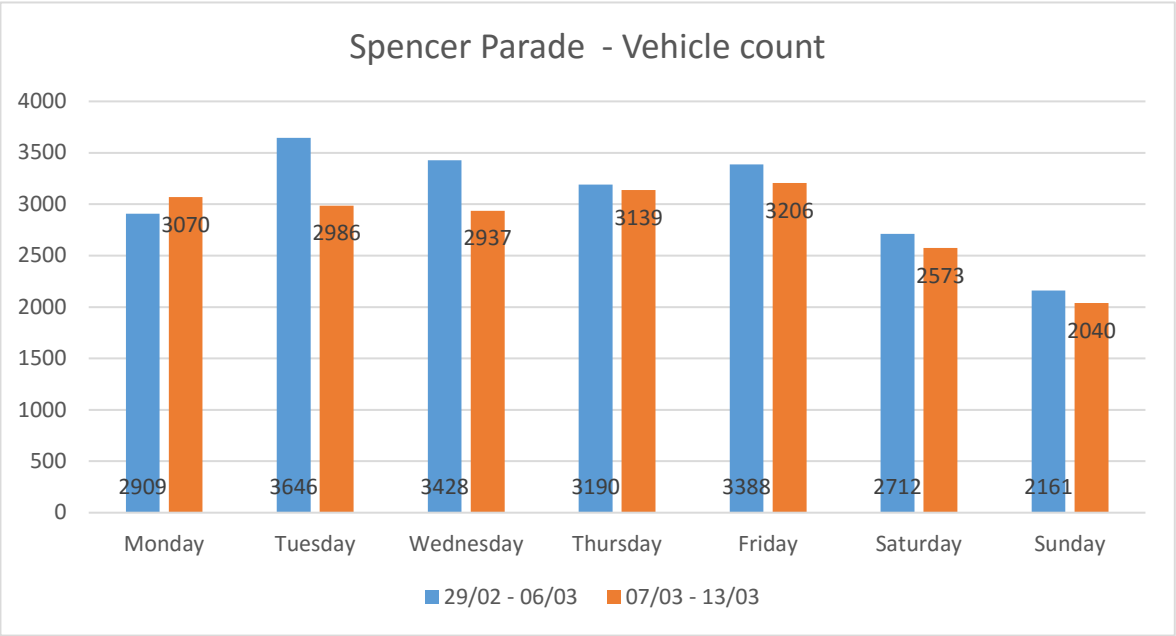
Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day	Weekend	Week Day
								Avg	Avg	85% Avg
0 - 1	2	4	3	5	6	6	14	4	10	42.5
1 - 2	2	0	3	1	3	6	7	1.8	6.5	38.8
2 - 3	2	1	2	2	2	4	4	1.8	4	50
3 - 4	5	7	8	7	6	5	6	6.6	5.5	48
4 - 5	11	14	15	19	15	17	4	14.8	10.5	49.7
5 - 6	45	48	42	47	53	26	12	47	19	48.3
6 - 7	114	143	153	130	132	45	33	134.4	39	43.5
7 - 8	208	239	226	215	192	62	36	216	49	42.9
8 - 9	188	180	222	190	177	149	66	191.4	107.5	41.8
9 - 10	188	206	164	202	215	175	100	195	137.5	40.1
10 - 11	167	167	192	164	173	225	178	172.6	201.5	40.1
11 - 12	155	183	145	152	167	209	218	160.4	213.5	41.9
12 - 13	152	167	142	147	191	187	185	159.8	186	40.2
13 - 14	140	201	164	154	203	172	168	172.4	170	39.6
14 - 15	143	158	163	175	172	166	149	162.2	157.5	41.6
15 - 16	152	164	159	173	173	148	137	164.2	142.5	40.6
16 - 17	159	147	146	178	169	122	93	159.8	107.5	40.5
17 - 18	166	200	140	169	195	163	97	174	130	40.3
18 - 19	125	145	134	156	186	129	91	149.2	110	39.6
19 - 20	112	132	99	149	129	97	65	124.2	81	40.6
20 - 21	69	70	67	87	73	81	57	73.2	69	42.7
21 - 22	63	64	36	69	44	58	32	55.2	45	41.8
22 - 23	39	42	36	41	47	44	14	41	29	43.4
23 - 24	20	21	17	23	24	33	5	21	19	44.5
Totals	2427	2703	2478	2655	2747	2329	1771			
% of Total	14.20%	15.80%	14.50%	15.50%	16.10%	13.60%	10.40%			

Raunds Road: average recorded speeds 8/02/16 to 14/02/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	08/02/2016	09/02/2016	10/02/2016	11/02/2016	12/02/2016	13/02/2016	14/02/2016			
0 - 1	28.7	34.5	19.5	30.4	34	30.8	34.3	29.4	32.6	40.5
1 - 2	37	39.5	30.8	37	33.7	40.1	35.5	35.6	37.8	45
2 - 3	39	45	39.5	48	0	39.5	33.4	34.3	36.5	53.8
3 - 4	38.4	37	43.4	38.8	35.8	41	37	38.7	39	47.7
4 - 5	39.1	38.2	39.4	36.7	35.8	37.2	33.7	37.8	35.5	49.8
5 - 6	39.5	38.9	35.9	37.9	41.1	39.1	41.5	38.7	40.3	49.1
6 - 7	34.3	35.2	35.2	34.8	35.5	38	38.2	35	38.1	43.1
7 - 8	33.1	32.6	33.8	33.1	33.8	36.1	35.9	33.3	36	40.9
8 - 9	32.1	32.1	31.8	32.7	33.2	34.6	33.2	32.4	33.9	40.1
9 - 10	32.9	32	32.5	31.7	32	32.7	32.2	32.2	32.5	39.5
10 - 11	32.8	31.8	32.6	32.3	33.3	32	31.8	32.6	31.9	40.2
11 - 12	33	32.6	31.6	34.1	33.7	33.2	33.2	33	33.2	40.9
12 - 13	33.6	34.4	33.5	33.9	32.5	33	34.6	33.6	33.8	42.2
13 - 14	34	34.4	33.2	32.9	32.7	33.3	33.6	33.4	33.5	41
14 - 15	33	33.6	33.6	33.8	33.8	32.8	34.5	33.6	33.7	42.2
15 - 16	32.6	31.6	31.9	31.8	31.2	35.6	33.8	31.8	34.7	39.8
16 - 17	30.5	31.4	32.8	30.8	33.6	34.6	31.3	31.8	33	40.7
17 - 18	32.5	31	31.2	32.1	32	34.5	33.1	31.8	33.8	39.9
18 - 19	31.4	30.7	30.2	32.1	30.9	31.9	33.8	31.1	32.9	39
19 - 20	32.5	31.2	33.2	31.9	32	36	33.6	32.2	34.8	40
20 - 21	33.2	32.4	33.9	33.6	34.6	31.8	34.4	33.5	33.1	41.6
21 - 22	32.3	35.5	34.7	35.5	32.6	35.8	32.8	34.1	34.3	42.7
22 - 23	36.3	36.8	33.6	32.9	32.9	36	35	34.5	35.5	41.7
23 - 24	39.5	31.8	37.6	37.5	34.3	34.3	36.2	36.1	35.3	45.2

Raunds Road: average recorded speeds 15/02/16 to 21/02/16

[illegible]



Spencer Parade: Vehicle counts 29/02/16 to 06/03/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	29/02/2016	01/03/2016	02/03/2016	03/03/2016	04/03/2016	05/03/2016	06/03/2016			
0 - 1	7	25	29	8	9	18	23	15.6	20.5	36.6
1 - 2	1	2	132	4	2	8	16	28.2	12	27.9
2 - 3	0	5	6	4	3	10	12	3.6	11	32.8
3 - 4	1	2	1	2	4	3	4	2	3.5	36.5
4 - 5	9	6	5	6	8	4	6	6.8	5	36.2
5 - 6	14	15	16	19	16	15	5	16	10	35.8
6 - 7	40	131	48	36	42	18	12	59.4	15	31
7 - 8	81	278	110	117	106	51	18	138.4	34.5	28.6
8 - 9	169	242	146	147	161	100	49	173	74.5	28.5
9 - 10	120	186	130	146	177	138	71	151.8	104.5	28.5
10 - 11	138	358	172	178	161	169	142	201.4	155.5	28.4
11 - 12	157	172	258	180	200	232	216	193.4	224	28.5
12 - 13	173	184	218	189	235	226	233	199.8	229.5	29.2
13 - 14	171	183	176	212	243	230	221	197	225.5	29.2
14 - 15	200	188	173	223	247	176	199	206.2	187.5	30.6
15 - 16	250	241	274	252	302	191	165	263.8	178	29.7
16 - 17	285	345	290	285	292	250	227	299.4	238.5	30.2
17 - 18	364	320	313	362	332	257	141	338.2	199	29.8
18 - 19	287	293	359	287	343	176	101	313.8	138.5	29.3
19 - 20	176	176	214	204	192	148	119	192.4	133.5	30.5
20 - 21	96	117	113	129	104	88	73	111.8	80.5	32.8
21 - 22	87	93	92	105	99	83	61	95.2	72	32.5
22 - 23	49	59	124	74	67	68	31	74.6	49.5	33.3
23 - 24	34	25	29	21	43	53	16	30.4	34.5	35.8
Totals	2909	3646	3428	3190	3388	2712	2161			
% of Total	13.60%	17%	16%	14.90%	15.80%	12.70%	10.10%			

Spencer Parade: Vehicle counts 07/03/16 to 13/03/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	07/03/2016	08/03/2016	09/03/2016	10/03/2016	11/03/2016	12/03/2016	13/03/2016			
0 - 1	8	2	7	10	17	34	24	8.8	29	40.5
1 - 2	0	4	2	5	7	9	12	3.6	10.5	34.1
2 - 3	0	6	2	2	3	5	11	2.6	8	33.8
3 - 4	1	2	2	0	3	5	11	1.6	8	31.3
4 - 5	7	7	5	4	5	7	3	5.6	5	36.5
5 - 6	25	20	9	16	20	14	6	18	10	32.9
6 - 7	40	42	40	42	37	22	12	40.2	17	32.4
7 - 8	107	105	101	98	119	51	20	106	35.5	28.6
8 - 9	167	146	158	159	157	79	44	157.4	61.5	27.9
9 - 10	161	138	149	122	178	112	68	149.6	90	28.1
10 - 11	158	130	146	144	161	172	113	147.8	142.5	28.4
11 - 12	165	158	155	165	161	198	172	160.8	185	29
12 - 13	164	209	202	191	218	204	196	196.8	200	29.3
13 - 14	182	201	164	199	204	228	224	190	226	29.6
14 - 15	229	223	179	214	237	193	200	216.4	196.5	29.7
15 - 16	265	223	235	290	261	195	219	254.8	207	29.3
16 - 17	298	284	272	309	301	236	193	292.8	214.5	29.8
17 - 18	329	351	346	361	306	218	152	338.6	185	29.9
18 - 19	321	279	270	273	295	201	112	287.6	156.5	29.6
19 - 20	176	188	201	195	218	141	84	195.6	112.5	30.3
20 - 21	110	104	102	144	110	79	84	114	81.5	32.6
21 - 22	78	74	97	100	66	74	38	83	56	33
22 - 23	57	69	62	68	69	59	30	65	44.5	34.9
23 - 24	22	21	31	28	53	37	12	31	24.5	36.5
Totals	3070	2986	2937	3139	3206	2573	2040			
% of Total	15.40%	15%	14.70%	15.70%	16.10%	12.90%	10.20%			

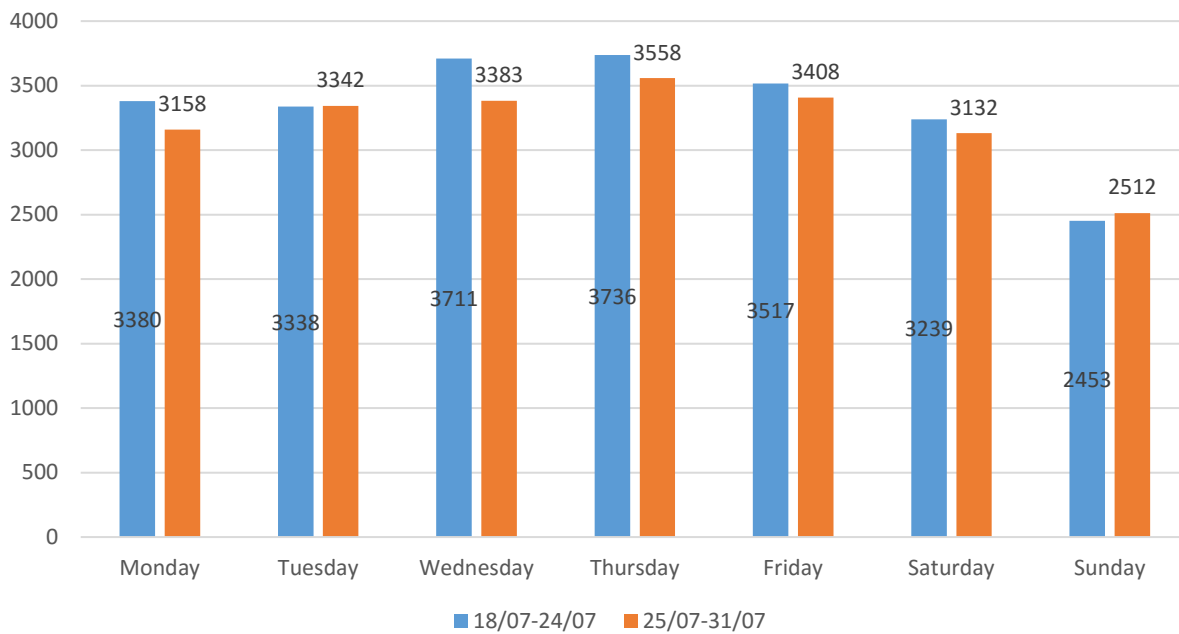
Spencer Parade : average recorded speeds 29/02/16 to 06/03/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	29/02/2016	01/03/2016	02/03/2016	03/03/2016	04/03/2016	05/03/2016	06/03/2016			
0 - 1	29.9	14.6	13.1	34.5	30.9	33	28.7	24.6	30.9	36.6
1 - 2	27	29.5	8.4	32	27	30.3	30.3	24.8	30.3	27.9
2 - 3	0	31	28.7	27	25.3	36	30.5	22.4	33.3	32.8
3 - 4	27	34.5	37	34.5	28.3	33.7	28.3	32.3	31	36.5
4 - 5	28.9	32.8	30	36.5	31	34.5	28.8	31.8	31.7	36.2
5 - 6	27.6	30	27.7	29.6	28.1	25.8	29	28.6	27.4	35.8
6 - 7	26.7	14.5	25.7	26.3	26.8	30.6	32.2	24	31.4	31
7 - 8	23.7	12.6	24.2	23.6	22.8	24.1	30.8	21.4	27.5	28.6
8 - 9	24	15.9	23.5	23.8	23	23.5	25.7	22	24.6	28.5
9 - 10	25	19	23.1	22.9	22.7	22.6	27.9	22.5	25.3	28.5
10 - 11	24.4	12.5	23.4	24.5	21.2	22.4	25.4	21.2	23.9	28.4
11 - 12	25.4	23.9	19	23.8	20.6	22.5	24.6	22.5	23.6	28.5
12 - 13	26.3	25	20.3	25	22.6	22.7	24.2	23.8	23.5	29.2
13 - 14	26.2	23.4	24.8	24.9	22.1	22.7	24.3	24.3	23.5	29.2
14 - 15	27.9	25	26	24.7	22.9	24.8	25.8	25.3	25.3	30.6
15 - 16	27.1	26.3	24.5	24.4	21.8	25.5	25.4	24.8	25.5	29.7
16 - 17	27.4	25.6	26.8	25.5	24.7	21.6	25.7	26	23.7	30.2
17 - 18	26.5	25.4	25.7	26.4	25.7	24.4	25.8	25.9	25.1	29.8
18 - 19	26.8	24.8	21.5	25.5	22.6	24.9	27.3	24.2	26.1	29.3
19 - 20	26.9	26	22.2	25.8	24.1	25.8	25.9	25	25.9	30.5
20 - 21	28.2	28	27.9	27	26.4	27.5	28.9	27.5	28.2	32.8
21 - 22	28	26.3	28	27.2	26.5	28.4	29.2	27.2	28.8	32.5
22 - 23	30.3	29.8	17.6	27.6	28.1	28.5	26.9	26.7	27.7	33.3
23 - 24	19.8	31	27.6	29	29.4	28.3	32.8	27.4	30.6	35.8

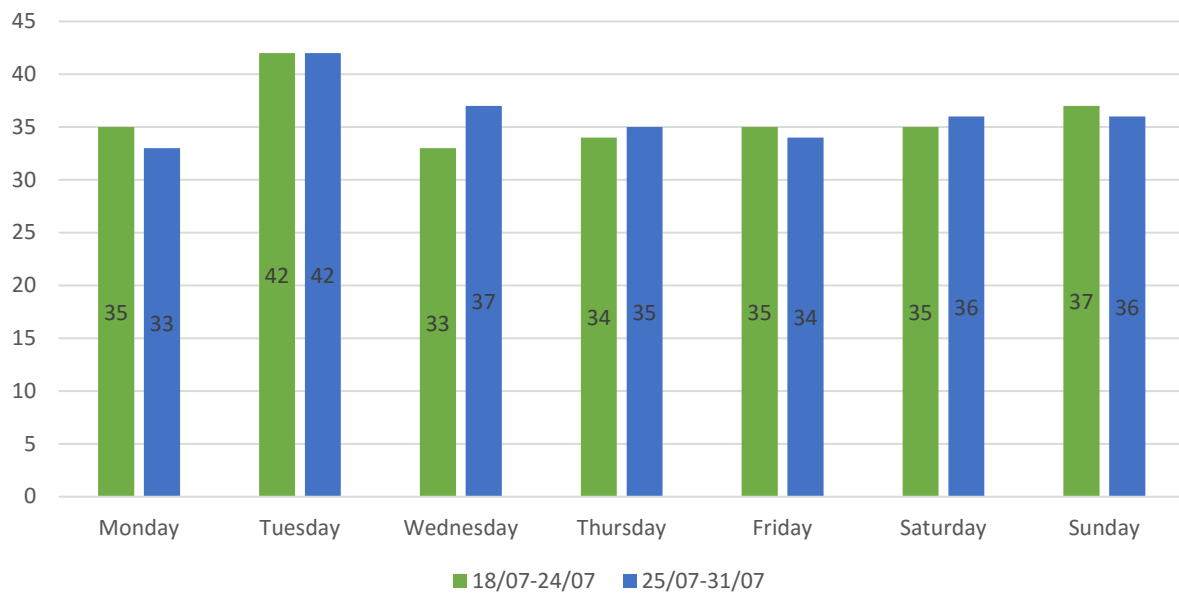
Spencer Parade : average recorded speeds 07/03/16 to 13/03/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	07/03/2016	08/03/2016	09/03/2016	10/03/2016	11/03/2016	12/03/2016	13/03/2016			
0 - 1	32	44.5	32	31.5	29.9	29.8	31.4	34	30.6	40.5
1 - 2	0	29.5	29.5	30.2	30.7	29.9	33.5	24	31.7	34.1
2 - 3	0	29	27	29.5	32	29.2	32.2	23.5	30.7	33.8
3 - 4	22	32.5	29.5	0	25.3	31.2	26.3	21.9	28.8	31.3
4 - 5	29.1	30	32	36	28	30	27	31	28.5	36.5
5 - 6	27.4	29	27.7	27.9	26.5	28.2	27.8	27.7	28	32.9
6 - 7	26.9	27.6	26.4	26.1	25.5	30	27.5	26.5	28.8	32.4
7 - 8	23.6	24.3	22.7	23.8	19.6	24.5	26.2	22.8	25.4	28.6
8 - 9	22.9	23.8	22.7	22.4	20.2	23.6	27.3	22.4	25.5	27.9
9 - 10	22.8	23.6	22.6	23.8	21	22.9	26.2	22.8	24.6	28.1
10 - 11	21.7	24	23.5	24.3	21.1	20.4	25.4	22.9	22.9	28.4
11 - 12	24.7	24.2	24.2	23.6	22.9	23.6	25.8	23.9	24.7	29
12 - 13	25.7	23.2	24.9	24.1	23.1	24.8	26.8	24.2	25.8	29.3
13 - 14	24.9	23.8	24.6	24.4	24.6	24.9	24.8	24.5	24.9	29.6
14 - 15	24.7	25.1	26.2	25.4	24.3	26.6	25.6	25.1	26.1	29.7
15 - 16	24.2	25.6	25.5	24.6	22.3	26.1	26.2	24.4	26.2	29.3
16 - 17	25.5	25.5	26.2	25.7	25	25.5	26.7	25.6	26.1	29.8
17 - 18	25.8	26.4	25.1	26.6	25.8	27.3	27.5	25.9	27.4	29.9
18 - 19	25.8	24.9	25.1	25.2	25.3	26.3	27.4	25.3	26.9	29.6
19 - 20	25.8	25	26.6	25.8	25.7	27.7	27.7	25.8	27.7	30.3
20 - 21	28.7	27.2	27.6	26.9	27.6	28.6	27.2	27.6	27.9	32.6
21 - 22	28.7	27.6	27.8	28.4	27.3	28.7	29.4	28	29.1	33
22 - 23	29.4	28.7	29.8	28.6	30.6	29.2	29.5	29.4	29.4	34.9
23 - 24	28.1	32.7	31	29.5	29.5	28.5	30.5	30.2	29.5	36.5

West Street - Vehicle counts



West Street - Maximum Speed Recorded



West St : Vehicle counts 18/07/16 to 24/07/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day	Weekend	Week Day
	18/07/2016	19/07/2016	20/07/2016	21/07/2016	22/07/2016	23/07/2016	24/07/2016	Avg	Avg	85% Avg
0 - 1	12	12	9	29	19	23	35	16.2	29	40.7
1 - 2	5	6	6	7	3	13	25	5.4	19	40.5
2 - 3	3	5	4	8	4	12	12	4.8	12	37.3
3 - 4	4	3	3	3	3	7	9	3.2	8	42.5
4 - 5	5	8	6	7	7	8	3	6.6	5.5	39
5 - 6	17	24	27	25	22	17	13	23	15	38.5
6 - 7	31	35	38	31	30	24	15	33	19.5	37.6
7 - 8	92	108	112	82	103	64	33	99.4	48.5	36.9
8 - 9	155	159	136	100	93	90	52	128.6	71	34.7
9 - 10	157	116	149	180	102	156	66	140.8	111	33.3
10 - 11	162	171	162	155	190	231	154	168	192.5	33.6
11 - 12	195	208	185	216	177	296	188	196.2	242	33
12 - 13	222	187	250	248	248	299	236	231	267.5	33.1
13 - 14	189	213	252	222	248	254	255	224.8	254.5	33.3
14 - 15	203	227	248	318	244	244	216	248	230	33.5
15 - 16	281	240	277	326	307	276	224	286.2	250	33.5
16 - 17	312	341	354	367	358	259	205	346.4	232	33.5
17 - 18	399	367	454	378	403	247	202	400.2	224.5	33.5
18 - 19	339	331	342	346	290	225	161	329.6	193	34.3
19 - 20	219	211	198	216	219	170	139	212.6	154.5	34.9
20 - 21	137	132	205	184	160	106	84	163.6	95	34.5
21 - 22	122	120	154	143	123	91	69	132.4	80	34.1
22 - 23	75	85	90	103	99	75	44	90.4	59.5	34.8
23 - 24	44	29	50	42	65	52	13	46	32.5	37.4
Totals	3380	3338	3711	3736	3517	3239	2453			

West St : Vehicle counts 25/07/16 to 31/07/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day	Weekend	Week Day
	18/07/2016	19/07/2016	20/07/2016	21/07/2016	22/07/2016	23/07/2016	24/07/2016	Avg	Avg	85% Avg
0 - 1	9	15	14	19	16	31	40	14.6	35.5	40.6
1 - 2	4	2	4	10	9	16	17	5.8	16.5	37.2
2 - 3	3	1	1	3	6	8	8	2.8	8	37
3 - 4	2	3	19	5	5	9	5	6.8	7	31.9
4 - 5	9	8	9	6	5	7	3	7.4	5	38
5 - 6	21	16	19	17	20	20	13	18.6	16.5	38.9
6 - 7	37	33	70	31	39	37	9	42	23	36.3
7 - 8	70	79	80	91	93	65	36	82.6	50.5	36.6
8 - 9	103	131	111	104	120	91	46	113.8	68.5	35.1
9 - 10	136	133	153	151	177	161	95	150	128	33.2
10 - 11	150	163	152	202	183	203	158	170	180.5	33.6
11 - 12	160	176	190	184	200	254	210	182	232	33.2
12 - 13	187	229	187	221	208	268	247	206.4	257.5	33.4
13 - 14	208	247	213	267	250	232	235	237	233.5	33.2
14 - 15	208	227	232	237	192	224	210	219.2	217	33.8
15 - 16	248	265	296	286	309	248	242	280.8	245	34
16 - 17	346	318	282	308	298	267	235	310.4	251	34.1
17 - 18	371	380	382	408	329	216	162	374	189	33.7
18 - 19	311	314	335	331	332	233	144	324.6	188.5	34.3
19 - 20	211	213	222	249	193	172	139	217.6	155.5	34.6
20 - 21	152	137	171	144	163	108	108	153.4	108	34.3
21 - 22	114	126	126	148	127	97	87	128.2	92	34.4
22 - 23	66	84	78	86	84	102	44	79.6	73	35.7
23 - 24	32	42	37	50	50	63	19	42.2	41	35.9
Totals	3158	3342	3383	3558	3408	3132	2512			

West St : average recorded speeds 18/07/16 to 24/07/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	18/07/2016	19/07/2016	20/07/2016	21/07/2016	22/07/2016	23/07/2016	24/07/2016			
0 - 1	31.3	35	33.2	29.1	29.8	33.5	29.3	31.7	31.4	40.7
1 - 2	29	37	32.8	33.4	30.3	35.2	31.7	32.5	33.5	40.5
2 - 3	35.3	30.2	32	30.1	32	31.7	27.6	31.9	29.7	37.3
3 - 4	28.5	42	32	33.7	35.3	32.7	31.4	34.3	32.1	42.5
4 - 5	33	29	31.3	33.4	31.4	30.9	37	31.6	34	39
5 - 6	31.3	31.6	33.4	32	31.7	32.6	30.6	32	31.6	38.5
6 - 7	30.3	31.5	31.4	32.8	31.7	31.7	26.5	31.5	29.1	37.6
7 - 8	30.6	28.7	30.8	30.8	29.9	28.8	28.8	30.2	28.8	36.9
8 - 9	28.3	28.8	29.4	29	24.2	28.2	28.8	27.9	28.5	34.7
9 - 10	28.6	29.4	28.7	28.3	23.6	27.6	26.8	27.7	27.2	33.3
10 - 11	27.7	28.6	28.4	28	28.5	28.2	27.4	28.2	27.8	33.6
11 - 12	26.4	28.2	28.3	27.4	27.9	26.6	27.4	27.6	27	33
12 - 13	28.3	28.1	25.5	25.2	27.9	27.1	27.7	27	27.4	33.1
13 - 14	28.2	28	26.3	25.7	28	27.6	27.3	27.2	27.5	33.3
14 - 15	29.6	27.9	28.5	25	28.6	27.8	27.3	27.9	27.6	33.5
15 - 16	28	28.3	29.1	26.1	27.9	27	28.5	27.9	27.8	33.5
16 - 17	27.2	28.3	28.2	27.3	27.9	26	28.9	27.8	27.5	33.5
17 - 18	27.9	29.2	24	27.1	28.8	26.5	29.5	27.4	28	33.5
18 - 19	28.6	28.4	28.9	28.3	28.8	28.7	29.5	28.6	29.1	34.3
19 - 20	28.5	28.6	30.2	29.3	30.2	28.1	29.6	29.4	28.9	34.9
20 - 21	30.4	28.9	29.2	29.5	28.8	29.4	29.3	29.4	29.4	34.5
21 - 22	29.2	29.3	28.4	28.9	27.4	29.4	29.6	28.6	29.5	34.1
22 - 23	30.1	29.2	30.1	29.2	27.5	29.9	31.9	29.2	30.9	34.8
23 - 24	31.9	32.8	29.4	30.5	30.2	28.9	26.7	31	27.8	37.4

West St : average recorded speeds 25/07/16 to 31/07/16

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
	25/07/2016	26/07/2016	27/07/2016	28/07/2016	29/07/2016	30/07/2016	31/07/2016			
0 - 1	32.7	31.1	31	33.7	31.9	31.4	32	32.1	31.7	40.6
1 - 2	30.8	29.5	37	32.2	32.1	31.3	32.4	32.3	31.9	37.2
2 - 3	23.7	42	32	28.7	29.7	26.4	30.8	31.2	28.6	37
3 - 4	29.5	28.7	10.1	35	34	33.1	34	27.5	33.6	31.9
4 - 5	32.1	33.3	24.2	28.7	30	36.4	25.3	29.7	30.9	38
5 - 6	32.9	32.8	26.3	33.6	32	30.6	32.1	31.5	31.4	38.9
6 - 7	28.6	31.8	16.9	33	29.2	32.2	36	27.9	34.1	36.3
7 - 8	30.5	30.2	28.6	31.2	29.2	30.6	30.9	29.9	30.8	36.6
8 - 9	29.3	28.6	29.3	30.1	27.7	26.9	31.7	29	29.3	35.1
9 - 10	27.9	27.5	29	26.2	27.5	27.9	27.7	27.6	27.8	33.2
10 - 11	28.9	27.6	28.1	28	27.2	26.8	28.1	28	27.5	33.6
11 - 12	27.3	26.8	29.1	27.2	27.3	27.2	27.2	27.5	27.2	33.2
12 - 13	28.3	26.7	28.9	29.2	27.4	26.8	28.1	28.1	27.5	33.4
13 - 14	27.8	25.8	28.9	24	27.8	28.8	28.8	26.9	28.8	33.2
14 - 15	28.9	27.6	28.9	28.6	29.3	28.5	28.9	28.7	28.7	33.8
15 - 16	29	28.5	28.7	29.5	27.7	28.6	28.5	28.7	28.6	34
16 - 17	29.3	27.8	29	28.9	27.4	28	29.4	28.5	28.7	34.1
17 - 18	28.4	27.9	28.3	28.3	27.7	28	28.9	28.1	28.5	33.7
18 - 19	28.9	28.9	28.4	28.7	29.5	28.6	29.2	28.9	28.9	34.3
19 - 20	29	29	29.4	27.9	30.2	28.7	30.8	29.1	29.8	34.6
20 - 21	28.5	28.4	28.6	29.5	28.4	29.8	28.3	28.7	29.1	34.3
21 - 22	29.2	27.9	29.2	27.1	29	28.4	30.3	28.5	29.4	34.4
22 - 23	29.9	29.1	30.2	29.1	30.1	27.9	31.2	29.7	29.6	35.7
23 - 24	29.6	28.6	32.6	29.6	29.7	29	31.3	30	30.2	35.9