

# Annex D

## Westminster Road / The Avenue Speed Surveys

### Speed Surveys (mph)

	The Avenue (with humps) w/c 19/1/09	Westminster Road (without humps) w/c 15/6/09	Diff.
<b>To Water End</b>			
Average Speed	17	25	8
85 <sup>th</sup> Percentile Speed	20	30	10
<b>From Water End</b>			
Average Speed	17	25	8
85 <sup>th</sup> Percentile Speed	20	31	11

Note: Survey taken on The Avenue was before the Water End scheme was implemented and the survey on Westminster Road are after the schemes implementation and the removal of the road humps.

### 24 Hour Traffic Flow (taken from the speed survey information)

	The Avenue (w/c 19/1/09)	Westminster Rd (w/c 15/6/09)	Diff +/-	% Diff +/-
<b>To Water End</b>				
AM	96	164	68	70
PM	62	107	45	72
Weekday Av	444	779	335	75
<b>From Water End</b>				
AM	38	93	55	145
PM	138	190	52	38
Weekday Av	456	995	539	118
<b>Combined</b>				
AM	134	257	123	92
PM	200	297	97	49
Weekday Av	900	1774	874	97

Note: These figure represent all traffic i.e. no allowance made for residential/ school related traffic or traffic that may have entered and left via the same street.

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## Origin & Destination Survey Analysis (7am-7pm)

### Comparison of total and through traffic entering/ exiting each junction

Junction	Direction	Total traffic	Through traffic	% through traffic
Westminster Road	To Water End	511	225	44
	From Water End	779	747	96
	Total	1290	972	75
The Avenue	To A19 Clifton	1052	744	70
	From A19 Clifton	593	225	38
	Total	1645	969	59
Greencliffe Drive	To Water End	48	12	20
	From Water End	59	10	21
	Total	107	22	21

### Through Traffic Movements - 7am to 7pm

From \ To	Westminster Road/ Water End	Greencliffe Drive/ Water End	The Avenue/ A19 Clifton
Westminster Road/ Water End	x	8	739
Greencliffe Drive/ Water End	5	x	5
The Avenue/ A19 Clifton	221	4	x

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## Origin & Destination Survey Analysis (continued)

### A.M. peak hour through traffic movements

From \ To	Westminster Road/ Water End	Greencliffe Drive/ Water End	The Avenue/ A19 Clifton
Westminster Road/ Water End	x	2	157
Greencliffe Drive/ Water End	1	x	0
The Avenue/ A19 Clifton	14	0	x

### P.M. peak hour through traffic movements

From \ To	Westminster Road/ Water End	Greencliffe Drive/ Water End	The Avenue/ A19 Clifton
Westminster Road/ Water End	x	1	60
Greencliffe Drive/ Water End	0	x	2
The Avenue/ A19 Clifton	80	1	x