

Traffic Growth

Chilmington Green, Kent

131065/N35

September 2017

Introduction

1. This note provides a summary of automatic traffic counts in relation to the proposed urban extension at Chilmington Green, Ashford, Kent.
2. The monitoring process will look to determine the level of traffic calming required and the impact on both local roads and the A28 associated with the development. The level of traffic passing through Great Chart and on Magpie Hall Road is to be monitored as the development progresses.
3. In addition to the monitoring of Great Chart and Magpie Hall Road, KCC also wish to see monitoring of the minor access road to the development including:
 - Ashford Road
 - Mock Lane
 - Criol Lane
 - Hornash Lane
 - Tally Ho Road
 - Betherseden Road
 - Pound Lane
 - Long Length
 - Coulter Road
4. Automatic Traffic Count (ATC) Data has been supplied to inform a comparison of vehicle movements along the above roads.
5. The ATC data obtained provides daily classified vehicle counts by direction between the 11th September and 17th September 2017. In order to undertake an assessment of this data, Average Annual Weekday Traffic (AAWT) and Average Annual Daily Traffic flows have been calculated for the AM peak (08:00-09:00) and PM peak (17:00-18:00) respectively.

Traffic Flow Comparison

6. **Table 1** below shows the average AM and PM peak flows over a 5 day period for each ATC location. AADT and AAWT are also presented in **Table 1**.

Table 1: AM and PM peak flows, AADT and AAWT flows for ATC locations

Link	Direction	AM Peak	PM Peak	AADT	AAWT
Ashford Road	North West	310	79	1055	871
	South	105	95	637	560
	Two-Way	415	163	1692	1431
Mock Lane	West	20	13	188	167
	East	12	25	180	163
	Two-Way	33	38	369	330
Coulter Road	West	121	195	1797	1733
	East	239	159	1808	1724
	Two-Way	360	354	3605	3457
Long Length	North	111	132	1118	1028
	South	136	90	1004	936
	Two-Way	247	221	2121	1964
Pound Lane	West	58	53	599	549
	East	38	42	423	375
	Two-Way	95	96	1022	924
Magpie Hall Road	West	281	295	3240	3148
	East	296	277	3160	3044
	Two-Way	577	572	6400	6192
Tally Ho Road	North	231	182	2281	2168
	South	186	252	2280	2158
	Two-Way	417	433	4561	4326
Hornash Lane	West	55	62	591	551
	East	53	48	539	494
	Two-Way	108	110	1131	1044
Criol Lane	North	29	24	303	296
	South	26	42	388	372
	Two-Way	55	65	691	668
Bethersden	East	34	18	235	217
	West	14	28	229	212
	Two-Way	48	46	463	430

Summary

7. This note provides a summary of the effort to monitor the impact of the traffic associated with the development on local roads and the A28. The ATC (Automatic Traffic Count) Data collected will look to inform the proposed traffic calming measures should they be required.
8. Further to this note, an update of traffic flows will be provided at each stage of the development.