

Bagham Junction Traffic Survey - conducted by CPC - 29Mar12 and 30Mar12

Comparison with 2007 Savell survey:

(Bagham Junction Traffic Analysis - Traffic Volumes (Savell 2007 vs CPC 2012) - 29Mar12 and 30Mar12)

- 1 0700-0800 - increase in Total Traffic of 5.1% on 29Mar and 3.0% on 30Mar
- 2 0800-0900 - increase in Total Traffic of 0.3% on 29Mar and 4.1% on 30Mar
- 3 1630-1730 - increase in Total Traffic by 4.5% on 29Mar and decrease by 16.4% on 30Mar
- 4 1730-1830 - decrease in Total Traffic by 12.0% on 29Mar and 16.4% on 30Mar
- 5 Reduced traffic after 1730 on Thursday 29Mar and on Friday 30Mar probably due to end of week / start of school holiday
- 6 Reduced traffic from Ashford (average over 2days is c25%)
- 7 Increased traffic from Challock (average over 2days is c35%)
- 8 Increased traffic from Canterbury (average over 2days is c2%)
- 9 Branch Road rat run used by 10 of traffic from Ashford on 29Mar
- 10 Bagham Lane rat run used by 6% of traffic from Ashford on 29Mar
- 11 Increased traffic from Challock and Canterbury probably contributed to larger queues on Ashford approach

Other Comments:

1 Branch Road turning:

On occasion vehicles turning into Branch Road needed to queue as vehicles attempted to exit Branch Road onto A28.

The queue backed onto A28 and caused vehicles approaching from Ashford to overtake the queue.

How will the new "Access Only" restriction be enforced ?

2 Bagham Lane:

Estd 90% of vehicles using this rat run turned right at A252 towards Canterbury

All buses not servicing Chilham used Bagham Lane on their way to Canterbury

2 Hackney cabs with school children did same on 30Mar12

Bagham Junction Traffic Analysis - Traffic Volumes (Savell 2007 vs CPC 2012) - 29Mar12

Time		BranchRd	Traffic from Ashford				MaxQ	Traffic from Challock		Traffic from C'bury		Total Traffic	
			A28	BagLane	A28	A252		A28	A28-Ash	A28-Cant	A252		A28-Ash
0700-0800	2007				13	397	5	41	223	158	392	1224	
	2012	46	408	41	352	11	341	25	38	295	195	411	1291
	%change				-15.4%	-14.1%				-7.3%	32.3%	23.4%	4.8%
0800-0900	2007				12	449	5	48	314	194	398	1415	
	2012	88	394	33	356	20	336	23	62	409	220	372	1419
	%change				66.7%	-25.2%				29.2%	30.3%	13.4%	-6.5%
1630-1730	2007				25	464	9	15	158	220	442	1324	
	2012	22	492	31	457	34	423	29	42	220	222	443	1384
	%change				36.0%	-8.8%				180.0%	39.2%	0.9%	0.2%
1730-1830	2007				11	577	9	20	97	194	427	1326	
	2012	18	349	12	334	23	311	19	18	207	212	396	1167
	%change				109.1%	-46.1%				-10.0%	113.4%	9.3%	-7.3%

Bagham Junction Traffic Analysis - Traffic Volumes (Savell 2007 vs CPC 2012) - 30Mar12

Time		BranchRd	Traffic from Ashford				MaxQ	Traffic from Challock		Traffic from C'bury		Total Traffic	
			A28	BagLane	A28	A252		A28	A28-Ash	A28-Cant	A252		A28-Ash
0700-0800	2007				13	397	5	41	223	158	392	1224	
	2012	35	355	15	357	10	347	7	41	241	177	445	1261
	%change				-23.1%	-12.6%				0.0%	8.1%	12.0%	13.5%
0800-0900	2007				12	449	5	48	314	194	398	1415	
	2012	70	377	23	366	8	358	15	62	341	264	440	1473
	%change				-33.3%	-20.3%				29.2%	8.6%	36.1%	10.6%
1630-1730	2007				25	464	9	15	158	220	442	1324	
	2012	11	376	14	368	39	329	14	30	211	229	376	1214
	%change				56.0%	-29.1%				100.0%	33.5%	4.1%	-14.9%
1730-1830	2007				11	577	9	20	97	194	427	1326	
	2012	19	353	12	344	28	316	18	30	205	186	344	1109
	%change				154.5%	-45.2%				50.0%	111.3%	-4.1%	-19.4%

Bagham Junction Traffic Analysis - Southern Approach (2001 to 2012)

Morning Peak Hours

		Jacobs Survey - 2001				2001	2007	Savell Report - 2007				
		07:30	08:00	08:30	Total	Ave/hr	Ave/hr	07:45	08:00	08:15	08:30	Total
A28 Southern Approach	to A28	170	179	134	483	322	472	130	106	111	125	472
	to A252	1	4	3	8	5	10	2	0	2	6	10
	Total	171	183	137	491	327	482	132	106	113	131	482

Afternoon Peak Hours

		Jacobs Survey - 2001				2001	2007	Savell Report - 2007				
		17:00	17:30	18:00	Total	Ave/hr	Ave/hr	17:00	17:15	17:30	17:45	Total
A28 Southern Approach	to A28	199	178	156	533	355	582	118	156	156	152	582
	to A252	21	18	15	54	36	16	3	7	5	1	16
	Total	220	196	171	587	391	598	121	163	161	153	598

% Increase 2001 to 2007 Morning 327 482 47.25% Max Queue 2007 = 5
 Evening 391 598 52.81% Max Queue 2007 = 9

Morning Peak Hours

		Savell Report - 2007					2007	2012	CPC - 2012 (29Mar12)				
		07:45	08:00	08:15	08:30	Total	Ave/hr	Ave/hr	07:45	08:00	08:15	08:30	Total
A28 Southern Approach	to A28	130	106	111	125	472	472	347	96	89	81	81	347
	to A252	2	0	2	6	10	10	18	2	3	4	9	18
	Total	132	106	113	131	482	482	365	98	92	85	90	365

Afternoon Peak Hours

		Savell Report - 2007					2007	2012	CPC - 2012 (30Mar12)				
		17:00	17:15	17:30	17:45	Total	Ave/hr	Ave/hr	17:00	17:15	17:30	17:45	Total
A28 Southern Approach	to A28	118	156	156	152	582	582	378	102	112	90	74	378
	to A252	3	7	5	1	16	16	30	12	6	6	6	30
	Total	121	163	161	153	598	598	408	114	118	96	80	408

% Increase 2007 to 2012 Morning 482 365 -24.27% Max Queue 2012 = 25
 Evening 598 408 -31.77% Max Queue 2012 = 29

Morning Peak Hours

		Savell Report - 2007					2007	2012	CPC - 2012 (30Mar12)				
		07:45	08:00	08:15	08:30	Total	Ave/hr	Ave/hr	07:45	08:00	08:15	08:30	Total
A28 Southern Approach	to A28	130	106	111	125	472	472	388	105	108	92	83	388
	to A252	2	0	2	6	10	10	7	1	0	2	4	7
	Total	132	106	113	131	482	482	395	106	108	94	87	395

Afternoon Peak Hours

		Savell Report - 2007					2007	2012	CPC - 2012 (30Mar12)				
		17:00	17:15	17:30	17:45	Total	Ave/hr	Ave/hr	17:00	17:15	17:30	17:45	Total
A28 Southern Approach	to A28	118	156	156	152	582	582	333	85	90	86	72	333
	to A252	3	7	5	1	16	16	36	13	7	7	9	36
	Total	121	163	161	153	598	598	369	98	97	93	81	369

% Increase 2007 to 2012 Morning 482 395 -18.05% Max Queue 2012 = 15
 Evening 598 369 -38.29% Max Queue 2012 = 18

BAGHAM JUNCTION SURVEY RESULTS FOR 29/03/2012

Time	Traffic from Ashford						Traffic from Challock		Traffic from C'bury		
	BranchRd	A28	BagLane	A28	A252	A28	MaxQ	A28-Ash	A28-Cant	A252	A28-Ash
0700-0715	0	81	4	78	5	73	14	6	48	41	81
0715-0730	2	101	3	92	2	90	7	7	50	40	108
0730-0745	14	119	6	84	2	82	15	8	77	64	112
0745-0800	30	107	28	98	2	96	25	17	120	50	110
0800-0815	30	97	7	92	3	89	14	19	101	60	103
0815-0830	27	104	11	85	4	81	22	18	110	66	117
0830-0845	24	98	12	90	9	81	23	13	115	58	92
0845-0900	7	95	3	89	4	85	12	12	83	36	60
1630-1645	6	121	6	123	6	117	20	5	57	49	111
1645-1700	8	122	8	102	10	92	27	10	56	54	91
1700-1715	6	126	7	114	12	102	15	9	45	60	137
1715-1730	2	123	10	118	6	112	29	18	62	59	104
1730-1745	3	103	9	96	6	90	19	3	52	52	126
1745-1800	7	90	2	80	6	74	10	4	52	50	107
1800-1815	6	81	1	78	3	75	10	3	53	51	86
1815-1830	2	75	0	80	8	72	9	8	50	59	77

BAGHAM JUNCTION SURVEY RESULTS FOR 30/03/2012

Time	Traffic from Ashford						Traffic from Challock		Traffic from C'bury		
	BranchRd	A28	BagLane	A28	A252	A28	MaxQ	A28-Ash	A28-Cant	A252	A28-Ash
0700-0715	3	69	3	65	6	59	5	5	38	32	95
0715-0730	0	73	4	88	2	86	5	10	42	23	100
0730-0745	10	109	6	98	1	97	6	17	73	65	100
0745-0800	22	104	2	106	1	105	7	9	88	57	150
0800-0815	34	122	7	108	0	108	8	15	83	55	106
0815-0830	17	99	15	94	2	92	15	20	115	72	102
0830-0845	16	81	1	87	4	83	5	15	68	62	110
0845-0900	3	75	0	77	2	75	3	12	75	75	122
1630-1645	3	102	5	95	9	86	14	15	53	74	90
1645-1700	6	76	2	78	10	68	11	3	52	53	96
1700-1715	0	99	3	98	13	85	6	6	47	47	90
1715-1730	2	99	4	97	7	90	14	6	59	55	100
1730-1745	12	105	10	93	7	86	18	8	62	44	96
1745-1800	1	79	1	81	9	72	5	8	55	53	85
1800-1815	4	89	0	90	9	81	14	7	45	50	87
1815-1830	2	80	1	80	3	77	10	7	43	39	76

BAGHAM JUNCTION SURVEY RESULTS FOR 2007

Time	Traffic from Ashford				MaxQ	Traffic from Challock		Traffic from C'bury			
	BranchRd	A28	BagLane	A28		A252	A28	A28-Ash	A28-Cant	A252	A28-Ash
0700-0715				2	67			8	25	39	77
0715-0730				4	70			9	29	34	77
0730-0745				5	130			10	64	27	97
0745-0800				2	130			14	105	58	141
0800-0815				0	106			16	88	50	135
0815-0830				2	111			9	109	35	89
0830-0845				6	125			10	66	64	100
0845-0900				4	107			13	51	45	74
1630-1645				7	100			4	35	40	78
1645-1700				8	90			2	41	64	119
1700-1715				3	118			4	46	69	112
1715-1730				7	156			5	36	47	133
1730-1745				5	156			3	24	54	114
1745-1800				1	152			5	26	54	118
1800-1815				3	157			8	25	46	96
1815-1830				2	112			4	22	40	99