

February 2023

London Luton Airport Expansion

Planning Inspectorate Scheme Ref: TR020001

Volume 5 Environmental Statement and Related Documents
**5.02 Appendix 18.2 Selected Traffic Flow Modelling
Results**

Application Document Ref: TR020001/APP/5.02
APFP Regulation: 5(2)(a)

The Planning Act 2008

**The Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009**

**London Luton Airport Expansion Development Consent
Order 202x**

**5.02 ENVIRONMENTAL STATEMENT APPENDIX 18.2 SELECTED
TRAFFIC FLOW MODELLING RESULTS**

Regulation number:	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference:	TR020001
Document Reference:	TR020001/APP/5.02
Author:	Luton Rising

Version	Date	Status of Version
Issue 01	February 2023	Application issue

Contents

Page

1	Selected Link Flow Data	1
----------	--------------------------------	----------

Tables

Table 1.1: Selected Annual Average Daily Traffic (AADT) flows

Table 1.2: Selected AM peak flows

Table 1.3: Selected PM peak flows

Table 1.4: Flow changes on the selected links

1 SELECTED LINK FLOW DATA

- 1.1.1 This appendix comprises **Table 1.1**, **Table 1.2**, and **Table 1.3** which provide information on the link flows taken from the CBLTM-LTN for the years 2016, 2027, 2039, and 2043 that represent the base year and scenario testing years. **Table 1.4** summarises the flow increases in the three assessment years.
- 1.1.2 In the table heading the letters 'DM' and 'DS' represent 'Do-Minimum' and 'Do-Something' which are respectively 'Without Development' and 'With Development'.

Table 1.1: Selected Annual Average Daily Traffic (AADT) flows

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Access route to and from the M1													
A1081 New Airport Way between AAR and Percival Way	22,196	27,741	26,959	-781	-2.8%	28,107	17,107	-11,000	-39.1%	28,793	16,693	-12,100	-42.0%
A1081 New Airport Way between A505 Airport Way and Percival Way	22,196	27,741	26,959	-781	-2.8%	28,107	31,127	3,020	10.7%	28,793	35,897	7,104	24.7%
A1081 New Airport Way between A505 Airport Way and link to Lower Harpenden Road	42,441	48,863	51,952	3,089	6.3%	52,187	58,796	6,610	12.7%	53,306	64,057	10,751	20.2%
Link Road between A1081 to B653	9,983	11,451	13,068	1,617	14.1%	12,228	15,504	3,276	26.8%	12,897	15,477	2,580	20.0%
A1081 New Airport Way between Capability Green Estate and B653	47,395	56,165	59,175	3,011	5.4%	59,937	67,156	7,219	12.0%	61,470	71,702	10,232	16.6%
Slip road to Capability Green Estate from A1081 New Airport Way WB	3,625	4,104	4,038	-66	-1.6%	4,322	4,228	-93	-2.2%	4,420	4,555	136	3.1%
Slip road from Capability Green Estate to A1081 New Airport Way EB	4,210	4,560	4,635	75	1.6%	4,491	4,765	274	6.1%	4,578	4,769	191	4.2%
A1081 New Airport Way between Capability Green Estate slip roads	39,560	47,501	50,502	3,001	6.3%	51,125	58,163	7,038	13.8%	52,474	62,378	9,904	18.9%
Slip road from Capability Green Estate to A1081 New Airport Way WB	4,691	5,458	5,383	-75	-1.4%	6,060	5,830	-230	-3.8%	6,246	6,290	44	0.7%
Slip road to Capability Green Estate from A1081 New Airport Way EB	5,406	6,079	6,119	40	0.7%	6,435	6,569	133	2.1%	6,547	6,659	112	1.7%
A1081 New Airport Way between A1081 London Road and Capability Green Estate	49,658	59,038	62,005	2,966	5.0%	63,620	70,561	6,941	10.9%	65,267	75,328	10,061	15.4%
Slip road to A1081 London Road from A1081 New Airport Way WB	5,558	6,870	6,950	80	1.2%	7,695	7,494	-201	-2.6%	7,369	7,828	458	6.2%
Slip road from A1081 London Road to A1081 New Airport Way EB	5,514	7,027	6,851	-177	-2.5%	7,639	7,315	-324	-4.2%	7,676	7,709	32	0.4%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A1081 New Airport Way between London Road slip roads	38,585	45,139	48,203	3,065	6.8%	48,284	55,753	7,469	15.5%	50,219	59,792	9,573	19.1%
Slip road from A1081 London Road to A1081 New Airport Way WB	5,705	7,957	7,654	-303	-3.8%	8,264	9,279	1,015	12.3%	9,965	9,603	-362	-3.6%
Slip road to A1081 London Road from A1081 New Airport Way EB	5,377	7,723	6,941	-782	-10.1%	8,640	7,572	-1,068	-12.4%	8,754	7,283	-1,471	-16.8%
A1081 New Airport Way between M1 Jct. 10 and A1081 London Road	49,667	60,820	62,798	1,978	3.3%	65,189	72,604	7,415	11.4%	68,941	76,678	7,737	11.2%
M1 Jct. 10 southbound on-slip road	16,413	18,140	18,599	459	2.5%	15,903	22,705	6,802	42.8%	21,521	24,016	2,495	11.6%
M1 Jct. 10 northbound off-slip road	14,020	15,729	16,374	645	4.1%	17,016	18,454	1,437	8.4%	17,111	19,449	2,339	13.7%
M1 Jct. 10 roundabout (west side)	23,352	28,782	29,741	959	3.3%	31,011	33,589	2,578	8.3%	31,947	35,978	4,031	12.6%
M1 Jct. 10 roundabout (northern overbridge)	14,021	15,708	16,377	669	4.3%	17,053	18,517	1,464	8.6%	17,134	19,524	2,390	13.9%
M1 Jct. 10 roundabout (southern overbridge)	9,332	13,054	13,366	312	2.4%	13,991	15,131	1,139	8.1%	14,834	16,523	1,689	11.4%
M1 between Jct. 9 and Jct. 10	139,690	163,118	163,390	272	0.2%	179,510	182,464	2,954	1.6%	184,731	187,830	3,099	1.7%
M1 between Jct. 8 and Jct. 9	144,866	166,338	166,785	447	0.3%	183,431	184,993	1,561	0.9%	187,898	190,439	2,541	1.4%
M1 Jct. 10 northbound on-slip road	9,331	13,075	13,365	290	2.2%	13,958	15,072	1,114	8.0%	14,813	16,454	1,641	11.1%
M1 Jct. 10 southbound off-slip road	9,890	13,917	14,456	539	3.9%	15,144	16,249	1,104	7.3%	15,448	16,612	1,163	7.5%
M1 between Jct. 10 and Jct. 11	128,479	156,106	156,101	-5	0.0%	172,495	172,631	136	0.1%	176,357	177,432	1,076	0.6%
M1 within Jct. 11	98,648	128,483	128,568	85	0.1%	143,298	143,643	345	0.2%	146,671	147,778	1,107	0.8%
M1 between Jct. 11 and Jct. 11A	111,262	144,204	144,480	276	0.2%	161,373	161,900	527	0.3%	165,243	166,633	1,390	0.8%
Access route to and from the A1(M)													
Airport Way between A505 Vauxhall Way and London Luton Roundabout	6,565	4,384	5,082	698	15.9%	4,223	8,541	4,318	102.2%	4,326	9,765	5,439	125.7%
A505 Vauxhall Way between Kimpton Road and Eaton Green Road	27,562	33,478	35,947	2,470	7.4%	38,451	40,614	2,163	5.6%	39,162	41,140	1,978	5.1%
A505 Vauxhall Way between Eaton Green Road and	25,463	28,930	31,383	2,452	8.5%	32,019	36,186	4,167	13.0%	32,554	37,093	4,539	13.9%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A505 Vauxhall Way between A5228 Hitchin Road and Crawley Green Road	19,513	21,987	22,523	536	2.4%	24,208	25,479	1,271	5.2%	25,007	26,173	1,166	4.7%
A505 Stopsley Way between Vauxhall Way and Hitchin Road	36,874	45,033	45,308	276	0.6%	48,082	49,559	1,477	3.1%	49,788	50,550	762	1.5%
A505 Stopsley Way between Hitchin Road and Ashcroft Road	32,716	36,349	36,375	26	0.1%	39,811	40,775	964	2.4%	41,013	41,364	351	0.9%
A505 Hitchin Road between Ashcroft Road and Lothair Road	27,476	31,113	31,178	65	0.2%	35,143	35,104	-39	-0.1%	36,135	36,025	-109	-0.3%
A505 Hitchin Road between Lothair Road and Butterfield Green Road	27,476	31,114	31,178	65	0.2%	35,143	35,104	-39	-0.1%	36,135	36,025	-110	-0.3%
A505 Hitchin Road between Butterfield Green Road and Mount Grace Road	25,893	29,475	29,551	76	0.3%	33,682	33,988	306	0.9%	34,836	35,025	189	0.5%
A505 Hitchin Road between Mount Grace Road and Great Marlings	23,530	27,023	27,099	75	0.3%	31,297	31,579	281	0.9%	32,457	32,615	158	0.5%
A505 Beech Hill between Great Marlings and Lilley Bottom	22,195	25,109	25,176	66	0.3%	28,982	29,322	340	1.2%	30,091	30,321	230	0.8%
A505 between Lilley Bottom Interchange eastbound off-slip road and Lilley Bottom Interchange westbound on-slip road	20,865	23,275	23,444	169	0.7%	26,937	27,010	73	0.3%	27,785	27,804	19	0.1%
A505 eastbound off-slip road to Lilley Bottom	1,330	1,835	1,733	-102	-5.6%	2,044	2,312	267	13.1%	2,306	2,517	211	9.1%
A505 between Lilley Bottom Interchange westbound on-slip road and Offley Hill	19,384	21,376	21,538	163	0.8%	24,691	24,736	45	0.2%	25,457	25,444	-13	-0.1%
A505 between Offley Hill and Carters Lane	20,844	23,005	23,187	182	0.8%	26,574	27,051	477	1.8%	27,413	28,343	930	3.4%
A505 between Carters Lane and Willow Lane	21,274	23,703	23,852	149	0.6%	27,659	27,614	-45	-0.2%	28,666	28,918	253	0.9%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A505 Moormead Hill between Willow Lane and Pirton Road	8,115	8,873	8,947	74	0.8%	10,675	11,534	859	8.0%	11,138	12,195	1,057	9.5%
Willow Lane/Charlton Road between A505 Moormead Hill and A602 Park Way	13,235	14,950	15,008	58	0.4%	17,097	16,285	-812	-4.7%	17,673	16,932	-741	-4.2%
A505 Upper Tilehouse Street between Pirton Road and Grays Lane	14,251	16,537	16,637	100	0.6%	19,145	20,953	1,808	9.4%	19,783	21,957	2,174	11.0%
A505 Upper Tilehouse Street between Grays Lane and A 602 Park Way	15,206	17,586	17,688	102	0.6%	20,257	22,083	1,826	9.0%	20,922	23,114	2,192	10.5%
A602 Park Way between Upper Tilehouse Street and Charlton Road	14,216	15,688	15,759	71	0.5%	16,917	17,031	114	0.7%	16,902	17,424	522	3.1%
A602 Park Way between Charlton Road and B656 Hitchin Hill	28,154	31,349	31,508	159	0.5%	34,784	33,935	-849	-2.4%	35,337	35,000	-337	-1.0%
B656 London Road	9,228	9,506	9,416	-90	-1.0%	10,749	10,570	-179	-1.7%	11,050	10,716	-333	-3.0%
Gosmore Road	1,641	1,820	1,824	4	0.2%	1,979	1,989	10	0.5%	2,042	2,053	11	0.6%
B656 Hitchin Hill	3,858	4,500	4,531	31	0.7%	5,250	5,313	63	1.2%	5,263	5,547	284	5.4%
A602 Stevenage Road between B656 Hitchin Hill and Blackhorse Lane	24,035	26,473	26,527	55	0.2%	28,196	28,543	347	1.2%	28,760	29,309	548	1.9%
A602 Stevenage Road between Blackhorse Lane and Whitehill Road	24,654	27,232	27,283	51	0.2%	29,079	29,382	302	1.0%	29,564	30,127	563	1.9%
A602 Stevenage Road between Whitehill Road and Stevenage Road	30,946	33,771	33,984	213	0.6%	36,662	36,815	153	0.4%	37,300	37,570	269	0.7%
A602 Little Wymondley Bypass between junction with Stevenage Road and A1(M) Jct. 8	29,819	32,324	32,561	237	0.7%	35,142	35,362	219	0.6%	35,807	36,048	241	0.7%
A1(M) Jct. 8 Northbound on-slip road	17,281	18,507	18,594	87	0.5%	19,328	19,493	165	0.9%	19,427	19,598	171	0.9%
A1(M) Jct. 8 Southbound off-slip road	13,537	12,571	12,609	38	0.3%	12,017	11,875	-142	-1.2%	12,055	12,100	45	0.4%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Other A roads													
A505 Kimpton Road between Vauxhall Way and Vauxhall access roundabout	11,875	19,554	17,382	-2,172	-11.1%	25,113	23,139	-1,974	-7.9%	26,021	23,728	-2,293	-8.8%
A505 Kimpton Road between Vauxhall access roundabout and Windmill Road	11,300	19,160	15,652	-3,508	-18.3%	23,720	19,595	-4,125	-17.4%	23,974	20,237	-3,737	-15.6%
A505 Windmill Road between Manor Road and BWI Group Access	18,608	25,476	22,315	-3,162	-12.4%	29,083	25,762	-3,321	-11.4%	29,464	25,555	-3,909	-13.3%
A6 Crawley Green Road between St Mary's Road and Crescent Road	18,593	21,037	21,819	782	3.7%	22,791	21,651	-1,140	-5.0%	23,085	21,871	-1,214	-5.3%
A505 Park Viaduct between Windmill Road and Cumberland Street	26,496	29,401	28,963	-438	-1.5%	31,923	30,650	-1,274	-4.0%	32,117	30,756	-1,361	-4.2%
A505 Chapel Viaduct between Castle Street and Hatters Way	50,246	53,187	53,107	-80	-0.2%	54,063	53,723	-340	-0.6%	54,040	53,727	-313	-0.6%
A6 Crescent Road between A505 Hitchin Road and Crawley Green Road	2,512	4,497	4,393	-105	-2.3%	5,079	3,983	-1,096	-21.6%	5,207	4,210	-998	-19.2%
A6 Hucklesby Way between New Bedford Way and A505 Hitchin Road	13,614	14,718	14,697	-21	-0.1%	15,777	16,108	332	2.1%	16,105	16,694	589	3.7%
A6 New Bedford Road between Telford Way and Stockingstone Road	14,389	14,941	15,003	62	0.4%	15,682	15,895	214	1.4%	15,967	16,159	193	1.2%
A5228 Hitchin Road between Bamridge Road and Vauxhall Way	27,697	17,355	18,073	719	4.1%	18,492	19,317	824	4.5%	19,047	20,159	1,112	5.8%
A5228 Hitchin Road between Stockingstone Road and Bamridge Road	28,757	16,481	17,188	707	4.3%	17,564	18,357	793	4.5%	18,104	19,167	1,063	5.9%
A5228 Stockingstone Road between New Bedford Road and A505 Hitchin Road	22,147	15,784	16,274	490	3.1%	17,496	17,566	70	0.4%	17,924	18,248	323	1.8%
A5228 Montrose Avenue	7,785	7,997	8,075	78	1.0%	8,801	8,955	155	1.8%	9,041	9,149	109	1.2%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A6 New Bedford Road between Stockingstone Road and Barton Road	20,889	22,562	22,829	267	1.2%	24,359	24,397	38	0.2%	24,767	25,007	240	1.0%
A6 New Bedford Road between Kingsdown Avenue and Barnfield Avenue	17,926	19,590	19,714	124	0.6%	21,013	20,951	-62	-0.3%	21,323	21,382	60	0.3%
A1081 London Road between Airport Way slip roads	12,345	19,129	18,602	-527	-2.8%	20,406	19,217	-1,189	-5.8%	21,338	19,997	-1,341	-6.3%
A1081 London Road between Roundabout and Newlands Road	15,926	19,816	19,621	-194	-1.0%	21,387	19,610	-1,777	-8.3%	21,359	20,732	-627	-2.9%
A1081 London Road between Newlands Road and Beech Tree Dr	13,050	16,963	16,923	-40	-0.2%	18,798	17,524	-1,274	-6.8%	18,914	18,535	-379	-2.0%
A1081 Luton Road between A1081 London Road and W Hyde Road	16,772	20,609	20,605	-4	0.0%	22,833	21,564	-1,269	-5.6%	22,733	22,468	-265	-1.2%
A1081 Luton Road between West Hyde Road and The Common Lane	13,675	15,088	14,968	-120	-0.8%	15,760	15,302	-458	-2.9%	15,925	15,474	-451	-2.8%
A1081 Luton Road between The Common Lane and Sun Lane	11,115	12,459	12,373	-86	-0.7%	12,983	12,792	-191	-1.5%	13,071	12,944	-127	-1.0%
Other urban local roads													
Eaton Green Road between Vauxhall Avenue and Brendon Avenue	13,828	18,920	22,581	3,661	19.4%	20,208	15,657	-4,551	-22.5%	19,912	16,300	-3,612	-18.1%
Eaton Green Road between Brendon Avenue and Mistletoe Hill	13,221	16,324	19,115	2,791	17.1%	17,602	10,609	-6,994	-39.7%	17,268	11,279	-5,989	-34.7%
Eaton Green Road between Mistletoe Hill and Frank Lester Way	10,862	13,279	16,045	2,766	20.8%	14,237	6,530	-7,706	-54.1%	13,888	6,888	-7,000	-50.4%
Eaton Green Road between Frank Lester Way and Lalleford Road	8,947	11,275	10,879	-396	-3.5%	13,134	4,821	-8,314	-63.3%	13,681	4,054	-9,628	-70.4%
Eaton Green Road between Lalleford Road and Wigmore Lane	8,892	11,222	10,883	-339	-3.0%	12,723	4,236	-8,488	-66.7%	13,108	3,919	-9,189	-70.1%
Eaton Green Road between Lalleford Road and Wigmore Lane	8,892	11,222	10,883	-339	-3.0%	12,723	9,403	-3,320	-26.1%	13,108	12,119	-988	-7.5%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Eaton Green Road between Wigmore Lane and Colwell Rise	5,514	6,526	6,712	187	2.9%	7,026	6,293	-732	-10.4%	7,269	7,964	696	9.6%
Eaton Green Road between Colwell Rise and Darley Road	2,947	3,496	3,770	274	7.9%	3,886	4,883	997	25.7%	4,125	6,434	2,309	56.0%
Wigmore Lane between Eaton Green Road and Wigmore Park District Centre access	6,953	8,305	8,127	-177	-2.1%	9,615	6,734	-2,881	-30.0%	9,964	7,812	-2,151	-21.6%
Wigmore Lane between Wigmore Park District Centre access and Twyford Drive	6,953	8,305	8,127	-177	-2.1%	9,615	6,734	-2,881	-30.0%	9,964	7,812	-2,152	-21.6%
Wigmore Lane between Crawley Green Road and Twyford Dr	8,295	8,967	8,925	-42	-0.5%	9,920	10,421	501	5.0%	10,250	11,611	1,360	13.3%
Wigmore Lane between Crawley Green Road and Handcross Road	12,105	12,980	13,059	79	0.6%	14,325	13,063	-1,261	-8.8%	14,562	13,545	-1,016	-7.0%
Wigmore Lane between Handcross Road and Buckingham Drive	11,844	12,527	12,608	80	0.6%	13,765	12,613	-1,152	-8.4%	13,987	13,068	-919	-6.6%
Wigmore Lane between Buckingham Drive and Hayling Drive	12,238	12,864	12,941	77	0.6%	14,052	12,922	-1,130	-8.0%	14,250	13,348	-902	-6.3%
Wigmore Lane between Hayling Drive and Sowerby Avenue	13,282	13,613	13,713	99	0.7%	14,692	13,680	-1,012	-6.9%	14,875	14,039	-835	-5.6%
Wigmore Lane between Sowerby Avenue and Green Lane	10,487	11,429	11,489	60	0.5%	11,585	14,897	3,312	28.6%	11,747	15,225	3,477	29.6%
Wigmore Lane between Green Lane and Ashcroft Road	10,956	11,912	11,890	-23	-0.2%	12,155	15,205	3,049	25.1%	12,340	15,379	3,038	24.6%
Ashcroft Road between Wigmore Lane and A505 Hitchin Road	12,546	13,521	13,592	71	0.5%	13,768	15,969	2,200	16.0%	13,952	16,129	2,177	15.6%
Lalleford Road between Eaton Green Road and Lyneham Road	407	418	367	-51	-12.2%	774	922	148	19.1%	943	593	-349	-37.0%
Lalleford Road between Lyneham Road and Crawley Green Road	1,165	1,579	1,672	93	5.9%	2,188	2,862	673	30.8%	2,335	2,796	461	19.8%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Ashcroft Road between Crawley Green Road and Marshall Road	4,534	4,992	4,881	-111	-2.2%	5,410	6,202	792	14.6%	5,543	6,350	807	14.6%
Ashcroft Road between Marshall Road and Tunners Road North	4,534	4,992	4,881	-112	-2.2%	5,410	6,202	792	14.6%	5,543	6,350	807	14.6%
Ashcroft Road between Turners Road North and Hallwicks Road	4,273	4,446	4,424	-22	-0.5%	4,643	5,421	778	16.8%	4,800	5,544	744	15.5%
Ashcroft Road between Hallwicks Road and Wigmore Lane	4,273	4,446	4,424	-22	-0.5%	4,643	5,421	778	16.8%	4,800	5,543	743	15.5%
Brendon Avenue between Eaton Green Road and Fermor Crescent	947	1,294	1,318	24	1.8%	1,466	2,397	930	63.4%	1,540	2,224	685	44.5%
Brendon Avenue between Fermor Crescent and Crawley Green Road	1,323	1,264	1,330	65	5.2%	1,279	2,241	962	75.3%	1,357	1,977	619	45.6%
Crawley Green Road between Durham Road and Devon Road	14,441	14,571	16,637	2,066	14.2%	15,325	17,562	2,237	14.6%	15,521	18,087	2,566	16.5%
Crawley Green Road between Vauxhall Avenue and Brendon Avenue	18,419	17,476	17,978	502	2.9%	17,656	20,115	2,459	13.9%	17,488	20,282	2,794	16.0%
Crawley Green Road between Brendon Avenue and Dovehouse Hill	17,657	16,929	17,462	533	3.1%	17,175	20,581	3,406	19.8%	17,070	20,551	3,481	20.4%
Crawley Green Road between Dovehouse Hill and Burnham Road	15,615	14,689	15,235	546	3.7%	14,795	18,246	3,451	23.3%	14,669	18,148	3,480	23.7%
Crawley Green Road between Burnham Road and Ashcroft Road	15,616	14,689	15,235	546	3.7%	14,795	18,246	3,451	23.3%	14,669	18,148	3,480	23.7%
Crawley Green Road between Ashcroft Road and Lalleford Road	11,841	10,527	11,248	720	6.8%	10,253	12,846	2,593	25.3%	10,002	12,725	2,723	27.2%
Crawley Green Road between Lalleford Road and Buckingham Drive	12,227	11,341	12,079	738	6.5%	11,667	15,091	3,424	29.3%	11,606	14,842	3,237	27.9%
Crawley Green Road between Buckingham Drive and Wigmore Lane	12,227	11,341	12,079	738	6.5%	11,667	15,091	3,424	29.3%	11,606	14,842	3,237	27.9%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Crawley Green Road between Wigmore Lane and Rochford Drive	4,912	5,307	5,619	312	5.9%	5,851	8,100	2,250	38.5%	6,020	8,583	2,563	42.6%
Crawley Green Road between Rochford Drive and Hedley Rise	3,927	4,254	4,575	321	7.6%	4,782	7,088	2,306	48.2%	4,942	7,589	2,647	53.5%
Hedley Rise	2,892	2,754	2,798	44	1.6%	2,846	4,363	1,516	53.3%	2,894	4,266	1,371	47.4%
Hailing Drive	4,400	4,706	4,711	5	0.1%	4,885	4,925	40	0.8%	4,949	5,009	60	1.2%
Colwell Rise	2,914	3,436	3,383	-52	-1.5%	3,631	2,096	-1,535	-42.3%	3,669	2,296	-1,373	-37.4%
B653 Windmill Road between Kimpton Road and Osborne Road	16,831	21,046	20,399	-647	-3.1%	22,637	23,735	1,098	4.9%	23,080	24,018	939	4.1%
B653 Gypsy Lane between Osborne Road and Luton Retail Park access	15,343	18,638	18,724	86	0.5%	20,269	21,583	1,314	6.5%	20,663	21,854	1,192	5.8%
B653 Gypsy Lane between Luton Retail Park access and link to A1081	15,473	18,182	18,961	780	4.3%	20,037	21,906	1,869	9.3%	20,457	22,107	1,650	8.1%
St Mary's Road between Park Viaduct and Church Street	6,857	9,160	9,147	-13	-0.1%	10,301	12,114	1,813	17.6%	10,579	12,509	1,930	18.2%
Church Street between St Mary's Road and John Street	7,662	9,976	9,961	-15	-0.1%	11,118	12,944	1,826	16.4%	11,399	13,342	1,943	17.0%
Church Street between John Street and Crescent Road	8,646	10,626	10,684	58	0.5%	11,690	13,313	1,623	13.9%	11,994	13,708	1,714	14.3%
B4540 Farley Hill between Newlands Road and A505	11,191	12,737	13,191	454	3.6%	14,180	15,270	1,090	7.7%	14,611	15,921	1,310	9.0%
Rural roads to east and north of the airport													
Darley Road between Brick Kiln Lane and Mill Way	2,808	3,230	3,452	223	6.9%	3,277	4,140	863	26.3%	3,408	4,830	1,422	41.7%
Church Road between The Heath and Lilley Bottom	1,746	2,012	2,237	225	11.2%	2,266	3,013	747	33.0%	2,304	3,444	1,140	49.5%
Church Road between Lilley Bottom Road and Whitehall Lane	955	976	968	-7	-0.8%	930	1,576	646	69.4%	913	1,601	688	75.3%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Parsonage Lane/Church Lane/Back Lane (Preston) between Whitehall Road and School Lane	1,521	1,719	1,805	85	5.0%	2,075	2,711	636	30.7%	2,202	3,202	1,000	45.4%
Lilley Bottom Road between Church Road and Bendish Lane	1,185	1,454	1,696	242	16.7%	1,886	2,020	134	7.1%	1,996	2,471	475	23.8%
Lilley Bottom Road (Whitwell) between Bendish Lane and B651 Horn Hill	1,222	1,502	1,744	242	16.1%	1,942	2,076	134	6.9%	2,057	2,532	475	23.1%
B651 High Street (Whitwell) between B651 Horn Hill and B651 Hitchin Road	3,141	3,637	3,888	251	6.9%	4,418	4,604	186	4.2%	4,655	5,194	539	11.6%
Codicote Road between B651 Hitchin Road and B656 Hitchin Road (Codicote)	1,232	1,503	1,743	240	16.0%	1,932	2,099	167	8.7%	2,048	2,536	488	23.8%
The Heath/Heath Road between Church Road and Oxford Road	2,032	2,467	2,521	54	2.2%	2,881	3,325	444	15.4%	3,039	3,743	703	23.1%
Chapel Road between Oxford Road and Baileys Lane	1,779	2,167	2,398	231	10.7%	2,766	3,462	696	25.2%	2,961	3,892	931	31.5%
Lye Hill/Chiltern Green Road between Baileys Lane and Kimpton Road	507	630	754	124	19.7%	962	1,324	362	37.6%	993	1,454	460	46.4%
Kimpton Road between Chiltern Green Road and Fox Hill Road	1,862	2,651	2,663	12	0.5%	3,511	3,683	172	4.9%	3,858	3,950	91	2.4%
Luton Road between Fox Hill Road and High Street Kimpton)	3,097	4,140	4,259	119	2.9%	5,259	5,764	504	9.6%	5,766	6,328	562	9.7%
B652 High Street (Kimpton) between Luton Road and Claggy Road	5,167	6,246	6,267	21	0.3%	7,433	7,606	173	2.3%	7,834	7,936	102	1.3%
B652 High Street (Kimpton) between Claggy Road and Hitchin Road	3,738	4,784	4,811	28	0.6%	5,948	6,115	167	2.8%	6,436	6,538	102	1.6%
B651 High Street (Kimpton) between B652 High Street (Kimpton) and Ballslough Hill	2,774	3,692	3,711	19	0.5%	4,610	4,720	109	2.4%	5,011	5,031	20	0.4%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Stony Lane between Durley Road and Brick Kiln Lane	229	394	449	55	13.9%	761	954	193	25.3%	870	1,845	975	112.1%
Stony Lane between Brick Kiln Lane and Lilley Bottom	646	866	955	90	10.4%	1,395	1,669	275	19.7%	1,554	2,631	1,077	69.3%
The Road near Lodge Farm between Stony Lane and King's Walden Road	973	1,253	1,326	74	5.9%	1,809	2,054	245	13.6%	1,956	3,019	1,064	54.4%
Brick Kiln Lane between Stony Lane and Chalk Hill	506	599	637	38	6.3%	787	926	140	17.8%	837	1,027	190	22.7%
Luton Road between Elmtree Avenue and Hedley Rise	2,109	2,636	2,930	294	11.2%	3,211	4,164	953	29.7%	3,393	4,844	1,451	42.8%
Chalk Hill between Brick Kiln Lane and Lilley Bottom	835	1,117	1,382	265	23.8%	1,506	2,350	844	56.0%	1,623	2,923	1,300	80.1%
Lilley Bottom between Church Road and Stony Lane	902	1,113	1,169	57	5.1%	1,719	1,908	189	11.0%	1,817	2,124	308	16.9%
Lilley Bottom between Stony Lane and Chalk Hill	899	1,040	1,049	9	0.9%	1,412	1,448	36	2.5%	1,504	1,536	31	2.1%
Lilley Bottom between Chalk Hill and Luton White Hill	1,734	2,157	2,431	274	12.7%	2,919	3,798	879	30.1%	3,127	4,459	1,331	42.6%
Lilley Bottom between Luton White Hill and Hollybush Hill	1,734	2,157	2,431	274	12.7%	2,919	3,798	879	30.1%	3,127	4,459	1,331	42.6%
Lilley Bottom between Hollybush Hill and A505 eastbound Off-slip road	3,272	4,100	4,362	262	6.4%	5,094	6,001	907	17.8%	5,339	6,607	1,268	23.7%
Hexton Road between East Street and Streatley Road	3,443	4,704	4,848	144	3.1%	5,767	6,690	923	16.0%	6,230	7,499	1,269	20.4%
<i>Rural roads to west and south of the airport</i>													
B653 Lower Harpenden Road between West Hyde Road and Parkway Road	12,224	14,096	14,326	231	1.6%	15,786	16,327	542	3.4%	15,984	16,679	695	4.3%

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
B653 Lower Harpenden Road between Westfield Road and W Hyde Road	11,972	13,885	13,953	68	0.5%	15,490	15,876	386	2.5%	15,828	16,396	568	3.6%
Chiltern Green Road between B653 Lower Harpenden Road and Kimpton Road	2,369	3,281	3,417	137	4.2%	4,472	5,007	534	11.9%	4,852	5,403	552	11.4%
B653 Lower Harpenden Road between Station Road and Westfield Road	10,145	11,707	11,554	-153	-1.3%	13,222	13,128	-94	-0.7%	13,477	13,364	-113	-0.8%
Newlands Road between Markyate Road and A1081 London Road	9,664	11,129	11,242	113	1.0%	12,632	12,521	-111	-0.9%	12,748	13,209	461	3.6%
B4540 Church Road between Front Street and Newlands Road	4,137	4,748	4,612	-135	-2.8%	4,859	4,656	-202	-4.2%	4,766	4,691	-74	-1.6%
Front Street between Pepsal End Road and A1081 London Road	2,422	2,752	2,772	20	0.7%	3,073	3,172	98	3.2%	3,267	3,463	196	6.0%
Front Street between Markyate Road and Pepsal End Road	2,666	2,741	2,760	19	0.7%	3,036	3,038	3	0.1%	2,970	3,252	282	9.5%
B4540 Newlands Road between Markyate Road and Luton Road	7,069	7,824	8,085	261	3.3%	9,225	9,346	121	1.3%	9,447	10,028	581	6.2%
Luton Road between Newlands Road and Chaul End Road	12,973	14,238	14,713	475	3.3%	16,516	17,219	703	4.3%	17,209	18,430	1,222	7.1%
Airport roads													
Airport Way between Mid Term Car Park access and Central Terminal Area	16,952	19,208	22,214	3,007	15.7%	19,169	19,010	-159	-0.8%	19,161	18,764	-397	-2.1%
Airport Way between Percival Way and Mid Term Car Park Access	18,494	20,837	24,104	3,268	15.7%	20,795	20,625	-170	-0.8%	20,786	20,358	-428	-2.1%
A1081 New Airport Way between AAR and Percival Way	22,196	27,741	26,959	-781	-2.8%	28,107	17,107	-11,000	-39.1%	28,793	16,693	-12,100	-42.0%
Eaton Green Road link	No link	No link	No link	n/a	n/a	No link	8,250	n/a	n/a	No link	12,142	n/a	n/a

Road Link	2016 (AADT)	2027 (AADT)				2039 (AADT)				2043 (AADT)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Access road to Terminal 2 from AAR	No link	No link	No link	n/a	n/a	No link	6,478	n/a	n/a	No link	11,767	n/a	n/a
CPAR Link between President Way and Eaton Green Road link	No link	No link	No link	n/a	n/a	No link	13,728	n/a	n/a	No link	22,941	n/a	n/a
President Way between Car Rental and Frank Lester Way (AAR in DS)	9,031	10,055	11,859	1,804	17.9%	10,058	15,555	5,497	54.7%	10,064	22,941	12,878	128.0%
AAR between Provost Way and Frank Lester Way	No link	No link	No link	n/a	n/a	No link	15,238	n/a	n/a	No link	21,215	n/a	n/a
AAR between A1081 New Airport Way and Provost Way	No link	No link	No link	n/a	n/a	No link	15,305	n/a	n/a	No link	21,174	n/a	n/a
Percival Way between Airport Way and Prospect Way	9,763	10,374	8,407	-1,967	-19.0%	10,913	1,176	-9,737	-89.2%	11,398	1,070	-10,329	-90.6%
Percival Way between Prospect Way and Provost Way	9,898	12,148	9,404	-2,744	-22.6%	12,718	1,147	-11,571	-91.0%	13,200	1,389	-11,811	-89.5%
Frank Lester Way between Percival Way and Eaton Green Road	9,476	11,181	13,380	2,199	19.7%	11,704	3,791	-7,913	-67.6%	12,202	3,590	-8,613	-70.6%

Table 1.2: Selected AM peak flows

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Access route to and from the M1													
A1081 New Airport Way between AAR and Percival Way	1,953	2,519	2,292	-227	-9.0%	2,617	1,288	-1,329	-50.8%	2,634	1,137	-1,498	-56.9%
A1081 New Airport Way between A505 Airport Way and Percival Way	1,953	2,519	2,292	-227	-9.0%	2,617	2,607	-10	-0.4%	2,634	2,784	150	5.7%
A1081 New Airport Way between A505 Airport Way and link to Lower Harpenden Road	3,990	4,687	4,771	83	1.8%	4,988	5,305	317	6.4%	5,052	5,764	712	14.1%
Link Road between A1081 to B653	781	957	1,093	137	14.3%	891	1,155	265	29.7%	940	1,090	150	16.0%
A1081 New Airport Way between Capability Green Estate and B653	4,342	5,186	5,315	130	2.5%	5,463	5,822	358	6.6%	5,562	6,123	562	10.1%
Slip road to Capability Green Estate from A1081 New Airport Way WB	644	721	687	-34	-4.8%	707	675	-32	-4.5%	716	677	-39	-5.5%
Slip road from Capability Green Estate to A1081 New Airport Way EB	156	144	158	14	9.8%	132	142	9	7.0%	135	112	-23	-16.9%
A1081 New Airport Way between Capability Green Estate slip roads	3,542	4,321	4,471	150	3.5%	4,624	5,005	381	8.2%	4,711	5,335	624	13.2%
Slip road from Capability Green Estate to A1081 New Airport Way WB	133	180	162	-18	-10.1%	205	197	-8	-4.1%	209	231	22	10.4%
Slip road to Capability Green Estate from A1081 New Airport Way EB	890	934	948	13	1.4%	1,009	1,037	28	2.8%	1,020	1,037	17	1.7%
A1081 New Airport Way between A1081 London Road and Capability Green Estate	4,565	5,435	5,581	145	2.7%	5,838	6,239	401	6.9%	5,940	6,603	663	11.2%
Slip road to A1081 London Road from A1081 New Airport Way WB	499	590	585	-4	-0.7%	644	632	-12	-1.9%	618	659	42	6.8%
Slip road from A1081 London Road to A1081 New Airport Way EB	806	808	786	-21	-2.6%	853	867	14	1.6%	843	888	45	5.3%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A1081 New Airport Way between London Road slip roads	3,260	4,038	4,209	171	4.2%	4,340	4,740	399	9.2%	4,480	5,055	576	12.8%
Slip road from A1081 London Road to A1081 New Airport Way WB	479	534	514	-20	-3.7%	542	588	46	8.5%	729	703	-25	-3.5%
Slip road to A1081 London Road from A1081 New Airport Way EB	385	699	630	-69	-9.9%	791	683	-109	-13.7%	847	786	-61	-7.2%
A1081 New Airport Way between M1 Jct. 10 and A1081 London Road	4,124	5,271	5,353	82	1.6%	5,674	6,011	337	5.9%	6,056	6,545	489	8.1%
M1 Jct. 10 southbound on-slip road	1,316	1,396	1,402	5	0.4%	1,156	1,508	352	30.5%	1,701	1,689	-11	-0.7%
M1 Jct. 10 northbound off-slip road	1,254	1,520	1,572	52	3.4%	1,674	1,786	112	6.7%	1,701	1,966	266	15.6%
M1 Jct. 10 roundabout (west side)	1,798	2,285	2,343	58	2.6%	2,515	2,718	202	8.0%	2,609	2,975	366	14.0%
M1 Jct. 10 roundabout (northern overbridge)	1,254	1,519	1,570	51	3.4%	1,673	1,786	113	6.8%	1,700	1,967	267	15.7%
M1 Jct. 10 roundabout (southern overbridge)	544	765	771	7	0.9%	841	932	90	10.7%	909	1,009	100	11.0%
M1 between Jct. 9 and Jct. 10	10,836	12,520	12,565	45	0.4%	13,524	13,674	150	1.1%	14,016	14,253	237	1.7%
M1 between Jct. 8 and Jct. 9	11,643	13,275	13,323	48	0.4%	14,273	14,345	72	0.5%	14,508	14,680	172	1.2%
M1 Jct. 10 northbound on-slip road	544	766	773	7	0.9%	842	931	89	10.6%	909	1,008	100	11.0%
M1 Jct. 10 southbound off-slip road	1,010	1,591	1,610	19	1.2%	1,766	1,784	19	1.0%	1,835	1,880	45	2.5%
M1 between Jct. 10 and Jct. 11	9,819	11,960	11,974	14	0.1%	13,064	13,095	32	0.2%	13,448	13,486	39	0.3%
M1 within Jct. 11	7,337	9,745	9,756	11	0.1%	10,741	10,765	25	0.2%	11,053	11,080	26	0.2%
M1 between Jct. 11 and Jct. 11A	8,368	11,138	11,170	32	0.3%	12,297	12,336	39	0.3%	12,634	12,691	56	0.4%
Access route to and from the A1(M)													
Airport Way between A505 Vauxhall Way and London Luton Roundabout	401	392	399	7	1.7%	356	677	321	90.1%	352	998	646	183.8%
A505 Vauxhall Way between Kimpton Road and Eaton Green Road	2,397	2,866	3,165	299	10.4%	3,193	3,419	226	7.1%	3,261	3,540	280	8.6%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A505 Vauxhall Way between Eaton Green Road and	2,218	2,412	2,568	156	6.5%	2,579	2,803	224	8.7%	2,618	2,901	283	10.8%
A505 Vauxhall Way between A5228 Hitchin Road and Crawley Green Road	1,359	1,801	1,828	28	1.5%	1,901	2,042	141	7.4%	1,945	2,098	153	7.9%
A505 Stopsley Way between Vauxhall Way and Hitchin Road	3,292	3,744	3,763	19	0.5%	3,845	4,046	201	5.2%	3,957	4,096	139	3.5%
A505 Stopsley Way between Hitchin Road and Ashcroft Road	2,993	3,223	3,212	-10	-0.3%	3,337	3,481	144	4.3%	3,377	3,490	113	3.3%
A505 Hitchin Road between Ashcroft Road and Lothair Road	2,565	2,865	2,853	-13	-0.4%	3,052	2,924	-127	-4.2%	3,011	2,938	-73	-2.4%
A505 Hitchin Road between Lothair Road and Butterfield Green Road	2,565	2,865	2,853	-13	-0.4%	3,052	2,924	-127	-4.2%	3,011	2,938	-73	-2.4%
A505 Hitchin Road between Butterfield Green Road and Mount Grace Road	2,462	2,769	2,759	-11	-0.4%	2,980	3,003	24	0.8%	3,004	3,072	68	2.3%
A505 Hitchin Road between Mount Grace Road and Great Marlings	2,277	2,583	2,573	-10	-0.4%	2,804	2,829	25	0.9%	2,832	2,901	70	2.5%
A505 Beech Hill between Great Marlings and Lilley Bottom	2,173	2,439	2,430	-9	-0.4%	2,634	2,665	31	1.2%	2,662	2,738	77	2.9%
A505 between Lilley Bottom Interchange eastbound off-slip road and Lilley Bottom Interchange westbound on-slip road	2,127	2,354	2,337	-16	-0.7%	2,536	2,570	34	1.3%	2,560	2,635	75	2.9%
A505 eastbound off-slip road to Lilley Bottom	45	85	92	7	8.0%	98	96	-3	-3.0%	102	104	2	2.1%
A505 between Lilley Bottom Interchange westbound on-slip road and Offley Hill	1,843	1,986	1,962	-24	-1.2%	2,141	2,165	23	1.1%	2,159	2,220	61	2.8%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A505 between Offley Hill and Carters Lane	2,085	2,252	2,236	-15	-0.7%	2,452	2,581	129	5.3%	2,470	2,710	241	9.7%
A505 between Carters Lane and Willow Lane	1,985	2,120	2,105	-15	-0.7%	2,434	2,499	65	2.7%	2,528	2,597	69	2.7%
A505 Moormead Hill between Willow Lane and Pirton Road	875	915	920	5	0.5%	1,220	1,217	-2	-0.2%	1,304	1,266	-38	-2.9%
Willow Lane/Charlton Road between A505 Moormead Hill and A602 Park Way	1,141	1,223	1,194	-29	-2.4%	1,225	1,333	108	8.8%	1,250	1,382	132	10.6%
A505 Upper Tilehouse Street between Pirton Road and Grays Lane	1,483	1,676	1,681	5	0.3%	1,917	2,033	117	6.1%	1,942	2,121	179	9.2%
A505 Upper Tilehouse Street between Grays Lane and A 602 Park Way	1,568	1,766	1,772	5	0.3%	2,010	2,129	120	6.0%	2,037	2,219	183	9.0%
A602 Park Way between Upper Tilehouse Street and Charlton Road	1,351	1,398	1,421	23	1.6%	1,517	1,182	-336	-22.1%	1,503	1,230	-273	-18.2%
A602 Park Way between Charlton Road and B656 Hitchin Hill	2,535	2,670	2,681	10	0.4%	2,805	2,523	-282	-10.1%	2,800	2,622	-179	-6.4%
B656 London Road	830	742	718	-24	-3.2%	690	817	127	18.4%	719	800	82	11.4%
Gosmore Road	159	172	172	1	0.3%	183	186	3	1.6%	189	192	3	1.6%
B656 Hitchin Hill	486	515	524	9	1.7%	536	610	74	13.8%	556	621	65	11.7%
A602 Stevenage Road between B656 Hitchin Hill and Blackhorse Lane	2,161	2,158	2,136	-23	-1.1%	2,179	2,205	26	1.2%	2,198	2,251	53	2.4%
A602 Stevenage Road between Blackhorse Lane and Whitehill Road	2,202	2,206	2,179	-27	-1.2%	2,236	2,246	10	0.4%	2,247	2,296	49	2.2%
A602 Stevenage Road between Whitehill Road and Stevenage Road	2,724	2,719	2,724	6	0.2%	2,735	2,787	52	1.9%	2,749	2,773	24	0.9%
A602 Little Wymondley Bypass between junction with Stevenage Road and A1(M) Jct. 8	2,612	2,569	2,574	5	0.2%	2,574	2,663	89	3.4%	2,591	2,644	52	2.0%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A1(M) Jct. 8 Northbound on-slip road	1,382	1,478	1,492	14	0.9%	1,496	1,494	-2	-0.1%	1,515	1,504	-11	-0.8%
A1(M) Jct. 8 Southbound off-slip road	1,618	1,645	1,648	3	0.2%	1,908	1,869	-39	-2.1%	1,973	1,954	-19	-1.0%
Other A roads													
A505 Kimpton Road between Vauxhall Way and Vauxhall access roundabout	870	1,476	1,346	-129	-8.7%	1,916	1,836	-79	-4.1%	1,959	1,854	-106	-5.4%
A505 Kimpton Road between Vauxhall access roundabout and Windmill Road	876	1,502	1,289	-213	-14.2%	1,872	1,559	-312	-16.7%	1,889	1,589	-300	-15.9%
A505 Windmill Road between Manor Road and BWI Group Access	1,566	2,090	1,756	-334	-16.0%	2,208	1,845	-363	-16.4%	2,193	1,650	-543	-24.8%
A6 Crawley Green Road between St Mary's Road and Crescent Road	1,278	1,441	1,459	18	1.2%	1,498	1,545	47	3.2%	1,519	1,565	46	3.1%
A505 Park Viaduct between Windmill Road and Cumberland Street	1,881	2,251	2,103	-149	-6.6%	2,323	2,156	-166	-7.2%	2,301	2,079	-222	-9.7%
A505 Chapel Viaduct between Castle Street and Hatters Way	4,176	4,354	4,326	-28	-0.6%	4,352	4,317	-36	-0.8%	4,352	4,299	-52	-1.2%
A6 Crescent Road between A505 Hitchin Road and Crawley Green Road	161	273	283	10	3.5%	290	291	1	0.3%	297	298	0	0.1%
A6 Hucklesby Way between New Bedford Way and A505 Hitchin Road	1,148	1,192	1,202	11	0.9%	1,246	1,264	18	1.4%	1,256	1,333	77	6.1%
A6 New Bedford Road between Telford Way and Stockingstone Road	858	871	862	-9	-1.0%	863	861	-2	-0.3%	865	861	-4	-0.4%
A5228 Hitchin Road between Bamridge Road and Vauxhall Way	2,085	1,671	1,756	85	5.1%	1,772	1,824	52	2.9%	1,801	1,926	125	7.0%
A5228 Hitchin Road between Stockingstone Road and Bamridge Road	2,181	1,607	1,695	88	5.5%	1,705	1,757	51	3.0%	1,736	1,857	121	7.0%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A5228 Stockingstone Road between New Bedford Road and A505 Hitchin Road	1,834	1,444	1,532	89	6.1%	1,581	1,626	44	2.8%	1,615	1,691	76	4.7%
A5228 Montrose Avenue	654	645	639	-6	-0.9%	682	691	9	1.3%	693	716	24	3.4%
A6 New Bedford Road between Stockingstone Road and Barton Road	1,708	1,737	1,742	5	0.3%	1,764	1,764	-1	0.0%	1,772	1,787	14	0.8%
A6 New Bedford Road between Kingsdown Avenue and Barnfield Avenue	1,473	1,496	1,484	-11	-0.8%	1,507	1,511	5	0.3%	1,513	1,521	9	0.6%
A1081 London Road between Airport Way slip roads	1,111	1,470	1,426	-44	-3.0%	1,482	1,491	9	0.6%	1,534	1,572	39	2.5%
A1081 London Road between Roundabout and Newlands Road	1,681	1,933	1,889	-44	-2.3%	1,972	1,905	-68	-3.4%	1,990	1,921	-69	-3.5%
A1081 London Road between Newlands Road and Beech Tree Dr	1,463	1,726	1,701	-24	-1.4%	1,875	1,829	-46	-2.5%	1,872	1,896	24	1.3%
A1081 Luton Road between A1081 London Road and W Hyde Road	1,563	1,856	1,844	-13	-0.7%	2,093	2,049	-43	-2.1%	2,017	2,041	24	1.2%
A1081 Luton Road between West Hyde Road and The Common Lane	1,041	1,169	1,164	-5	-0.4%	1,222	1,219	-3	-0.2%	1,248	1,240	-7	-0.6%
A1081 Luton Road between The Common Lane and Sun Lane	913	1,025	1,026	1	0.1%	1,066	1,064	-2	-0.2%	1,089	1,087	-3	-0.2%
Other urban local roads													
Eaton Green Road between Vauxhall Avenue and Brendon Avenue	1,346	1,810	2,133	323	17.8%	1,830	1,815	-15	-0.8%	1,841	1,960	119	6.5%
Eaton Green Road between Brendon Avenue and Mistletoe Hill	1,301	1,535	1,820	285	18.6%	1,592	1,234	-358	-22.5%	1,580	1,352	-228	-14.4%
Eaton Green Road between Mistletoe Hill and Frank Lester Way	1,105	1,338	1,635	297	22.2%	1,384	629	-755	-54.6%	1,339	721	-618	-46.2%
Eaton Green Road between Frank Lester Way and Lalleford Road	1,260	1,560	1,446	-113	-7.3%	1,737	468	-1,269	-73.0%	1,754	537	-1,216	-69.4%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Eaton Green Road between Lalleford Road and Wigmore Lane	1,229	1,534	1,443	-91	-5.9%	1,532	476	-1,056	-68.9%	1,526	559	-967	-63.4%
Eaton Green Road between Lalleford Road and Wigmore Lane	1,229	1,534	1,443	-91	-5.9%	1,532	1,053	-479	-31.3%	1,526	1,147	-379	-24.8%
Eaton Green Road between Wigmore Lane and Colwell Rise	627	767	767	0	0.1%	852	786	-67	-7.8%	902	904	2	0.2%
Eaton Green Road between Colwell Rise and Darley Road	358	459	484	24	5.3%	563	630	66	11.8%	616	768	152	24.6%
Wigmore Lane between Eaton Green Road and Wigmore Park District Centre access	908	1,119	1,049	-70	-6.2%	1,102	687	-415	-37.7%	1,059	712	-347	-32.8%
Wigmore Lane between Wigmore Park District Centre access and Twyford Drive	908	1,119	1,049	-70	-6.2%	1,102	687	-415	-37.7%	1,060	712	-347	-32.8%
Wigmore Lane between Crawley Green Road and Twyford Dr	1,028	1,194	1,142	-52	-4.4%	1,125	932	-193	-17.1%	1,081	1,023	-58	-5.3%
Wigmore Lane between Crawley Green Road and Handcross Road	1,265	1,363	1,365	1	0.1%	1,418	1,173	-245	-17.3%	1,434	1,168	-266	-18.5%
Wigmore Lane between Handcross Road and Buckingham Drive	1,213	1,298	1,300	2	0.2%	1,335	1,101	-234	-17.5%	1,345	1,092	-253	-18.8%
Wigmore Lane between Buckingham Drive and Hayling Drive	1,257	1,333	1,334	1	0.1%	1,360	1,128	-232	-17.0%	1,359	1,117	-242	-17.8%
Wigmore Lane between Hayling Drive and Sowerby Avenue	1,370	1,412	1,415	3	0.2%	1,424	1,198	-225	-15.8%	1,413	1,175	-239	-16.9%
Wigmore Lane between Sowerby Avenue and Green Lane	1,039	1,099	1,099	1	0.1%	1,079	1,408	329	30.4%	1,085	1,453	368	34.0%
Wigmore Lane between Green Lane and Ashcroft Road	1,136	1,193	1,179	-14	-1.2%	1,190	1,487	298	25.0%	1,192	1,520	328	27.5%
Ashcroft Road between Wigmore Lane and A505 Hitchin Road	1,261	1,256	1,255	-1	-0.1%	1,230	1,321	90	7.3%	1,231	1,318	87	7.0%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Lalleford Road between Eaton Green Road and Lyneham Road	64	60	38	-22	-36.1%	236	27	-209	-88.6%	256	41	-215	-84.1%
Lalleford Road between Lyneham Road and Crawley Green Road	111	107	90	-17	-16.2%	299	472	173	57.9%	354	533	179	50.6%
Ashcroft Road between Crawley Green Road and Marshall Road	430	522	502	-20	-3.8%	571	763	193	33.7%	581	815	233	40.1%
Ashcroft Road between Marshall Road and Turners Road North	430	522	502	-20	-3.8%	571	763	193	33.7%	581	815	233	40.1%
Ashcroft Road between Turners Road North and Hallwicks Road	438	510	490	-20	-4.0%	536	732	195	36.4%	542	776	234	43.1%
Ashcroft Road between Hallwicks Road and Wigmore Lane	438	510	490	-20	-4.0%	536	732	195	36.4%	542	776	234	43.1%
Brendon Avenue between Eaton Green Road and Fermor Crescent	79	101	111	9	9.0%	129	310	181	140.2%	159	314	155	97.5%
Brendon Avenue between Fermor Crescent and Crawley Green Road	102	102	115	13	12.7%	117	300	183	155.9%	147	302	155	105.7%
Crawley Green Road between Durham Road and Devon Road	911	1,081	1,234	153	14.1%	1,141	1,363	223	19.5%	1,168	1,464	296	25.4%
Crawley Green Road between Vauxhall Avenue and Brendon Avenue	1,369	1,355	1,422	67	4.9%	1,365	1,468	103	7.6%	1,351	1,501	151	11.2%
Crawley Green Road between Brendon Avenue and Dovehouse Hill	1,332	1,330	1,408	78	5.9%	1,360	1,647	286	21.0%	1,377	1,683	306	22.2%
Crawley Green Road between Dovehouse Hill and Burnham Road	1,193	1,176	1,258	82	6.9%	1,206	1,491	285	23.7%	1,226	1,527	302	24.6%
Crawley Green Road between Burnham Road and Ashcroft Road	1,193	1,176	1,258	82	7.0%	1,206	1,491	285	23.7%	1,226	1,527	302	24.6%
Crawley Green Road between Ashcroft Road and Lalleford Road	842	752	861	109	14.5%	738	826	88	11.9%	749	828	80	10.6%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Crawley Green Road between Lalleford Road and Buckingham Drive	903	794	874	80	10.1%	964	1,259	295	30.6%	1,029	1,280	252	24.5%
Crawley Green Road between Buckingham Drive and Wigmore Lane	903	794	874	80	10.1%	964	1,259	295	30.6%	1,029	1,280	252	24.5%
Crawley Green Road between Wigmore Lane and Rochford Drive	484	538	561	23	4.2%	595	795	200	33.7%	622	891	269	43.3%
Crawley Green Road between Rochford Drive and Hedley Rise	386	434	458	24	5.5%	490	700	210	42.8%	517	798	280	54.2%
Hedley Rise	263	241	249	8	3.1%	262	374	112	42.5%	267	379	112	42.0%
Hailing Drive	462	485	483	-2	-0.3%	497	500	3	0.7%	501	507	5	1.1%
Colwell Rise	298	342	329	-13	-3.9%	339	227	-112	-33.0%	340	229	-112	-32.8%
B653 Windmill Road between Kimpton Road and Osborne Road	1,498	1,776	1,688	-88	-5.0%	1,887	1,768	-119	-6.3%	1,905	1,597	-308	-16.1%
B653 Gypsy Lane between Osborne Road and Luton Retail Park access	1,404	1,643	1,637	-6	-0.4%	1,716	1,665	-51	-3.0%	1,744	1,581	-163	-9.4%
B653 Gypsy Lane between Luton Retail Park access and link to A1081	1,396	1,572	1,631	59	3.7%	1,639	1,667	27	1.7%	1,667	1,561	-106	-6.4%
St Mary's Road between Park Viaduct and Church Street	497	708	696	-12	-1.8%	760	869	109	14.4%	767	893	127	16.5%
Church Street between St Mary's Road and John Street	546	761	748	-13	-1.7%	812	923	111	13.6%	820	948	128	15.6%
Church Street between John Street and Crescent Road	762	955	951	-4	-0.4%	982	1,069	88	8.9%	991	1,112	121	12.2%
B4540 Farley Hill between Newlands Road and A505	1,126	1,186	1,227	40	3.4%	1,311	1,388	77	5.9%	1,338	1,466	128	9.5%
Rural roads to east and north of the airport													
Darley Road between Brick Kiln Lane and Mill Way	323	388	394	6	1.5%	375	399	24	6.4%	386	434	49	12.6%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Church Road between The Heath and Lilley Bottom	230	292	291	-1	-0.3%	301	319	18	6.1%	288	324	36	12.3%
Church Road between Lilley Bottom Road and Whitehall Lane	157	157	149	-8	-5.3%	111	104	-7	-6.2%	96	62	-34	-35.3%
Parsonage Lane/Church Lane/Back Lane (Preston) between Whitehall Road and School Lane	212	251	276	25	10.1%	325	298	-27	-8.2%	354	317	-37	-10.4%
Lilley Bottom Road between Church Road and Bendish Lane	122	192	196	4	2.1%	263	290	27	10.1%	292	357	64	22.1%
Lilley Bottom Road (Whitwell) between Bendish Lane and B651 Horn Hill	125	199	203	4	2.0%	272	299	27	9.8%	302	366	64	21.3%
B651 High Street (Whitwell) between B651 Horn Hill and B651 Hitchin Road	296	387	393	6	1.6%	504	534	30	5.9%	558	625	67	12.0%
Codicote Road between B651 Hitchin Road and B656 Hitchin Road (Codicote)	118	191	195	3	1.8%	262	288	26	9.9%	291	354	63	21.6%
The Heath/Heath Road between Church Road and Oxford Road	186	224	237	13	5.8%	292	361	68	23.4%	290	394	104	35.8%
Chapel Road between Oxford Road and Baileys Lane	194	234	249	15	6.4%	303	385	81	26.9%	302	415	112	37.1%
Lye Hill/Chiltern Green Road between Baileys Lane and Kimpton Road	61	81	90	9	10.9%	124	169	45	36.2%	111	186	75	67.6%
Kimpton Road between Chiltern Green Road and Fox Hill Road	235	294	299	5	1.8%	417	428	11	2.6%	508	490	-18	-3.5%
Luton Road between Fox Hill Road and High Street Kimpton)	364	439	451	12	2.7%	587	634	47	8.0%	690	709	19	2.8%
B652 High Street (Kimpton) between Luton Road and Claggy Road	573	648	656	8	1.2%	799	809	10	1.2%	897	881	-17	-1.8%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
B652 High Street (Kimpton) between Claggy Road and Hitchin Road	444	561	568	7	1.2%	722	728	7	0.9%	827	808	-18	-2.2%
B651 High Street (Kimpton) between B652 High Street (Kimpton) and Ballslough Hill	337	438	443	5	1.1%	557	561	4	0.8%	638	617	-22	-3.4%
Stony Lane between Durley Road and Brick Kiln Lane	41	80	98	18	22.0%	201	250	49	24.5%	245	358	113	46.2%
Stony Lane between Brick Kiln Lane and Lilley Bottom	99	150	167	17	11.6%	298	367	69	23.3%	357	486	129	36.1%
The Road near Lodge Farm between Stony Lane and King's Walden Road	133	177	199	22	12.6%	337	414	77	22.8%	379	526	147	38.8%
Brick Kiln Lane between Stony Lane and Chalk Hill	63	79	78	-1	-1.3%	110	137	27	24.7%	126	152	25	20.1%
Luton Road between Elmtree Avenue and Hedley Rise	254	330	349	18	5.6%	391	509	118	30.3%	422	615	193	45.7%
Chalk Hill between Brick Kiln Lane and Lilley Bottom	134	196	217	21	10.6%	231	328	96	41.6%	246	421	175	71.3%
Lilley Bottom between Church Road and Stony Lane	104	129	137	8	6.4%	234	279	44	19.0%	247	312	65	26.3%
Lilley Bottom between Stony Lane and Chalk Hill	99	107	111	4	3.8%	160	170	10	6.3%	173	189	16	9.1%
Lilley Bottom between Chalk Hill and Luton White Hill	233	302	327	25	8.2%	392	498	106	27.2%	419	610	191	45.6%
Lilley Bottom between Luton White Hill and Hollybush Hill	233	302	327	25	8.2%	392	498	106	27.2%	419	610	191	45.6%
Lilley Bottom between Hollybush Hill and A505 eastbound Off-slip road	510	657	667	10	1.5%	765	866	102	13.3%	797	958	160	20.1%
Hexton Road between East Street and Streatley Road	479	664	679	16	2.4%	774	858	84	10.9%	804	950	146	18.2%

Rural roads to west and south of the airport

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
B653 Lower Harpenden Road between West Hyde Road and Parkway Road	1,240	1,478	1,453	-26	-1.7%	1,589	1,614	25	1.6%	1,620	1,616	-5	-0.3%
B653 Lower Harpenden Road between Westfield Road and W Hyde Road	1,305	1,540	1,525	-15	-1.0%	1,684	1,691	7	0.4%	1,699	1,721	22	1.3%
Chiltern Green Road between B653 Lower Harpenden Road and Kimpton Road	296	374	389	14	3.8%	541	597	56	10.3%	619	676	57	9.2%
B653 Lower Harpenden Road between Station Road and Westfield Road	1,110	1,257	1,251	-6	-0.5%	1,376	1,355	-21	-1.5%	1,367	1,349	-18	-1.3%
Newlands Road between Markyate Road and A1081 London Road	1,128	1,241	1,231	-10	-0.8%	1,234	1,291	57	4.7%	1,230	1,240	10	0.8%
B4540 Church Road between Front Street and Newlands Road	540	583	557	-26	-4.5%	553	545	-8	-1.5%	561	513	-48	-8.6%
Front Street between Pepsal End Road and A1081 London Road	240	296	299	3	1.1%	388	384	-4	-1.0%	409	476	67	16.5%
Front Street between Markyate Road and Pepsal End Road	298	315	321	6	1.9%	405	400	-5	-1.3%	419	487	68	16.1%
B4540 Newlands Road between Markyate Road and Luton Road	796	847	866	19	2.3%	868	937	69	8.0%	858	922	65	7.5%
Luton Road between Newlands Road and Chaul End Road	1,285	1,357	1,399	42	3.1%	1,505	1,571	67	4.4%	1,528	1,595	67	4.4%
Airport roads													
Airport Way between Mid Term Car Park access and Central Terminal Area	1,137	1,504	1,634	130	8.7%	1,501	1,383	-118	-7.9%	1,501	1,396	-104	-7.0%
Airport Way between Percival Way and Mid Term Car Park Access	1,234	1,633	1,775	142	8.7%	1,630	1,502	-128	-7.9%	1,629	1,516	-113	-7.0%

Road Link	2016 (AM peak)	2027 (AM peak)				2039 (AM peak)				2043 (AM peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A1081 New Airport Way between AAR and Percival Way	1,953	2,519	2,292	-227	-9.0%	2,617	1,288	-1,329	-50.8%	2,634	1,137	-1,498	-56.9%
Eaton Green Road link	No link	No link	No link	n/a	n/a	No link	1,018	n/a	n/a	No link	1,176	n/a	n/a
Access road to Terminal 2 from AAR	No link	No link	No link	n/a	n/a	No link	475	n/a	n/a	No link	882	n/a	n/a
CPAR Link between President Way and Eaton Green Road link	No link	No link	No link	n/a	n/a	No link	1,418	n/a	n/a	No link	2,008	n/a	n/a
President Way between Car Rental and Frank Lester Way (AAR in DS)	874	1,020	1,192	172	16.9%	1,018	1,460	441	43.3%	1,019	2,008	989	97.1%
AAR between Provost Way and Frank Lester Way	No link	No link	No link	n/a	n/a	No link	1,384	n/a	n/a	No link	1,887	n/a	n/a
AAR between A1081 New Airport Way and Provost Way	No link	No link	No link	n/a	n/a	No link	1,492	n/a	n/a	No link	1,932	n/a	n/a
Percival Way between Airport Way and Prospect Way	1,198	1,122	822	-300	-26.7%	1,200	223	-977	-81.4%	1,217	81	-1,137	-93.4%
Percival Way between Prospect Way and Provost Way	1,217	1,378	1,055	-324	-23.5%	1,471	126	-1,345	-91.4%	1,487	117	-1,370	-92.1%
Frank Lester Way between Percival Way and Eaton Green Road	1,240	1,185	1,092	-93	-7.8%	1,268	180	-1,089	-85.8%	1,296	203	-1,093	-84.4%

Table 1.3: Selected PM peak flows

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Access route to and from the M1													
A1081 New Airport Way between AAR and Percival Way	2,042	2,444	2,215	-229	-9.4%	2,527	1,070	-1,457	-57.7%	2,697	1,067	-1,630	-60.4%
A1081 New Airport Way between A505 Airport Way and Percival Way	2,042	2,444	2,215	-229	-9.4%	2,527	2,552	25	1.0%	2,697	2,907	210	7.8%
A1081 New Airport Way between A505 Airport Way and link to Lower Harpenden Road	4,197	4,559	4,615	57	1.2%	4,782	5,071	289	6.0%	5,025	5,470	445	8.9%
Link Road between A1081 to B653	835	964	1,168	204	21.2%	992	1,503	511	51.6%	1,097	1,416	319	29.1%
A1081 New Airport Way between Capability Green Estate and B653	4,527	5,086	5,252	167	3.3%	5,289	5,921	632	11.9%	5,584	6,179	595	10.7%
Slip road to Capability Green Estate from A1081 New Airport Way WB	141	159	152	-7	-4.3%	177	157	-20	-11.3%	183	256	73	39.7%
Slip road from Capability Green Estate to A1081 New Airport Way EB	465	521	525	4	0.8%	463	522	59	12.8%	470	536	65	13.9%
A1081 New Airport Way between Capability Green Estate slip roads	3,921	4,407	4,576	169	3.8%	4,649	5,242	593	12.7%	4,931	5,388	457	9.3%
Slip road from Capability Green Estate to A1081 New Airport Way WB	778	862	856	-7	-0.8%	962	911	-51	-5.3%	995	1,020	24	2.4%
Slip road to Capability Green Estate from A1081 New Airport Way EB	243	285	292	7	2.5%	294	319	25	8.6%	298	325	27	9.1%
A1081 New Airport Way between A1081 London Road and Capability Green Estate	4,943	5,553	5,723	170	3.1%	5,904	6,472	567	9.6%	6,224	6,733	508	8.2%
Slip road to A1081 London Road from A1081 New Airport Way WB	820	985	972	-13	-1.3%	1,113	998	-115	-10.3%	993	1,011	18	1.8%
Slip road from A1081 London Road to A1081 New Airport Way EB	489	646	622	-24	-3.8%	691	635	-56	-8.1%	671	629	-42	-6.3%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A1081 New Airport Way between London Road slip roads	3,633	3,921	4,129	208	5.3%	4,100	4,839	739	18.0%	4,559	5,093	534	11.7%
Slip road from A1081 London Road to A1081 New Airport Way WB	526	716	691	-25	-3.5%	680	1,226	546	80.2%	1,293	1,271	-22	-1.7%
Slip road to A1081 London Road from A1081 New Airport Way EB	597	874	762	-111	-12.7%	917	864	-53	-5.8%	961	786	-175	-18.2%
A1081 New Airport Way between M1 Jct. 10 and A1081 London Road	4,757	5,512	5,582	71	1.3%	5,698	6,929	1,231	21.6%	6,813	7,150	337	4.9%
M1 Jct. 10 southbound on-slip road	1,704	1,650	1,647	-3	-0.2%	1,386	2,573	1,187	85.7%	1,547	2,798	1,250	80.8%
M1 Jct. 10 northbound off-slip road	1,378	1,476	1,512	35	2.4%	1,483	1,543	60	4.0%	1,547	1,609	62	4.0%
M1 Jct. 10 roundabout (west side)	2,283	2,798	2,846	48	1.7%	2,852	3,093	241	8.5%	3,032	3,161	129	4.2%
M1 Jct. 10 roundabout (northern overbridge)	1,379	1,464	1,509	45	3.1%	1,491	1,560	69	4.7%	1,549	1,630	80	5.2%
M1 Jct. 10 roundabout (southern overbridge)	905	1,323	1,334	12	0.9%	1,368	1,549	181	13.2%	1,485	1,551	66	4.5%
M1 between Jct. 9 and Jct. 10	12,140	13,445	13,523	78	0.6%	14,226	14,860	635	4.5%	15,477	15,682	205	1.3%
M1 between Jct. 8 and Jct. 9	12,053	13,620	13,727	107	0.8%	14,663	14,892	228	1.6%	15,376	15,558	183	1.2%
M1 Jct. 10 northbound on-slip road	905	1,334	1,336	3	0.2%	1,361	1,533	172	12.6%	1,483	1,531	48	3.2%
M1 Jct. 10 southbound off-slip road	766	1,075	1,092	17	1.6%	1,177	1,247	70	5.9%	1,186	1,171	-15	-1.3%
M1 between Jct. 10 and Jct. 11	10,728	12,673	12,737	64	0.5%	13,577	13,525	-52	-0.4%	14,004	13,979	-25	-0.2%
M1 within Jct. 11	8,078	10,162	10,217	55	0.5%	11,043	10,977	-66	-0.6%	11,399	11,383	-16	-0.1%
M1 between Jct. 11 and Jct. 11A	9,116	11,499	11,572	73	0.6%	12,542	12,492	-49	-0.4%	12,927	12,962	35	0.3%
Access route to and from the A1(M)													
Airport Way between A505 Vauxhall Way and London Luton Roundabout	390	372	369	-3	-0.7%	320	669	349	108.8%	386	711	325	84.4%
A505 Vauxhall Way between Kimpton Road and Eaton Green Road	2,472	2,863	3,176	312	10.9%	3,036	3,258	222	7.3%	3,122	3,436	314	10.1%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A505 Vauxhall Way between Eaton Green Road and	2,281	2,490	2,644	154	6.2%	2,583	3,031	448	17.3%	2,674	3,122	448	16.7%
A505 Vauxhall Way between A5228 Hitchin Road and Crawley Green Road	1,680	1,877	1,871	-6	-0.3%	1,977	2,234	257	13.0%	2,116	2,317	201	9.5%
A505 Stopsley Way between Vauxhall Way and Hitchin Road	3,227	3,759	3,730	-30	-0.8%	3,897	4,033	136	3.5%	4,030	4,102	72	1.8%
A505 Stopsley Way between Hitchin Road and Ashcroft Road	2,835	3,115	3,056	-59	-1.9%	3,243	3,373	130	4.0%	3,396	3,385	-11	-0.3%
A505 Hitchin Road between Ashcroft Road and Lothair Road	2,597	2,864	2,807	-57	-2.0%	3,063	3,145	83	2.7%	3,180	3,193	13	0.4%
A505 Hitchin Road between Lothair Road and Butterfield Green Road	2,597	2,864	2,807	-57	-2.0%	3,063	3,145	83	2.7%	3,180	3,193	13	0.4%
A505 Hitchin Road between Butterfield Green Road and Mount Grace Road	2,476	2,747	2,692	-55	-2.0%	2,971	3,071	101	3.4%	3,101	3,121	20	0.6%
A505 Hitchin Road between Mount Grace Road and Great Marlings	2,285	2,555	2,503	-52	-2.1%	2,784	2,883	99	3.5%	2,912	2,932	21	0.7%
A505 Beech Hill between Great Marlings and Lilley Bottom	2,180	2,405	2,355	-51	-2.1%	2,598	2,708	109	4.2%	2,718	2,755	37	1.4%
A505 between Lilley Bottom Interchange eastbound off-slip road and Lilley Bottom Interchange westbound on-slip road	1,944	2,045	2,047	2	0.1%	2,250	2,304	53	2.4%	2,362	2,324	-38	-1.6%
A505 eastbound off-slip road to Lilley Bottom	236	361	308	-53	-14.6%	348	404	56	16.1%	356	431	75	21.0%
A505 between Lilley Bottom Interchange westbound on-slip road and Offley Hill	1,816	1,897	1,904	6	0.3%	2,066	2,114	48	2.3%	2,165	2,123	-42	-1.9%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A505 between Offley Hill and Carters Lane	1,930	2,033	2,040	7	0.3%	2,231	2,339	108	4.8%	2,348	2,437	89	3.8%
A505 between Carters Lane and Willow Lane	2,058	2,217	2,232	15	0.7%	2,405	2,573	168	7.0%	2,490	2,662	173	6.9%
A505 Moormead Hill between Willow Lane and Pirton Road	811	914	922	8	0.9%	1,037	1,202	165	15.9%	1,089	1,279	191	17.5%
Willow Lane/Charlton Road between A505 Moormead Hill and A602 Park Way	1,249	1,332	1,339	7	0.6%	1,400	1,407	7	0.5%	1,433	1,420	-14	-0.9%
A505 Upper Tilehouse Street between Pirton Road and Grays Lane	1,447	1,633	1,639	5	0.3%	1,851	2,030	179	9.6%	1,925	2,124	198	10.3%
A505 Upper Tilehouse Street between Grays Lane and A 602 Park Way	1,526	1,718	1,724	6	0.3%	1,939	2,119	180	9.3%	2,014	2,213	200	9.9%
A602 Park Way between Upper Tilehouse Street and Charlton Road	1,318	1,364	1,365	1	0.1%	1,371	1,395	24	1.8%	1,339	1,407	68	5.1%
A602 Park Way between Charlton Road and B656 Hitchin Hill	2,632	2,736	2,745	8	0.3%	2,811	2,834	23	0.8%	2,815	2,859	45	1.6%
B656 London Road	907	834	811	-22	-2.7%	758	759	1	0.2%	768	737	-31	-4.0%
Gosmore Road	151	164	165	1	0.6%	174	175	1	0.4%	179	180	1	0.3%
B656 Hitchin Hill	383	494	499	5	1.0%	597	554	-43	-7.2%	527	582	55	10.4%
A602 Stevenage Road between B656 Hitchin Hill and Blackhorse Lane	2,108	2,138	2,137	-1	0.0%	2,144	2,287	144	6.7%	2,190	2,295	105	4.8%
A602 Stevenage Road between Blackhorse Lane and Whitehill Road	2,155	2,220	2,222	2	0.1%	2,264	2,395	131	5.8%	2,312	2,408	96	4.2%
A602 Stevenage Road between Whitehill Road and Stevenage Road	2,901	3,005	3,018	13	0.4%	3,067	3,107	41	1.3%	3,092	3,117	25	0.8%
A602 Little Wymondley Bypass between junction with Stevenage Road and A1(M) Jct. 8	2,808	2,924	2,938	14	0.5%	3,000	3,044	44	1.5%	3,041	3,053	13	0.4%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A1(M) Jct. 8 Northbound on-slip road	1,718	1,714	1,703	-11	-0.7%	1,696	1,699	2	0.1%	1,697	1,695	-2	-0.1%
A1(M) Jct. 8 Southbound off-slip road	851	703	709	6	0.8%	685	691	6	0.9%	695	700	6	0.8%
Other A roads													
A505 Kimpton Road between Vauxhall Way and Vauxhall access roundabout	884	1,491	1,206	-284	-19.1%	1,827	1,482	-345	-18.9%	1,924	1,547	-377	-19.6%
A505 Kimpton Road between Vauxhall access roundabout and Windmill Road	949	1,608	1,415	-193	-12.0%	2,022	1,788	-234	-11.6%	2,023	1,899	-124	-6.1%
A505 Windmill Road between Manor Road and BWI Group Access	1,699	2,238	1,968	-271	-12.1%	2,433	2,153	-280	-11.5%	2,463	2,098	-366	-14.8%
A6 Crawley Green Road between St Mary's Road and Crescent Road	1,684	1,695	1,840	146	8.6%	1,791	1,743	-47	-2.7%	1,836	1,666	-170	-9.2%
A505 Park Viaduct between Windmill Road and Cumberland Street	2,316	2,388	2,291	-97	-4.0%	2,477	2,341	-136	-5.5%	2,442	2,372	-70	-2.9%
A505 Chapel Viaduct between Castle Street and Hatters Way	3,991	3,955	3,976	21	0.5%	3,955	3,933	-22	-0.5%	3,952	3,914	-38	-1.0%
A6 Crescent Road between A505 Hitchin Road and Crawley Green Road	164	297	305	8	2.6%	352	337	-15	-4.3%	376	352	-25	-6.6%
A6 Hucklesby Way between New Bedford Way and A505 Hitchin Road	1,124	1,257	1,264	7	0.5%	1,332	1,344	13	0.9%	1,353	1,372	19	1.4%
A6 New Bedford Road between Telford Way and Stockingstone Road	1,167	1,165	1,178	14	1.2%	1,250	1,262	12	0.9%	1,279	1,296	18	1.4%
A5228 Hitchin Road between Bamridge Road and Vauxhall Way	2,476	1,286	1,342	56	4.4%	1,419	1,460	41	2.9%	1,529	1,608	79	5.1%
A5228 Hitchin Road between Stockingstone Road and Bamridge Road	2,594	1,210	1,260	50	4.1%	1,339	1,370	32	2.4%	1,447	1,517	70	4.8%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
A5228 Stockingstone Road between New Bedford Road and A505 Hitchin Road	1,949	1,275	1,323	48	3.8%	1,439	1,457	18	1.2%	1,547	1,613	66	4.3%
A5228 Montrose Avenue	671	706	701	-5	-0.6%	741	733	-8	-1.0%	754	724	-30	-4.0%
A6 New Bedford Road between Stockingstone Road and Barton Road	1,651	1,652	1,670	18	1.1%	1,720	1,729	10	0.6%	1,750	1,766	16	0.9%
A6 New Bedford Road between Kingsdown Avenue and Barnfield Avenue	1,452	1,459	1,470	11	0.8%	1,518	1,529	11	0.7%	1,546	1,558	11	0.7%
A1081 London Road between Airport Way slip roads	1,298	2,072	2,070	-3	-0.1%	2,165	2,238	73	3.4%	2,379	2,288	-91	-3.8%
A1081 London Road between Roundabout and Newlands Road	1,635	2,151	2,185	34	1.6%	2,340	1,979	-361	-15.4%	2,053	1,994	-60	-2.9%
A1081 London Road between Newlands Road and Beech Tree Dr	1,250	1,859	1,894	35	1.9%	2,047	1,715	-332	-16.2%	1,762	1,701	-61	-3.5%
A1081 Luton Road between A1081 London Road and W Hyde Road	1,552	2,151	2,190	40	1.8%	2,366	2,034	-332	-14.0%	2,047	2,029	-18	-0.9%
A1081 Luton Road between West Hyde Road and The Common Lane	1,132	1,236	1,240	4	0.3%	1,264	1,228	-37	-2.9%	1,245	1,207	-38	-3.1%
A1081 Luton Road between The Common Lane and Sun Lane	945	1,034	1,038	5	0.5%	1,083	1,033	-50	-4.6%	1,053	1,024	-29	-2.7%
Other urban local roads													
Eaton Green Road between Vauxhall Avenue and Brendon Avenue	1,322	1,584	2,015	431	27.2%	1,584	2,015	431	27.2%	1,584	2,015	431	27.2%
Eaton Green Road between Brendon Avenue and Mistletoe Hill	1,266	1,282	1,537	254	19.8%	1,282	1,537	254	19.8%	1,282	1,537	254	19.8%
Eaton Green Road between Mistletoe Hill and Frank Lester Way	1,075	878	1,110	232	26.5%	878	1,110	232	26.5%	878	1,110	232	26.5%
Eaton Green Road between Frank Lester Way and Lalleford Road	1,110	1,228	1,190	-37	-3.1%	1,228	1,190	-37	-3.1%	1,228	1,190	-37	-3.1%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Eaton Green Road between Lalleford Road and Wigmore Lane	1,108	1,230	1,190	-39	-3.2%	1,230	1,190	-39	-3.2%	1,230	1,190	-39	-3.2%
Eaton Green Road between Lalleford Road and Wigmore Lane	1,108	1,230	1,190	-39	-3.2%	1,230	1,190	-39	-3.2%	1,230	1,190	-39	-3.2%
Eaton Green Road between Wigmore Lane and Colwell Rise	643	709	732	23	3.2%	709	732	23	3.2%	709	732	23	3.2%
Eaton Green Road between Colwell Rise and Darley Road	354	393	428	35	8.8%	393	428	35	8.8%	393	428	35	8.8%
Wigmore Lane between Eaton Green Road and Wigmore Park District Centre access	834	924	879	-46	-5.0%	924	879	-46	-5.0%	924	879	-46	-5.0%
Wigmore Lane between Wigmore Park District Centre access and Twyford Drive	834	924	879	-46	-5.0%	924	879	-46	-5.0%	924	879	-46	-5.0%
Wigmore Lane between Crawley Green Road and Twyford Dr	943	967	948	-19	-2.0%	967	948	-19	-2.0%	967	948	-19	-2.0%
Wigmore Lane between Crawley Green Road and Handcross Road	1,288	1,410	1,406	-4	-0.3%	1,410	1,406	-4	-0.3%	1,410	1,406	-4	-0.3%
Wigmore Lane between Handcross Road and Buckingham Drive	1,246	1,328	1,327	-1	-0.1%	1,328	1,327	-1	-0.1%	1,328	1,327	-1	-0.1%
Wigmore Lane between Buckingham Drive and Hayling Drive	1,271	1,341	1,340	-1	-0.1%	1,341	1,340	-1	-0.1%	1,341	1,340	-1	-0.1%
Wigmore Lane between Hayling Drive and Sowerby Avenue	1,300	1,344	1,350	7	0.5%	1,344	1,350	7	0.5%	1,344	1,350	7	0.5%
Wigmore Lane between Sowerby Avenue and Green Lane	979	988	1,013	24	2.5%	988	1,013	24	2.5%	988	1,013	24	2.5%
Wigmore Lane between Green Lane and Ashcroft Road	1,020	1,029	1,037	9	0.9%	1,029	1,037	9	0.9%	1,029	1,037	9	0.9%
Ashcroft Road between Wigmore Lane and A505 Hitchin Road	1,079	1,119	1,145	26	2.4%	1,119	1,145	26	2.4%	1,119	1,145	26	2.4%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Lalleford Road between Eaton Green Road and Lyneham Road	28	31	35	3	10.4%	31	35	3	10.4%	31	35	3	10.4%
Lalleford Road between Lyneham Road and Crawley Green Road	108	277	326	49	17.7%	277	326	49	17.7%	277	326	49	17.7%
Ashcroft Road between Crawley Green Road and Marshall Road	480	474	452	-22	-4.6%	474	452	-22	-4.6%	474	452	-22	-4.6%
Ashcroft Road between Marshall Road and Turnners Road North	480	474	452	-22	-4.6%	474	452	-22	-4.6%	474	452	-22	-4.6%
Ashcroft Road between Turners Road North and Hallwicks Road	375	350	342	-7	-2.0%	350	342	-7	-2.0%	350	342	-7	-2.0%
Ashcroft Road between Hallwicks Road and Wigmore Lane	375	350	342	-7	-2.0%	350	342	-7	-2.0%	350	342	-7	-2.0%
Brendon Avenue between Eaton Green Road and Fermor Crescent	106	133	135	3	2.1%	133	135	3	2.1%	133	135	3	2.1%
Brendon Avenue between Fermor Crescent and Crawley Green Road	144	132	140	8	6.3%	132	140	8	6.3%	132	140	8	6.3%
Crawley Green Road between Durham Road and Devon Road	1,253	1,211	1,437	226	18.7%	1,211	1,437	226	18.7%	1,211	1,437	226	18.7%
Crawley Green Road between Vauxhall Avenue and Brendon Avenue	1,803	1,565	1,622	57	3.6%	1,565	1,622	57	3.6%	1,565	1,622	57	3.6%
Crawley Green Road between Brendon Avenue and Dovehouse Hill	1,721	1,514	1,575	61	4.0%	1,514	1,575	61	4.0%	1,514	1,575	61	4.0%
Crawley Green Road between Dovehouse Hill and Burnham Road	1,522	1,312	1,376	64	4.9%	1,312	1,376	64	4.9%	1,312	1,376	64	4.9%
Crawley Green Road between Burnham Road and Ashcroft Road	1,522	1,312	1,376	64	4.9%	1,312	1,376	64	4.9%	1,312	1,376	64	4.9%
Crawley Green Road between Ashcroft Road and Lalleford Road	1,126	927	1,017	91	9.8%	927	1,017	91	9.8%	927	1,017	91	9.8%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Crawley Green Road between Lalleford Road and Buckingham Drive	1,153	1,148	1,268	120	10.4%	1,148	1,268	120	10.4%	1,148	1,268	120	10.4%
Crawley Green Road between Buckingham Drive and Wigmore Lane	1,153	1,148	1,268	120	10.4%	1,148	1,268	120	10.4%	1,148	1,268	120	10.4%
Crawley Green Road between Wigmore Lane and Rochford Drive	524	589	684	96	16.2%	589	684	96	16.2%	589	684	96	16.2%
Crawley Green Road between Rochford Drive and Hedley Rise	421	481	578	97	20.2%	481	578	97	20.2%	481	578	97	20.2%
Hedley Rise	282	275	278	3	1.1%	275	278	3	1.1%	275	278	3	1.1%
Hailing Drive	403	425	424	-1	-0.2%	425	424	-1	-0.2%	425	424	-1	-0.2%
Colwell Rise	323	355	348	-7	-2.0%	355	348	-7	-2.0%	355	348	-7	-2.0%
B653 Windmill Road between Kimpton Road and Osborne Road	1,507	1,877	2,061	184	9.8%	1,877	2,061	184	9.8%	1,877	2,061	184	9.8%
B653 Gypsy Lane between Osborne Road and Luton Retail Park access	1,405	1,687	1,836	149	8.8%	1,687	1,836	149	8.8%	1,687	1,836	149	8.8%
B653 Gypsy Lane between Luton Retail Park access and link to A1081	1,410	1,687	1,841	154	9.1%	1,687	1,841	154	9.1%	1,687	1,841	154	9.1%
St Mary's Road between Park Viaduct and Church Street	532	719	724	6	0.8%	719	724	6	0.8%	719	724	6	0.8%
Church Street between St Mary's Road and John Street	590	778	783	5	0.7%	778	783	5	0.7%	778	783	5	0.7%
Church Street between John Street and Crescent Road	757	951	965	14	1.4%	951	965	14	1.4%	951	965	14	1.4%
B4540 Farley Hill between Newlands Road and A505	1,010	1,235	1,328	93	7.5%	1,235	1,328	93	7.5%	1,235	1,328	93	7.5%
Rural roads to east and north of the airport													
Darley Road between Brick Kiln Lane and Mill Way	327	354	383	28	8.0%	366	381	16	4.3%	360	427	66	18.5%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Church Road between The Heath and Lilley Bottom	230	244	266	22	9.0%	291	298	7	2.5%	300	338	38	12.8%
Church Road between Lilley Bottom Road and Whitehall Lane	127	112	117	5	4.4%	113	116	2	2.2%	113	99	-14	-12.2%
Parsonage Lane/Church Lane/Back Lane (Preston) between Whitehall Road and School Lane	187	195	207	11	5.9%	237	257	20	8.5%	250	299	49	19.5%
Lilley Bottom Road between Church Road and Bendish Lane	157	180	202	22	11.9%	252	247	-5	-2.0%	261	305	44	16.7%
Lilley Bottom Road (Whitwell) between Bendish Lane and B651 Horn Hill	163	187	208	21	11.5%	260	255	-5	-1.9%	269	313	43	16.1%
B651 High Street (Whitwell) between B651 Horn Hill and B651 Hitchin Road	327	361	384	23	6.5%	452	454	2	0.4%	467	524	57	12.3%
Codicote Road between B651 Hitchin Road and B656 Hitchin Road (Codicote)	142	162	184	22	13.4%	230	230	-0	0.0%	238	282	44	18.3%
The Heath/Heath Road between Church Road and Oxford Road	224	286	310	23	8.2%	344	395	52	15.0%	349	417	67	19.3%
Chapel Road between Oxford Road and Baileys Lane	208	266	295	29	10.9%	327	404	77	23.4%	336	429	93	27.5%
Lye Hill/Chiltern Green Road between Baileys Lane and Kimpton Road	67	87	98	11	12.8%	116	172	55	47.6%	125	186	61	48.4%
Kimpton Road between Chiltern Green Road and Fox Hill Road	264	370	363	-7	-1.9%	449	491	42	9.4%	479	511	32	6.6%
Luton Road between Fox Hill Road and High Street Kimpton)	398	543	554	11	2.0%	652	715	63	9.7%	682	745	64	9.3%
B652 High Street (Kimpton) between Luton Road and Claggy Road	486	607	602	-5	-0.9%	705	748	43	6.1%	742	777	35	4.7%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
B652 High Street (Kimpton) between Claggy Road and Hitchin Road	465	584	578	-6	-1.0%	684	726	42	6.1%	718	749	32	4.4%
B651 High Street (Kimpton) between B652 High Street (Kimpton) and Ballslough Hill	359	471	464	-7	-1.6%	555	589	34	6.1%	583	599	16	2.7%
Stony Lane between Durley Road and Brick Kiln Lane	33	51	59	8	15.6%	96	135	39	40.7%	104	262	158	151.9%
Stony Lane between Brick Kiln Lane and Lilley Bottom	86	120	139	19	15.6%	198	231	33	16.9%	210	373	162	77.2%
The Road near Lodge Farm between Stony Lane and King's Walden Road	136	176	183	7	3.7%	232	273	41	17.5%	248	412	164	66.2%
Brick Kiln Lane between Stony Lane and Chalk Hill	59	81	94	13	15.5%	117	120	2	1.9%	120	135	15	12.6%
Luton Road between Elmtree Avenue and Hedley Rise	262	335	432	97	29.0%	468	492	24	5.0%	502	568	66	13.1%
Chalk Hill between Brick Kiln Lane and Lilley Bottom	111	154	241	88	57.1%	252	280	28	11.0%	281	339	59	20.9%
Lilley Bottom between Church Road and Stony Lane	134	167	181	14	8.2%	271	271	0	0.1%	278	295	16	5.9%
Lilley Bottom between Stony Lane and Chalk Hill	135	149	148	-1	-0.4%	206	200	-6	-2.9%	212	205	-8	-3.6%
Lilley Bottom between Chalk Hill and Luton White Hill	246	302	390	87	28.8%	458	480	22	4.8%	493	544	51	10.3%
Lilley Bottom between Luton White Hill and Hollybush Hill	246	302	390	87	28.8%	458	480	22	4.8%	493	544	51	10.3%
Lilley Bottom between Hollybush Hill and A505 eastbound Off-slip road	382	469	563	94	20.1%	631	669	38	6.1%	663	716	53	8.0%
Hexton Road between East Street and Streatley Road	456	657	695	38	5.7%	787	830	44	5.6%	821	919	98	11.9%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Rural roads to west and south of the airport													
B653 Lower Harpenden Road between West Hyde Road and Parkway Road	1,285	1,512	1,542	29	1.9%	1,677	1,703	27	1.6%	1,598	1,720	122	7.6%
B653 Lower Harpenden Road between Westfield Road and W Hyde Road	1,186	1,391	1,405	14	1.0%	1,530	1,551	22	1.4%	1,522	1,568	46	3.0%
Chiltern Green Road between B653 Lower Harpenden Road and Kimpton Road	331	457	461	4	0.9%	565	663	98	17.3%	604	697	92	15.3%
B653 Lower Harpenden Road between Station Road and Westfield Road	949	1,109	1,094	-16	-1.4%	1,224	1,200	-23	-1.9%	1,218	1,188	-30	-2.5%
Newlands Road between Markyate Road and A1081 London Road	1,003	1,149	1,171	23	2.0%	1,324	1,267	-57	-4.3%	1,283	1,337	53	4.2%
B4540 Church Road between Front Street and Newlands Road	362	402	385	-17	-4.1%	429	377	-52	-12.2%	401	355	-45	-11.3%
Front Street between Pepsal End Road and A1081 London Road	207	235	239	4	1.6%	256	293	37	14.4%	288	306	17	6.0%
Front Street between Markyate Road and Pepsal End Road	297	317	319	2	0.6%	337	338	1	0.3%	301	350	49	16.3%
B4540 Newlands Road between Markyate Road and Luton Road	779	874	915	41	4.7%	1,022	1,019	-3	-0.3%	1,011	1,113	103	10.2%
Luton Road between Newlands Road and Chaul End Road	1,344	1,514	1,601	88	5.8%	1,702	1,761	59	3.4%	1,736	1,914	177	10.2%
Airport roads													
Airport Way between Mid Term Car Park access and Central Terminal Area	1,361	1,273	1,547	274	21.5%	1,267	1,193	-74	-5.8%	1,266	1,179	-87	-6.9%

Road Link	2016 (PM Peak)	2027 (PM Peak)				2039 (PM Peak)				2043 (PM Peak)			
	Base	DM	DS	Change	Change	DM	DS	Change	Change	DM	DS	Change	Change
Airport Way between Percival Way and Mid Term Car Park Access	1,476	1,382	1,679	297	21.5%	1,375	1,295	-80	-5.8%	1,374	1,279	-94	-6.9%
A1081 New Airport Way between AAR and Percival Way	2,042	2,444	2,215	-229	-9.4%	2,527	1,070	-1,457	-57.7%	2,697	1,067	-1,630	-60.4%
Eaton Green Road link	No link	No link	No link	n/a	n/a	No link	673	n/a	n/a	No link	1,160	n/a	n/a
Access road to Terminal 2 from AAR	No link	No link	No link	n/a	n/a	No link	407	n/a	n/a	No link	742	n/a	n/a
CPAR Link between President Way and Eaton Green Road link	No link	No link	No link	n/a	n/a	No link	1,090	n/a	n/a	No link	2,072	n/a	n/a
President Way between Car Rental and Frank Lester Way (AAR in DS)	800	876	1,040	165	18.8%	874	1,341	467	53.4%	875	2,072	1,197	136.9%
AAR between Provost Way and Frank Lester Way	No link	No link	No link	n/a	n/a	No link	1,544	n/a	n/a	No link	1,989	n/a	n/a
AAR between A1081 New Airport Way and Provost Way	No link	No link	No link	n/a	n/a	No link	1,558	n/a	n/a	No link	1,944	n/a	n/a
Percival Way between Airport Way and Prospect Way	1,190	1,248	902	-346	-27.7%	1,381	79	-1,301	-94.2%	1,494	79	-1,415	-94.7%
Percival Way between Prospect Way and Provost Way	1,196	1,456	942	-513	-35.3%	1,586	172	-1,414	-89.2%	1,699	183	-1,516	-89.2%
Frank Lester Way between Percival Way and Eaton Green Road	1,153	1,367	1,405	39	2.8%	1,503	706	-797	-53.0%	1,623	461	-1,163	-71.6%

Table 1.4: Flow changes on the selected links

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
Access route to and from the M1									
A1081 New Airport Way between AAR and Percival Way	-2.8%	-9.0%	-9.4%	-39.1%	-50.8%	-57.7%	-42.0%	-56.9%	-60.4%
A1081 New Airport Way between A505 Airport Way and Percival Way	-2.8%	-9.0%	-9.4%	10.7%	-0.4%	1.0%	24.7%	5.7%	7.8%
A1081 New Airport Way between A505 Airport Way and link to Lower Harpenden Road	6.3%	1.8%	1.2%	12.7%	6.4%	6.0%	20.2%	14.1%	8.9%
Link Road between A1081 to B653	14.1%	14.3%	21.2%	26.8%	29.7%	51.6%	20.0%	16.0%	29.1%
A1081 New Airport Way between Capability Green Estate and B653	5.4%	2.5%	3.3%	12.0%	6.6%	11.9%	16.6%	10.1%	10.7%
Slip road to Capability Green Estate from A1081 New Airport Way WB	-1.6%	-4.8%	-4.3%	-2.2%	-4.5%	-11.3%	3.1%	-5.5%	39.7%
Slip road from Capability Green Estate to A1081 New Airport Way EB	1.6%	9.8%	0.8%	6.1%	7.0%	12.8%	4.2%	-16.9%	13.9%
A1081 New Airport Way between Capability Green Estate slip roads	6.3%	3.5%	3.8%	13.8%	8.2%	12.7%	18.9%	13.2%	9.3%
Slip road from Capability Green Estate to A1081 New Airport Way WB	-1.4%	-10.1%	-0.8%	-3.8%	-4.1%	-5.3%	0.7%	10.4%	2.4%
Slip road to Capability Green Estate from A1081 New Airport Way EB	0.7%	1.4%	2.5%	2.1%	2.8%	8.6%	1.7%	1.7%	9.1%
A1081 New Airport Way between A1081 London Road and Capability Green Estate	5.0%	2.7%	3.1%	10.9%	6.9%	9.6%	15.4%	11.2%	8.2%
Slip road to A1081 London Road from A1081 New Airport Way WB	1.2%	-0.7%	-1.3%	-2.6%	-1.9%	-10.3%	6.2%	6.8%	1.8%
Slip road from A1081 London Road to A1081 New Airport Way EB	-2.5%	-2.6%	-3.8%	-4.2%	1.6%	-8.1%	0.4%	5.3%	-6.3%
A1081 New Airport Way between London Road slip roads	6.8%	4.2%	5.3%	15.5%	9.2%	18.0%	19.1%	12.8%	11.7%
Slip road from A1081 London Road to A1081 New Airport Way WB	-3.8%	-3.7%	-3.5%	12.3%	8.5%	80.2%	-3.6%	-3.5%	-1.7%

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
Slip road to A1081 London Road from A1081 New Airport Way EB	-10.1%	-9.9%	-12.7%	-12.4%	-13.7%	-5.8%	-16.8%	-7.2%	-18.2%
A1081 New Airport Way between M1 Jct. 10 and A1081 London Road	3.3%	1.6%	1.3%	11.4%	5.9%	21.6%	11.2%	8.1%	4.9%
M1 Jct. 10 southbound on-slip road	2.5%	0.4%	-0.2%	42.8%	30.5%	85.7%	11.6%	-0.7%	80.8%
M1 Jct. 10 northbound off-slip road	4.1%	3.4%	2.4%	8.4%	6.7%	4.0%	13.7%	15.6%	4.0%
M1 Jct. 10 roundabout (west side)	3.3%	2.6%	1.7%	8.3%	8.0%	8.5%	12.6%	14.0%	4.2%
M1 Jct. 10 roundabout (northern overbridge)	4.3%	3.4%	3.1%	8.6%	6.8%	4.7%	13.9%	15.7%	5.2%
M1 Jct. 10 roundabout (southern overbridge)	2.4%	0.9%	0.9%	8.1%	10.7%	13.2%	11.4%	11.0%	4.5%
M1 between Jct. 9 and Jct. 10	0.2%	0.4%	0.6%	1.6%	1.1%	4.5%	1.7%	1.7%	1.3%
M1 between Jct. 8 and Jct. 9	0.3%	0.4%	0.8%	0.9%	0.5%	1.6%	1.4%	1.2%	1.2%
M1 Jct. 10 northbound on-slip road	2.2%	0.9%	0.2%	8.0%	10.6%	12.6%	11.1%	11.0%	3.2%
M1 Jct. 10 southbound off-slip road	3.9%	1.2%	1.6%	7.3%	1.0%	5.9%	7.5%	2.5%	-1.3%
M1 between Jct. 10 and Jct. 11	0.0%	0.1%	0.5%	0.1%	0.2%	-0.4%	0.6%	0.3%	-0.2%
M1 within Jct. 11	0.1%	0.1%	0.5%	0.2%	0.2%	-0.6%	0.8%	0.2%	-0.1%
M1 between Jct. 11 and Jct. 11A	0.2%	0.3%	0.6%	0.3%	0.3%	-0.4%	0.8%	0.4%	0.3%
Access route to and from the A1(M)									
Airport Way between A505 Vauxhall Way and London Luton Roundabout	15.9%	1.7%	-0.7%	102.2%	90.1%	108.8%	125.7%	183.8%	84.4%
A505 Vauxhall Way between Kimpton Road and Eaton Green Road	7.4%	10.4%	10.9%	5.6%	7.1%	7.3%	5.1%	8.6%	10.1%
A505 Vauxhall Way between Eaton Green Road and	8.5%	6.5%	6.2%	13.0%	8.7%	17.3%	13.9%	10.8%	16.7%
A505 Vauxhall Way between A5228 Hitchin Road and Crawley Green Road	2.4%	1.5%	-0.3%	5.2%	7.4%	13.0%	4.7%	7.9%	9.5%
A505 Stopsley Way between Vauxhall Way and Hitchin Road	0.6%	0.5%	-0.8%	3.1%	5.2%	3.5%	1.5%	3.5%	1.8%
A505 Stopsley Way between Hitchin Road and Ashcroft Road	0.1%	-0.3%	-1.9%	2.4%	4.3%	4.0%	0.9%	3.3%	-0.3%
A505 Hitchin Road between Ashcroft Road and Lothair Road	0.2%	-0.4%	-2.0%	-0.1%	-4.2%	2.7%	-0.3%	-2.4%	0.4%

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
A505 Hitchin Road between Lothair Road and Butterfield Green Road	0.2%	-0.4%	-2.0%	-0.1%	-4.2%	2.7%	-0.3%	-2.4%	0.4%
A505 Hitchin Road between Butterfield Green Road and Mount Grace Road	0.3%	-0.4%	-2.0%	0.9%	0.8%	3.4%	0.5%	2.3%	0.6%
A505 Hitchin Road between Mount Grace Road and Great Marlings	0.3%	-0.4%	-2.1%	0.9%	0.9%	3.5%	0.5%	2.5%	0.7%
A505 Beech Hill between Great Marlings and Lilley Bottom	0.3%	-0.4%	-2.1%	1.2%	1.2%	4.2%	0.8%	2.9%	1.4%
A505 between Lilley Bottom Interchange eastbound off-slip road and Lilley Bottom Interchange westbound on-slip road	0.7%	-0.7%	0.1%	0.3%	1.3%	2.4%	0.1%	2.9%	-1.6%
A505 eastbound off-slip road to Lilley Bottom	-5.6%	8.0%	-14.6%	13.1%	-3.0%	16.1%	9.1%	2.1%	21.0%
A505 between Lilley Bottom Interchange westbound on-slip road and Offley Hill	0.8%	-1.2%	0.3%	0.2%	1.1%	2.3%	-0.1%	2.8%	-1.9%
A505 between Offley Hill and Carters Lane	0.8%	-0.7%	0.3%	1.8%	5.3%	4.8%	3.4%	9.7%	3.8%
A505 between Carters Lane and Willow Lane	0.6%	-0.7%	0.7%	-0.2%	2.7%	7.0%	0.9%	2.7%	6.9%
A505 Moormead Hill between Willow Lane and Pirton Road	0.8%	0.5%	0.9%	8.0%	-0.2%	15.9%	9.5%	-2.9%	17.5%
Willow Lane/Charlton Road between A505 Moormead Hill and A602 Park Way	0.4%	-2.4%	0.6%	-4.7%	8.8%	0.5%	-4.2%	10.6%	-0.9%
A505 Upper Tilehouse Street between Pirton Road and Grays Lane	0.6%	0.3%	0.3%	9.4%	6.1%	9.6%	11.0%	9.2%	10.3%
A505 Upper Tilehouse Street between Grays Lane and A 602 Park Way	0.6%	0.3%	0.3%	9.0%	6.0%	9.3%	10.5%	9.0%	9.9%
A602 Park Way between Upper Tilehouse Street and Charlton Road	0.5%	1.6%	0.1%	0.7%	-22.1%	1.8%	3.1%	-18.2%	5.1%
A602 Park Way between Charlton Road and B656 Hitchin Hill	0.5%	0.4%	0.3%	-2.4%	-10.1%	0.8%	-1.0%	-6.4%	1.6%
B656 London Road	-1.0%	-3.2%	-2.7%	-1.7%	18.4%	0.2%	-3.0%	11.4%	-4.0%
Gosmore Road	0.2%	0.3%	0.6%	0.5%	1.6%	0.4%	0.6%	1.6%	0.3%
B656 Hitchin Hill	0.7%	1.7%	1.0%	1.2%	13.8%	-7.2%	5.4%	11.7%	10.4%

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
A602 Stevenage Road between B656 Hitchin Hill and Blackhorse Lane	0.2%	-1.1%	0.0%	1.2%	1.2%	6.7%	1.9%	2.4%	4.8%
A602 Stevenage Road between Blackhorse Lane and Whitehill Road	0.2%	-1.2%	0.1%	1.0%	0.4%	5.8%	1.9%	2.2%	4.2%
A602 Stevenage Road between Whitehill Road and Stevenage Road	0.6%	0.2%	0.4%	0.4%	1.9%	1.3%	0.7%	0.9%	0.8%
A602 Little Wymondley Bypass between junction with Stevenage Road and A1(M) Jct. 8	0.7%	0.2%	0.5%	0.6%	3.4%	1.5%	0.7%	2.0%	0.4%
A1(M) Jct. 8 Northbound on-slip road	0.5%	0.9%	-0.7%	0.9%	-0.1%	0.1%	0.9%	-0.8%	-0.1%
A1(M) Jct. 8 Southbound off-slip road	0.3%	0.2%	0.8%	-1.2%	-2.1%	0.9%	0.4%	-1.0%	0.8%
Other A roads									
A505 Kimpton Road between Vauxhall Way and Vauxhall access roundabout	-11.1%	-8.7%	-19.1%	-7.9%	-4.1%	-18.9%	-8.8%	-5.4%	-19.6%
A505 Kimpton Road between Vauxhall access roundabout and Windmill Road	-18.3%	-14.2%	-12.0%	-17.4%	-16.7%	-11.6%	-15.6%	-15.9%	-6.1%
A505 Windmill Road between Manor Road and BWI Group Access	-12.4%	-16.0%	-12.1%	-11.4%	-16.4%	-11.5%	-13.3%	-24.8%	-14.8%
A6 Crawley Green Road between St Mary's Road and Crescent Road	3.7%	1.2%	8.6%	-5.0%	3.2%	-2.7%	-5.3%	3.1%	-9.2%
A505 Park Viaduct between Windmill Road and Cumberland Street	-1.5%	-6.6%	-4.0%	-4.0%	-7.2%	-5.5%	-4.2%	-9.7%	-2.9%
A505 Chapel Viaduct between Castle Street and Hatters Way	-0.2%	-0.6%	0.5%	-0.6%	-0.8%	-0.5%	-0.6%	-1.2%	-1.0%
A6 Crescent Road between A505 Hitchin Road and Crawley Green Road	-2.3%	3.5%	2.6%	-21.6%	0.3%	-4.3%	-19.2%	0.1%	-6.6%
A6 Hucklesby Way between New Bedford Way and A505 Hitchin Road	-0.1%	0.9%	0.5%	2.1%	1.4%	0.9%	3.7%	6.1%	1.4%
A6 New Bedford Road between Telford Way and Stockingstone Road	0.4%	-1.0%	1.2%	1.4%	-0.3%	0.9%	1.2%	-0.4%	1.4%
A5228 Hitchin Road between Bamridge Road and Vauxhall Way	4.1%	5.1%	4.4%	4.5%	2.9%	2.9%	5.8%	7.0%	5.1%
A5228 Hitchin Road between Stockingstone Road and Bamridge Road	4.3%	5.5%	4.1%	4.5%	3.0%	2.4%	5.9%	7.0%	4.8%

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
A5228 Stockingstone Road between New Bedford Road and A505 Hitchin Road	3.1%	6.1%	3.8%	0.4%	2.8%	1.2%	1.8%	4.7%	4.3%
A5228 Montrose Avenue	1.0%	-0.9%	-0.6%	1.8%	1.3%	-1.0%	1.2%	3.4%	-4.0%
A6 New Bedford Road between Stockingstone Road and Barton Road	1.2%	0.3%	1.1%	0.2%	0.0%	0.6%	1.0%	0.8%	0.9%
A6 New Bedford Road between Kingsdown Avenue and Barnfield Avenue	0.6%	-0.8%	0.8%	-0.3%	0.3%	0.7%	0.3%	0.6%	0.7%
A1081 London Road between Airport Way slip roads	-2.8%	-3.0%	-0.1%	-5.8%	0.6%	3.4%	-6.3%	2.5%	-3.8%
A1081 London Road between Roundabout and Newlands Road	-1.0%	-2.3%	1.6%	-8.3%	-3.4%	-15.4%	-2.9%	-3.5%	-2.9%
A1081 London Road between Newlands Road and Beech Tree Dr	-0.2%	-1.4%	1.9%	-6.8%	-2.5%	-16.2%	-2.0%	1.3%	-3.5%
A1081 Luton Road between A1081 London Road and W Hyde Road	0.0%	-0.7%	1.8%	-5.6%	-2.1%	-14.0%	-1.2%	1.2%	-0.9%
A1081 Luton Road between West Hyde Road and The Common Lane	-0.8%	-0.4%	0.3%	-2.9%	-0.2%	-2.9%	-2.8%	-0.6%	-3.1%
A1081 Luton Road between The Common Lane and Sun Lane	-0.7%	0.1%	0.5%	-1.5%	-0.2%	-4.6%	-1.0%	-0.2%	-2.7%
Other urban local roads									
Eaton Green Road between Vauxhall Avenue and Brendon Avenue	19.4%	17.8%	27.2%	-22.5%	-0.8%	-10.2%	-18.1%	6.5%	11.4%
Eaton Green Road between Brendon Avenue and Mistletoe Hill	17.1%	18.6%	19.8%	-39.7%	-22.5%	-35.1%	-34.7%	-14.4%	-7.2%
Eaton Green Road between Mistletoe Hill and Frank Lester Way	20.8%	22.2%	26.5%	-54.1%	-54.6%	-44.5%	-50.4%	-46.2%	-15.9%
Eaton Green Road between Frank Lester Way and Lalleford Road	-3.5%	-7.3%	-3.1%	-63.3%	-73.0%	-61.9%	-70.4%	-69.4%	-74.9%
Eaton Green Road between Lalleford Road and Wigmore Lane	-3.0%	-5.9%	-3.2%	-66.7%	-68.9%	-82.4%	-70.1%	-63.4%	-81.9%
Eaton Green Road between Lalleford Road and Wigmore Lane	-3.0%	-5.9%	-3.2%	-26.1%	-31.3%	-42.4%	-7.5%	-24.8%	-13.8%
Eaton Green Road between Wigmore Lane and Colwell Rise	2.9%	0.1%	3.2%	-10.4%	-7.8%	-23.9%	9.6%	0.2%	5.6%

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
Eaton Green Road between Colwell Rise and Darley Road	7.9%	5.3%	8.8%	25.7%	11.8%	10.5%	56.0%	24.6%	47.5%
Wigmore Lane between Eaton Green Road and Wigmore Park District Centre access	-2.1%	-6.2%	-5.0%	-30.0%	-37.7%	-41.7%	-21.6%	-32.8%	-31.7%
Wigmore Lane between Wigmore Park District Centre access and Twyford Drive	-2.1%	-6.2%	-5.0%	-30.0%	-37.7%	-41.7%	-21.6%	-32.8%	-31.7%
Wigmore Lane between Crawley Green Road and Twyford Dr	-0.5%	-4.4%	-2.0%	5.0%	-17.1%	-10.2%	13.3%	-5.3%	-4.1%
Wigmore Lane between Crawley Green Road and Handcross Road	0.6%	0.1%	-0.3%	-8.8%	-17.3%	-16.9%	-7.0%	-18.5%	-15.9%
Wigmore Lane between Handcross Road and Buckingham Drive	0.6%	0.2%	-0.1%	-8.4%	-17.5%	-16.5%	-6.6%	-18.8%	-15.7%
Wigmore Lane between Buckingham Drive and Hayling Drive	0.6%	0.1%	-0.1%	-8.0%	-17.0%	-16.2%	-6.3%	-17.8%	-15.9%
Wigmore Lane between Hayling Drive and Sowerby Avenue	0.7%	0.2%	0.5%	-6.9%	-15.8%	-14.3%	-5.6%	-16.9%	-14.5%
Wigmore Lane between Sowerby Avenue and Green Lane	0.5%	0.1%	2.5%	28.6%	30.4%	26.6%	29.6%	34.0%	24.0%
Wigmore Lane between Green Lane and Ashcroft Road	-0.2%	-1.2%	0.9%	25.1%	25.0%	23.7%	24.6%	27.5%	15.9%
Ashcroft Road between Wigmore Lane and A505 Hitchin Road	0.5%	-0.1%	2.4%	16.0%	7.3%	6.7%	15.6%	7.0%	1.8%
Lalleford Road between Eaton Green Road and Lyneham Road	-12.2%	-36.1%	10.4%	19.1%	-88.6%	825.7%	-37.0%	-84.1%	77.2%
Lalleford Road between Lyneham Road and Crawley Green Road	5.9%	-16.2%	17.7%	30.8%	57.9%	40.6%	19.8%	50.6%	15.1%
Ashcroft Road between Crawley Green Road and Marshall Road	-2.2%	-3.8%	-4.6%	14.6%	33.7%	31.8%	14.6%	40.1%	23.8%
Ashcroft Road between Marshall Road and Turners Road North	-2.2%	-3.8%	-4.6%	14.6%	33.7%	31.8%	14.6%	40.1%	23.8%
Ashcroft Road between Turners Road North and Hallwicks Road	-0.5%	-4.0%	-2.0%	16.8%	36.4%	38.9%	15.5%	43.1%	24.7%
Ashcroft Road between Hallwicks Road and Wigmore Lane	-0.5%	-4.0%	-2.0%	16.8%	36.4%	38.9%	15.5%	43.1%	24.7%

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
Brendon Avenue between Eaton Green Road and Fermor Crescent	1.8%	9.0%	2.1%	63.4%	140.2%	148.9%	44.5%	97.5%	78.6%
Brendon Avenue between Fermor Crescent and Crawley Green Road	5.2%	12.7%	6.3%	75.3%	155.9%	162.7%	45.6%	105.7%	86.0%
Crawley Green Road between Durham Road and Devon Road	14.2%	14.1%	18.7%	14.6%	19.5%	17.4%	16.5%	25.4%	18.8%
Crawley Green Road between Vauxhall Avenue and Brendon Avenue	2.9%	4.9%	3.6%	13.9%	7.6%	9.2%	16.0%	11.2%	12.0%
Crawley Green Road between Brendon Avenue and Dovehouse Hill	3.1%	5.9%	4.0%	19.8%	21.0%	23.6%	20.4%	22.2%	20.1%
Crawley Green Road between Dovehouse Hill and Burnham Road	3.7%	6.9%	4.9%	23.3%	23.7%	27.3%	23.7%	24.6%	22.9%
Crawley Green Road between Burnham Road and Ashcroft Road	3.7%	7.0%	4.9%	23.3%	23.7%	27.3%	23.7%	24.6%	22.9%
Crawley Green Road between Ashcroft Road and Lalleford Road	6.8%	14.5%	9.8%	25.3%	11.9%	20.6%	27.2%	10.6%	21.4%
Crawley Green Road between Lalleford Road and Buckingham Drive	6.5%	10.1%	10.4%	29.3%	30.6%	28.4%	27.9%	24.5%	20.1%
Crawley Green Road between Buckingham Drive and Wigmore Lane	6.5%	10.1%	10.4%	29.3%	30.6%	28.4%	27.9%	24.5%	20.1%
Crawley Green Road between Wigmore Lane and Rochford Drive	5.9%	4.2%	16.2%	38.5%	33.7%	23.7%	42.6%	43.3%	18.7%
Crawley Green Road between Rochford Drive and Hedley Rise	7.6%	5.5%	20.2%	48.2%	42.8%	28.9%	53.5%	54.2%	23.7%
Hedley Rise	1.6%	3.1%	1.1%	53.3%	42.5%	67.1%	47.4%	42.0%	42.0%
Hailing Drive	0.1%	-0.3%	-0.2%	0.8%	0.7%	0.6%	1.2%	1.1%	0.6%
Colwell Rise	-1.5%	-3.9%	-2.0%	-42.3%	-33.0%	-52.0%	-37.4%	-32.8%	-33.0%
B653 Windmill Road between Kimpton Road and Osborne Road	-3.1%	-5.0%	9.8%	4.9%	-6.3%	21.5%	4.1%	-16.1%	23.8%
B653 Gypsy Lane between Osborne Road and Luton Retail Park access	0.5%	-0.4%	8.8%	6.5%	-3.0%	18.6%	5.8%	-9.4%	18.8%
B653 Gypsy Lane between Luton Retail Park access and link to A1081	4.3%	3.7%	9.1%	9.3%	1.7%	18.1%	8.1%	-6.4%	16.9%
St Mary's Road between Park Viaduct and Church Street	-0.1%	-1.8%	0.8%	17.6%	14.4%	21.0%	18.2%	16.5%	26.1%

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
Church Street between St Mary's Road and John Street	-0.1%	-1.7%	0.7%	16.4%	13.6%	19.5%	17.0%	15.6%	24.3%
Church Street between John Street and Crescent Road	0.5%	-0.4%	1.4%	13.9%	8.9%	12.1%	14.3%	12.2%	15.8%
B4540 Farley Hill between Newlands Road and A505	3.6%	3.4%	7.5%	7.7%	5.9%	4.8%	9.0%	9.5%	9.7%
Rural roads to east and north of the airport									
Darley Road between Brick Kiln Lane and Mill Way	6.9%	1.5%	8.0%	26.3%	6.4%	4.3%	41.7%	12.6%	18.5%
Church Road between The Heath and Lilley Bottom	11.2%	-0.3%	9.0%	33.0%	6.1%	2.5%	49.5%	12.3%	12.8%
Church Road between Lilley Bottom Road and Whitehall Lane	-0.8%	-5.3%	4.4%	69.4%	-6.2%	2.2%	75.3%	-35.3%	-12.2%
Parsonage Lane/Church Lane/Back Lane (Preston) between Whitehall Road and School Lane	5.0%	10.1%	5.9%	30.7%	-8.2%	8.5%	45.4%	-10.4%	19.5%
Lilley Bottom Road between Church Road and Bendish Lane	16.7%	2.1%	11.9%	7.1%	10.1%	-2.0%	23.8%	22.1%	16.7%
Lilley Bottom Road (Whitwell) between Bendish Lane and B651 Horn Hill	16.1%	2.0%	11.5%	6.9%	9.8%	-1.9%	23.1%	21.3%	16.1%
B651 High Street (Whitwell) between B651 Horn Hill and B651 Hitchin Road	6.9%	1.6%	6.5%	4.2%	5.9%	0.4%	11.6%	12.0%	12.3%
Codicote Road between B651 Hitchin Road and B656 Hitchin Road (Codicote)	16.0%	1.8%	13.4%	8.7%	9.9%	0.0%	23.8%	21.6%	18.3%
The Heath/Heath Road between Church Road and Oxford Road	2.2%	5.8%	8.2%	15.4%	23.4%	15.0%	23.1%	35.8%	19.3%
Chapel Road between Oxford Road and Baileys Lane	10.7%	6.4%	10.9%	25.2%	26.9%	23.4%	31.5%	37.1%	27.5%
Lye Hill/Chiltern Green Road between Baileys Lane and Kimpton Road	19.7%	10.9%	12.8%	37.6%	36.2%	47.6%	46.4%	67.6%	48.4%
Kimpton Road between Chiltern Green Road and Fox Hill Road	0.5%	1.8%	-1.9%	4.9%	2.6%	9.4%	2.4%	-3.5%	6.6%
Luton Road between Fox Hill Road and High Street Kimpton)	2.9%	2.7%	2.0%	9.6%	8.0%	9.7%	9.7%	2.8%	9.3%

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
B652 High Street (Kimpton) between Luton Road and Claggy Road	0.3%	1.2%	-0.9%	2.3%	1.2%	6.1%	1.3%	-1.8%	4.7%
B652 High Street (Kimpton) between Claggy Road and Hitchin Road	0.6%	1.2%	-1.0%	2.8%	0.9%	6.1%	1.6%	-2.2%	4.4%
B651 High Street (Kimpton) between B652 High Street (Kimpton) and Ballslough Hill	0.5%	1.1%	-1.6%	2.4%	0.8%	6.1%	0.4%	-3.4%	2.7%
Stony Lane between Durley Road and Brick Kiln Lane	13.9%	22.0%	15.6%	25.3%	24.5%	40.7%	112.1%	46.2%	151.9%
Stony Lane between Brick Kiln Lane and Lilley Bottom	10.4%	11.6%	15.6%	19.7%	23.3%	16.9%	69.3%	36.1%	77.2%
The Road near Lodge Farm between Stony Lane and King's Walden Road	5.9%	12.6%	3.7%	13.6%	22.8%	17.5%	54.4%	38.8%	66.2%
Brick Kiln Lane between Stony Lane and Chalk Hill	6.3%	-1.3%	15.5%	17.8%	24.7%	1.9%	22.7%	20.1%	12.6%
Luton Road between Elmtree Avenue and Hedley Rise	11.2%	5.6%	29.0%	29.7%	30.3%	5.0%	42.8%	45.7%	13.1%
Chalk Hill between Brick Kiln Lane and Lilley Bottom	23.8%	10.6%	57.1%	56.0%	41.6%	11.0%	80.1%	71.3%	20.9%
Lilley Bottom between Church Road and Stony Lane	5.1%	6.4%	8.2%	11.0%	19.0%	0.1%	16.9%	26.3%	5.9%
Lilley Bottom between Stony Lane and Chalk Hill	0.9%	3.8%	-0.4%	2.5%	6.3%	-2.9%	2.1%	9.1%	-3.6%
Lilley Bottom between Chalk Hill and Luton White Hill	12.7%	8.2%	28.8%	30.1%	27.2%	4.8%	42.6%	45.6%	10.3%
Lilley Bottom between Luton White Hill and Hollybush Hill	12.7%	8.2%	28.8%	30.1%	27.2%	4.8%	42.6%	45.6%	10.3%
Lilley Bottom between Hollybush Hill and A505 eastbound Off-slip road	6.4%	1.5%	20.1%	17.8%	13.3%	6.1%	23.7%	20.1%	8.0%
Hexton Road between East Street and Streatley Road	3.1%	2.4%	5.7%	16.0%	10.9%	5.6%	20.4%	18.2%	11.9%
Rural roads to west and south of the airport									
B653 Lower Harpenden Road between West Hyde Road and Parkway Road	1.6%	-1.7%	1.9%	3.4%	1.6%	1.6%	4.3%	-0.3%	7.6%

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
B653 Lower Harpenden Road between Westfield Road and W Hyde Road	0.5%	-1.0%	1.0%	2.5%	0.4%	1.4%	3.6%	1.3%	3.0%
Chiltern Green Road between B653 Lower Harpenden Road and Kimpton Road	4.2%	3.8%	0.9%	11.9%	10.3%	17.3%	11.4%	9.2%	15.3%
B653 Lower Harpenden Road between Station Road and Westfield Road	-1.3%	-0.5%	-1.4%	-0.7%	-1.5%	-1.9%	-0.8%	-1.3%	-2.5%
Newlands Road between Markyate Road and A1081 London Road	1.0%	-0.8%	2.0%	-0.9%	4.7%	-4.3%	3.6%	0.8%	4.2%
B4540 Church Road between Front Street and Newlands Road	-2.8%	-4.5%	-4.1%	-4.2%	-1.5%	-12.2%	-1.6%	-8.6%	-11.3%
Front Street between Pepsal End Road and A1081 London Road	0.7%	1.1%	1.6%	3.2%	-1.0%	14.4%	6.0%	16.5%	6.0%
Front Street between Markyate Road and Pepsal End Road	0.7%	1.9%	0.6%	0.1%	-1.3%	0.3%	9.5%	16.1%	16.3%
B4540 Newlands Road between Markyate Road and Luton Road	3.3%	2.3%	4.7%	1.3%	8.0%	-0.3%	6.2%	7.5%	10.2%
Luton Road between Newlands Road and Chaul End Road	3.3%	3.1%	5.8%	4.3%	4.4%	3.4%	7.1%	4.4%	10.2%
Airport roads									
Airport Way between Mid Term Car Park access and Central Terminal Area	15.7%	8.7%	21.5%	-0.8%	-7.9%	-5.8%	-2.1%	-7.0%	-6.9%
Airport Way between Percival Way and Mid Term Car Park Access	15.7%	8.7%	21.5%	-0.8%	-7.9%	-5.8%	-2.1%	-7.0%	-6.9%
A1081 New Airport Way between AAR and Percival Way	-2.8%	-9.0%	-9.4%	-39.1%	-50.8%	-57.7%	-42.0%	-56.9%	-60.4%
Eaton Green Road link	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Access road to Terminal 2 from AAR	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
CPAR Link between President Way and Eaton Green Road link	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
President Way between Car Rental and Frank Lester Way (AAR in DS)	17.9%	16.9%	18.8%	54.7%	43.3%	53.4%	128.0%	97.1%	136.9%
AAR between Provost Way and Frank Lester Way	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Road Name	2027			2039			2043		
	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak	AADT	AM Peak	PM Peak
AAR between A1081 New Airport Way and Provost Way	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Percival Way between Airport Way and Prospect Way	-19.0%	-26.7%	-27.7%	-89.2%	-81.4%	-94.2%	-90.6%	-93.4%	-94.7%
Percival Way between Prospect Way and Provost Way	-22.6%	-23.5%	-35.3%	-91.0%	-91.4%	-89.2%	-89.5%	-92.1%	-89.2%
Frank Lester Way between Percival Way and Eaton Green Road	19.7%	-7.8%	2.8%	-67.6%	-85.8%	-53.0%	-70.6%	-84.4%	-71.6%