

Motor vehicle flows along the corridor

- i. Traffic counts were undertaken in May 2018 to record the number of motor vehicles using the corridor and other streets in the area. The counts show that the average number of motor vehicles travelling along the corridor is around 250 vehicles an hour in the morning peak hour and around 350 vehicles per hour in the evening peak hour. This report includes details of these surveys together with other traffic surveys undertaken in 2015 and 2016. It should be noted that the surveys undertaken in 2015 were prior to the removal of the westbound motor vehicle traffic lane and the introduction of the two, one-way cycle lanes.
- ii. Manual Classified Counts (MCCs) were undertaken in 2015, 2016 and 2018 to record the number and type of motor vehicle on and/or adjacent to the corridor. Figure 1 shows the streets where data has been used to show the average motor vehicle traffic flow during the morning peak hour, evening peak hour and between 7am and 7pm (daily flow).

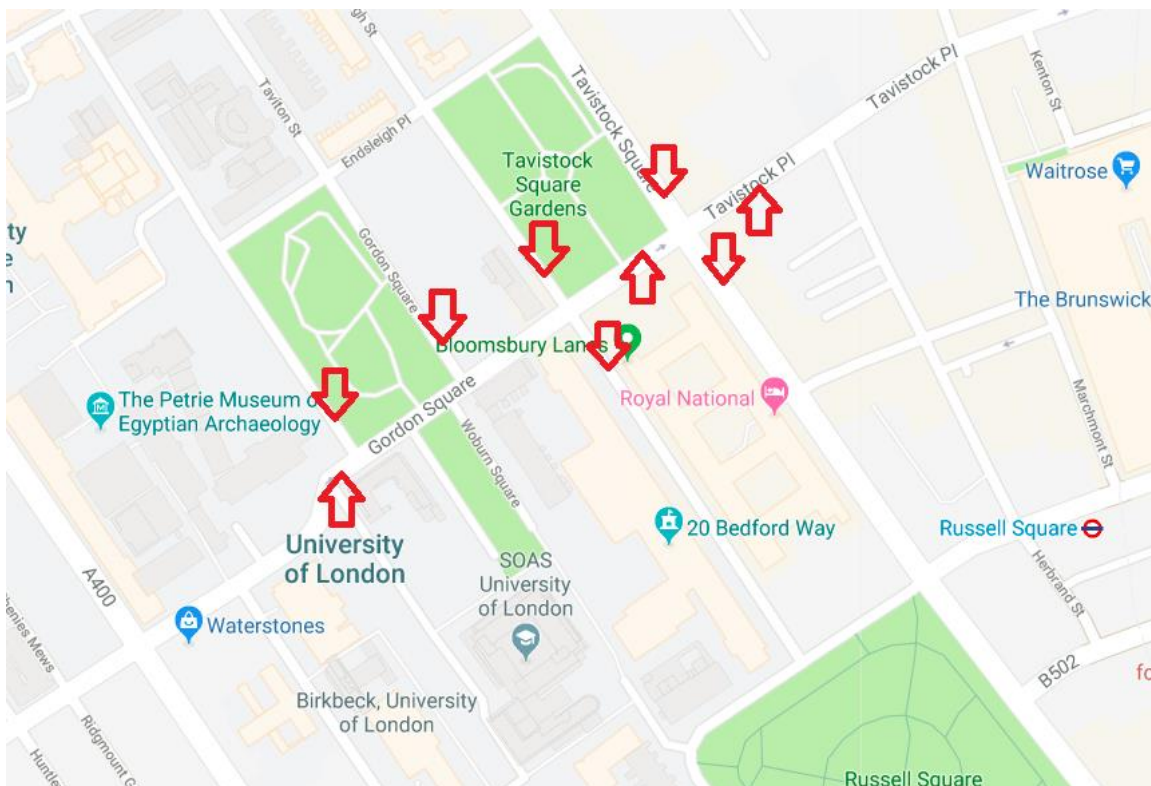


Figure 1 Traffic count locations

Location	Direction	08:30 to 09:30			17:45 to 18:45			07:00 to 19:00*	
		2015	2016	2018	2015	2016	2018	2016	2018
Byng Place	Eastbound	224	259	247	271	251	371	3484	4149
	Westbound	358	0	0	370	0	0	0	6
	Total	582	259	247	641	251	371	3484	4155
Tavistock Sq	Eastbound	265	294	228	303	281	327	3443	3395
	Westbound	402	0	0	378	0	0	0	0
	Total	667	294	228	681	281	327	3443	3395
Tavistock PI (between Woburn PI and Herbrand St)	Eastbound	267	352	273	303	333	389	4019	4073
	Westbound	263	0	0	223	0	0	1	0
	Total	530	352	273	526	333	389	4020	4073
Total		1779	905	748	1848	865	1087	10947	11623
Average		593	302	249	616	288	362	3649	3874

* No 07:00 – 19:00 data available for 2015

Table 1 Traffic Flows along the corridor (24/03/15, 10/05/16 and 23/05/18)

- iii. Table 1 gives a snapshot of traffic flows along the corridor in 2015, in 2016 and later in 2018.

- iv. It can be seen from Table 1 that the average daily number of motor vehicles travelling along the corridor at the dates surveyed in 2016 and 2018 were 3649 and 3874 vehicles respectively). The data suggest that the average motor vehicle traffic travelling along the corridor during the morning peak hours in 2015, 2016 and 2018 was 593, 302 and 249 respectively. It also suggests that the average number of motor vehicles travelling along the corridor in 2015, 2016 and 2018 were 616, 288 and 362 respectively. Note, 2015 data includes two-way traffic flow along the corridor.

Motor vehicle flows on adjacent side streets

Location	Direction	08:30 to 09:30			17:45 to 18:45			07:00 to 19:00**	
		2015	2016	2018	2015	2016	2018	2016	2018
Woburn Place N (Tav Sq E)	Northbound	403	517	450	500	590	519	6481	5997
	Southbound	543	526	460	519	511	507	5712	5758
	Total	946	1043	910	1019	1101	1026	12193	11755
Woburn Place S	Northbound	553	517	450	667	590	520	6372	5970
	Southbound	403	468	415	500	459	446	5137	5083
	Total	956	985	865	1167	1049	966	11509	8582
Bedford Way	Northbound	334	327	262	358	372	317	3760	3499
	Southbound	184	193	199	189	130	158	1773	1964
	Total	518	520	461	547	502	475	5533	5463
Tav Sq W	Northbound	91	306	233	79	344	292	3281	3217
	Southbound	81	83	104	64	60	68	634	795
	Total	172	389	337	143	404	360	3915	4012
Gordon Sq E*	Northbound	79		29	71		32		382
	Southbound	32		42	23		25		273
	Total	111		71	94		57		655
Gordon Sq W	Northbound	229	41	33	242	26	31	412	451
	Southbound	142	181	69	147	106	42	1555	641
	Total	371	222	102	389	132	73	1967	1092
Total (Exc Gordon Sq E)		2963	3159	2675	3265	3188	2900	35117	30904
Average (Exc Gordon Sq E)		593	632	535	653	638	580	7,023	6,181

* No data available for Gordon Square (east) in 2016

** No 07:00 – 19:00 data available for 2015

Table 2 Traffic Flows adjacent to the corridor (24/03/15, 10/05/18 and 23/05/18)

- v. Table 2 gives a snapshot of traffic flows on key side streets adjacent to the corridor in 2015, in 2016 and later in 2018.
- vi. It can be seen from Table 2 that the average daily number of motor vehicles travelling along the key streets adjacent to the corridor (please note that Gordon Square East as we do not have data for this site in 2016) at the dates surveyed in 2016 and 2018 were 7023 and 6181 vehicles respectively. The data shows that the average motor vehicle traffic travelling on the side streets during the morning peak hours in 2015, 2016 and 2018 was 593, 632 and 535 respectively. It also suggests that the average number of motor vehicles travelling on the side streets during the evening peak hour in 2015, 2016 and 2018 were 653, 638 and 580 respectively.