

Route: A - A1 ARCHWAY ROAD TO PALESTRA
Date: Tuesday 19th January 2010

Survey Vehicle: PTW_BL
Time started (HH:MM:SS): 07:30:20
Time finished (HH:MM:SS): 07:57:25

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:27:05
Total Journey Time (Secs) (Inc stoppages): 1,625
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:21:53
Total Journey Time (Secs) (Exc stoppages): 1,313

Total Stoppages (Secs): 312
Total No. Of Stoppages: 17
Total Distance Travelled (Miles): 6.847
Total Distance Travelled (KM): 11.017

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

Average Speed (Mile/H) (Inc stoppages): 15.17
Average Speed (Miles/H) (Exc stoppages): 18.77
Average Speed (KM/H) (Inc stoppages): 24.41
Average Speed (KM/H) (Exc stoppages): 30.21

NOTES

- The PTW for this survey run was observed from the Route 1 PTW_GT DVD to be a marked Police PTW, not un-marked as requested. This may have affected the way other drivers in the traffic stream treated this surveyor. By the time this was picked up from a check of the DVD by LTP Ltd on Monday 25/01/10, the first three survey routes had already been completed. As a consequence of this, Andy Mayo asked Steve Connolly of TFL on 27/01/10 to request that the Met Police use two un-marked PTWs for the final three survey runs on 2nd and 10th and 11th February. The Met Police were unable to comply with this request due to the unavailability of suitable PTWs.
- The survey PTW did not use bus lanes all the time, (for example on the run towards the Archway gyratory), but used the general traffic lanes if they were clear. The survey PTW did enter the bus lane on the Archway Gyratory approach when approaching the southbound queue at that junction.
- When in the bus lane the PTW was observed to slow before overtaking cyclists.
- The PTW was observed to stay out of the bus lane if the rider could see that the lane width and downstream buses would prevent them from making progress. On occasions when the rider had used the bus lane and was slowed down behind a bus, the rider looked for the opportunity to filter between buses and general traffic in lane 2. A lack of carriageway space between vehicles and the likelihood of riding over the 200mm wide bus lane markings could put riders at risk of collisions or slips.
- The survey PTW rider missed an opportunity to get ahead of a queue via the bus gate at the junction of Upper Street with Liverpool Street.
- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, filtering to the right of slow-moving or stationary vehicles.
- Where the PTW stopped in Pentonville Road, we have removed the time taken for this stoppage from the final Stoppage Time Duration (Secs) and the Section Journey Times End Time (HH:MM:SS), as shown in bold red text.

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes		
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)					
ROUTE START A1 Archway Road (start from ESSO garage north of junction with Baker's Lane)																		
	1	0.540	0.540	0.869	0.869	07:32:26	07:33:02	00:00:36	36	07:30:20	07:32:26	00:02:06	126	15.43	24.82			
	2	0.822	1.362	1.323	2.191	07:35:10	07:35:44	00:00:34	34	07:33:02	07:35:10	00:02:08	128	23.12	37.20			
	3	0.617	1.979	0.993	3.184	07:38:05	07:38:11	00:00:06	6	07:35:44	07:38:05	00:02:21	141	15.75	25.35			
	4	0.762	2.741	1.226	4.410	07:40:08	07:40:58	00:00:50	50	07:38:11	07:40:08	00:01:57	117	23.45	37.72			
	5	0.605	3.346	0.973	5.384	07:42:36	07:42:44	00:00:08	8	07:40:58	07:42:36	00:01:38	98	22.22	35.76			
	6	0.797	4.143	1.282	6.666	07:44:47	07:44:51	00:00:04	4	07:42:44	07:44:47	00:02:03	123	23.33	37.53			
	7	0.177	4.320	0.285	6.951	07:45:24	07:45:48	00:00:24	24	07:44:51	07:45:24	00:00:33	33	19.31	31.07		Junction Upper Street with Liverpool Road	
	8	0.066	4.386	0.106	7.057	07:46:11	07:46:33	00:00:22	22	07:45:48	07:46:11	00:00:23	23	10.33	16.62			
	9	0.175	4.561	0.282	7.339	07:47:22	07:47:26	00:00:04	4	07:46:33	07:47:22	00:00:49	49	12.86	20.69			
	10	0.005	4.566	0.008	7.347	07:47:38	07:47:51	00:00:13	13	07:47:26	07:47:38	00:00:12	12	1.50	2.41			
	11	0.074	4.640	0.119	7.466	07:48:23	07:48:39	00:00:16	16	07:47:51	07:48:23	00:00:32	32	8.32	13.39			
		0.019	4.659	0.031	7.496	07:48:50	07:49:54	00:01:04	64	07:48:39	07:48:50	00:00:11	11	6.22	10.01		Marked PTW sat in central hatching in Pentonville Road behind a separator island. This stoppage will not be counted, as it would not normally occur.	
	12	0.003	4.662	0.005	7.501	07:50:00	07:50:13	00:00:13	13	07:49:54	07:50:00	00:00:06	6	1.80	2.90			
	13	0.074	4.736	0.119	7.620	07:50:28	07:50:46	00:00:18	18	07:50:13	07:50:28	00:00:15	15	17.76	28.58			
	14	0.401	5.137	0.645	8.265	07:51:51	07:52:11	00:00:20	20	07:50:46	07:51:51	00:01:05	65	22.21	35.73			
	15	0.123	5.260	0.198	8.463	07:52:34	07:52:38	00:00:04	4	07:52:11	07:52:34	00:00:23	23	19.25	30.98			
	16	0.809	6.069	1.302	9.765	07:55:06	07:55:07	00:00:01	1	07:52:38	07:55:06	00:02:28	148	19.68	31.66			
	17	0.732	6.801	1.178	10.943	07:57:28	07:58:07	00:00:39	39	07:55:07	07:57:28	00:02:21	141	18.69	30.07			
		0.046	6.847	0.074	11.017					Final stop at Palestra	07:58:07	07:58:29	00:00:22	22	7.53	12.11		
ROUTE END Palestra, Blackfriars Road																		
Totals			6.847		11.017				312						1,313			

Route: A - A1 ARCHWAY ROAD TO PALESTRA
Date: Tuesday 19th January 2010

Survey Vehicle: PTW_GT
Time started (HH:MM:SS): 07:31:49
Time finished (HH:MM:SS): 08:05:44

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:33:55
Total Journey Time (Secs) (Inc stoppages): 2,035
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:25:51
Total Journey Time (Secs) (Exc stoppages): 1,551

Total Stoppages (Secs): 484
Total No. Of Stoppages: 26
Total Distance Travelled (Miles): 6.929
Total Distance Travelled (KM): 11.149

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

Average Speed (Mile/H) (Inc stoppages): 12.26
Average Speed (Miles/H) (Exc stoppages): 16.08
Average Speed (KM/H) (Inc stoppages): 19.72
Average Speed (KM/H) (Exc stoppages): 25.88

NOTES

- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, in all but one occasion, filtering to the right of slow-moving or stationary vehicles.
- Other PTWs can be observed using lengths of bus lane according to TFL's trial to permit PTWs to use some bus lanes. They are observed leaving the PTW in general traffic behind.
- No road works were observed on the route that caused any delays, but this could mean that road works on this route commenced after the AM peak. (A list was provided by TFL and reviewed by LTP Ltd)

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes	
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)				
ROUTE START A1 Archway Road (start from ESSO garage north of junction with Baker's Lane)																	
	1	0.543	0.543	0.874	0.874	07:33:47	07:34:21	00:00:34	34	07:31:49	07:33:47	00:01:58	118	16.57	26.65		
	2	0.653	1.196	1.051	1.924	07:36:18	07:36:19	00:00:01	1	07:34:21	07:36:18	00:01:57	117	20.09	32.33	Stopped at 1st set of southbound signals at the Archway gyratory which includes a pedestrian phase (the junction between the A1 and the A400 at St John's Road and Tollhouse Way)	
	3	0.018	1.214	0.029	1.953	07:36:33	07:36:34	00:00:01	1	07:36:19	07:36:33	00:00:14	14	4.63	7.45	As above	
	4	0.063	1.277	0.101	2.055	07:37:18	07:37:23	00:00:05	5	07:36:34	07:37:18	00:00:44	44	5.15	8.29	As above	
	5	0.005	1.282	0.008	2.063	07:37:30	07:37:31	00:00:01	1	07:37:23	07:37:30	00:00:07	7	2.57	4.14	As above	
	6	0.002	1.284	0.003	2.066	07:37:34	07:37:43	00:00:09	9	07:37:31	07:37:34	00:00:03	3	2.40	3.86	As above	
	7	0.036	1.320	0.058	2.124	07:38:09	07:38:41	00:00:32	32	07:37:43	07:38:09	00:00:26	26	4.98	8.02	As above	
	8	0.023	1.343	0.037	2.161	07:38:55	07:39:41	00:00:46	46	07:38:41	07:38:55	00:00:14	14	5.91	9.52	As above	
	9	0.029	1.372	0.047	2.208	07:39:57	07:40:50	00:00:53	53	07:39:41	07:39:57	00:00:16	16	6.53	10.50	As above	
	10	0.623	1.995	1.002	3.210	07:43:40	07:43:49	00:00:09	9	07:40:50	07:43:40	00:02:50	170	13.19	21.23		
	11	0.329	2.324	0.529	3.739	07:45:03	07:45:17	00:00:14	14	07:43:49	07:45:03	00:01:14	74	16.01	25.75	Ped crossing south of signals at junction with Holloway Road and Seven Sisters Road	
	12	0.446	2.770	0.718	4.457	07:46:34	07:47:34	00:01:00	60	07:45:17	07:46:34	00:01:17	77	20.85	33.55		
	13	0.109	2.879	0.175	4.632	07:48:00	07:48:02	00:00:02	2	07:47:34	07:48:00	00:00:26	26	15.09	24.28		
	14	0.082	2.961	0.132	4.764	07:48:26	07:48:29	00:00:03	3	07:48:02	07:48:26	00:00:24	24	12.30	19.79		
	15	0.397	3.358	0.639	5.403	07:49:38	07:49:48	00:00:10	10	07:48:29	07:49:38	00:01:09	69	20.71	33.33	Highbury Corner	
	16	0.283	3.641	0.455	5.858	07:50:46	07:51:18	00:00:32	32	07:49:48	07:50:46	00:00:58	58	17.57	28.26		
	17	0.712	4.353	1.146	7.004	07:53:04	07:53:26	00:00:22	22	07:51:18	07:53:04	00:01:46	106	24.18	38.91		
	18	0.080	4.433	0.129	7.133	07:53:58	07:54:13	00:00:15	15	07:53:26	07:53:58	00:00:32	32	9.00	14.48		
	19	0.234	4.667	0.377	7.509	07:55:07	07:55:17	00:00:10	10	07:54:13	07:55:07	00:00:54	54	15.60	25.10		
	20	0.048	4.715	0.077	7.586	07:55:42	07:56:02	00:00:20	20	07:55:17	07:55:42	00:00:25	25	6.91	11.12		
	21	0.062	4.777	0.100	7.686	07:56:24	07:56:30	00:00:06	6	07:56:02	07:56:24	00:00:22	22	10.15	16.32		
	22	0.137	4.914	0.220	7.907	07:57:01	07:57:15	00:00:14	14	07:56:30	07:57:01	00:00:31	31	15.91	25.60		
	23	0.282	5.196	0.454	8.360	07:58:16	07:58:17	00:00:01	1	07:57:15	07:58:16	00:01:01	61	16.64	26.78		
	24	0.300	5.496	0.483	8.843	07:59:22	07:59:45	00:00:23	23	07:58:17	07:59:22	00:01:05	65	16.62	26.73		
	25	0.106	5.602	0.171	9.014	08:00:16	08:00:50	00:00:34	34	07:59:45	08:00:16	00:00:31	31	12.31	19.81		
	26	1.041	6.643	1.675	10.689	08:04:16	08:04:43	00:00:27	27	08:00:50	08:04:16	00:03:26	206	18.19	29.27	Blackfriars Road	
		0.286	6.929	0.460	11.149	Final stop at Palestra				08:04:43	08:05:44	00:01:01	61	16.88	27.16		
ROUTE END Palestra, Blackfriars Road																	
Totals			6.929		11.149				484		08:05:44	00:25:51					

Route: A - A1 ARCHWAY ROAD TO PALESTRA
Date: Tuesday 19th January 2010

Survey Vehicle: CAR_GT
Time started (HH:MM:SS): 07:32:16
Time finished (HH:MM:SS): 08:20:40

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:48:24
Total Journey Time (Secs) (Inc stoppages): 2,904
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:31:25
Total Journey Time (Secs) (Exc stoppages): 1,885

Total Stoppages (Secs): 1,019
Total No. Of Stoppages: 47
Total Distance Travelled (Miles): 6.952
Total Distance Travelled (KM): 11.186

Average Speed (Mile/H) (Inc stoppages): 8.62
Average Speed (Miles/H) (Exc stoppages): 13.28
Average Speed (KM/H) (Inc stoppages): 13.87
Average Speed (KM/H) (Exc stoppages): 21.36

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

NOTES

- Due to the car's inability to filter through traffic, it lost ground to the PTWs. The additional time taken to cover the same distance resulted in the car running through part of the busiest hour of the AM peak period when traffic volumes entering Central London are at their peak. This resulted in additional stoppages and delays as shown in the analysis table below.

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes	
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)				
ROUTE START A1 Archway Road (start from ESSO garage north of junction with Baker's Lane)																	
	1	0.529	0.529	0.851	0.851	07:34:14	07:34:52	00:00:38	38	07:32:16	07:34:14	00:01:58	118	16.14	25.97		
	2	0.193	0.722	0.311	1.162	07:35:48	07:35:52	00:00:04	4	07:34:52	07:35:48	00:00:56	56	12.41	19.96		
	3	0.057	0.779	0.092	1.253	07:36:17	07:36:24	00:00:07	7	07:35:52	07:36:17	00:00:25	25	8.21	13.21		
	4	0.399	1.178	0.642	1.895	07:37:30	07:37:35	00:00:05	5	07:36:24	07:37:30	00:01:06	66	21.76	35.02	Stopped at 1st set of southbound signals at the Archway gyratory which includes a pedestrian phase (the junction between the A1 and the A400 at St John's Road and Tollhouse Way)	
	5	0.036	1.214	0.058	1.953	07:38:01	07:38:21	00:00:20	20	07:37:35	07:38:01	00:00:26	26	4.98	8.02	As above	
	6	0.003	1.217	0.005	1.958	07:38:27	07:38:36	00:00:09	9	07:38:21	07:38:27	00:00:06	6	1.80	2.90	As above	
	7	0.028	1.245	0.045	2.003	07:39:01	07:39:42	00:00:41	41	07:38:36	07:39:01	00:00:25	25	4.03	6.49	As above	
	8	0.021	1.266	0.034	2.037	07:39:59	07:40:37	00:00:38	38	07:39:42	07:39:59	00:00:17	17	4.45	7.16	As above	
	9	0.024	1.290	0.039	2.076	07:41:02	07:41:38	00:00:36	36	07:40:37	07:41:02	00:00:25	25	3.46	5.56	As above	
	10	0.032	1.322	0.051	2.127	07:41:59	07:42:37	00:00:38	38	07:41:38	07:41:59	00:00:21	21	5.49	8.83	As above	
	11	0.031	1.353	0.050	2.177	07:42:59	07:43:45	00:00:46	46	07:42:37	07:42:59	00:00:22	22	5.07	8.16	As above	
	12	0.247	1.600	0.397	2.574	07:44:57	07:45:02	00:00:05	5	07:43:45	07:44:57	00:01:12	72	12.35	19.87		
	13	0.351	1.951	0.565	3.139	07:46:54	07:47:01	00:00:07	7	07:45:02	07:46:54	00:01:52	112	11.28	18.15		
	14	0.290	2.241	0.467	3.606	07:48:43	07:48:59	00:00:16	16	07:47:01	07:48:43	00:01:42	102	10.24	16.47		
	15	0.217	2.458	0.349	3.955	07:49:42	07:50:12	00:00:30	30	07:48:59	07:49:42	00:00:43	43	18.17	29.23		
	16	0.300	2.758	0.483	4.438	07:51:11	07:51:39	00:00:28	28	07:50:12	07:51:11	00:00:59	59	18.31	29.45		
	17	0.065	2.823	0.105	4.542	07:52:06	07:52:09	00:00:03	3	07:51:39	07:52:06	00:00:27	27	8.67	13.94	On Holloway Road just south of junction with Hornsey Road to junction with Liverpool Road. General traffic unable to pass between vehicles turning right into Liverpool Road and bus lane.	
	18	0.066	2.889	0.106	4.648	07:52:39	07:52:44	00:00:05	5	07:52:09	07:52:39	00:00:30	30	7.92	12.74	As above	
	19	0.209	3.098	0.326	4.985	07:53:30	07:53:40	00:00:10	10	07:52:44	07:53:30	00:00:46	46	16.36	26.32		
	20	0.186	3.284	0.299	5.284	07:54:25	07:54:35	00:00:10	10	07:53:40	07:54:25	00:00:45	45	14.88	23.94		
	21	0.096	3.380	0.154	5.438	07:55:16	07:55:27	00:00:11	11	07:54:35	07:55:16	00:00:41	41	8.43	13.56	Highbury Corner	
	22	0.527	3.907	0.848	6.286	07:57:24	07:57:25	00:00:01	1	07:55:27	07:57:24	00:01:57	117	16.22	26.09		
	23	0.125	4.032	0.201	6.487	07:57:51	07:57:53	00:00:02	2	07:57:25	07:57:51	00:00:26	26	17.31	27.85		
	24	0.143	4.175	0.230	6.718	07:58:23	07:58:24	00:00:01	1	07:57:53	07:58:23	00:00:30	30	17.16	27.61		
	25	0.024	4.199	0.039	6.756	07:58:34	07:59:53	00:01:19	79	07:58:24	07:58:34	00:00:10	10	8.64	13.90		
	26	0.093	4.292	0.150	6.906	08:00:15	08:00:28	00:00:13	13	07:59:53	08:00:15	00:00:22	22	15.22	24.49		
	27	0.095	4.387	0.153	7.059	08:00:49	08:01:53	00:01:04	64	08:00:28	08:00:49	00:00:21	21	16.29	26.20		
	28	0.067	4.454	0.108	7.166	08:02:17	08:02:39	00:00:22	22	08:01:53	08:02:17	00:00:24	24	10.05	16.17		
	29	0.149	4.603	0.240	7.406	08:03:24	08:03:27	00:00:03	3	08:02:39	08:03:24	00:00:45	45	11.92	19.18	Pentonville Road to junction with Penton Rise. Volume of traffic.	
	30	0.016	4.619	0.026	7.432	08:03:38	08:04:04	00:00:26	26	08:03:27	08:03:38	00:00:11	11	5.24	8.43	As above	
	31	0.019	4.638	0.031	7.463	08:04:16	08:04:33	00:00:17	17	08:04:04	08:04:16	00:00:12	12	5.70	9.17	As above	
	32	0.012	4.650	0.019	7.482	08:04:53	08:05:24	00:00:31	31	08:04:33	08:04:53	00:00:20	20	2.16	3.48	As above	
	33	0.028	4.678	0.045	7.527	08:05:47	08:06:02	00:00:15	15	08:05:24	08:05:47	00:00:23	23	4.38	7.05	As above	
	34	0.045	4.723	0.072	7.599	08:06:33	08:06:46	00:00:13	13	08:06:02	08:06:33	00:00:31	31	5.23	8.41	As above	
	35	0.029	4.752	0.047	7.646	08:07:01	08:07:23	00:00:22	22	08:06:46	08:07:01	00:00:15	15	6.96	11.20	As above	
	36	0.033	4.785	0.053	7.699	08:07:41	08:08:10	00:00:29	29	08:07:23	08:07:41	00:00:18	18	6.60	10.62	As above	
	37	0.152	4.937	0.245	7.944	08:08:41	08:08:55	00:00:14	14	08:08:10	08:08:41	00:00:31	31	17.65	28.40		
	38	0.255	5.192	0.410	8.354	08:09:45	08:10:06	00:00:21	21	08:08:55	08:09:45	00:00:50	50	18.36	29.54		
	39	0.295	5.487	0.475	8.829	08:11:05	08:11:10	00:00:05	5	08:10:06	08:11:05	00:00:59	59	18.00	28.96	Queues from signalised junction of Farringdon Road with Clerkenwell Street	
	40	0.020	5.507	0.032	8.861	08:11:23	08:11:26	00:00:03	3	08:11:10	08:11:23	00:00:13	13	5.54	8.91	As above	
	41	0.011	5.518	0.018	8.878	08:11:37	08:11:59	00:00:22	22	08:11:26	08:11:37	00:00:11	11	3.60	5.79	As above	

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)			
	42	0.045	5.563	0.072	8.951	08:12:22	08:13:15	00:00:53	53	08:11:59	08:12:22	00:00:23	23	7.04	11.33	As above
	43	0.041	5.604	0.066	9.017	08:13:30	08:14:33	00:01:03	63	08:13:15	08:13:30	00:00:15	15	9.84	15.83	As above
	44	0.464	6.068	0.747	9.763	08:15:56	08:16:02	00:00:06	6	08:14:33	08:15:56	00:01:23	83	20.13	32.38	
	45	0.255	6.323	0.410	10.174	08:16:56	08:17:46	00:00:50	50	08:16:02	08:16:56	00:00:54	54	17.00	27.35	
	46	0.296	6.619	0.476	10.650	08:18:45	08:18:51	00:00:06	6	08:17:46	08:18:45	00:00:59	59	18.06	29.06	
	47	0.290	6.909	0.467	11.117	08:19:50	08:20:21	00:00:31	31	08:18:51	08:19:50	00:00:59	59	17.69	28.47	
		0.043	6.952	0.069	11.186	Final stop at Palestra				08:20:21	08:20:40	00:00:19	19	8.15	13.11	
ROUTE END Palestra, Blackfriars Road											08:20:40	00:31:25				
Totals			6.952		11.186				1,019				1,885			

MODE JOURNEY TIME COMPARISON

Route: A - A1 ARCHWAY ROAD TO PALESTRA

Date: Tuesday 19th January 2010

Survey Vehicle: PTW_BL PTW_GT CAR_GT PTW_GT-PTW_BL CAR_GT-PTW_BL

Time started (HH:MM:SS): 07:30:20 07:31:49 07:32:16

Time finished (HH:MM:SS): 07:57:25 08:05:44 08:20:40

Total Journey Time (HH:MM:SS)(Inc stoppages):	00:27:05	00:33:55	00:48:24	00:06:50	00:21:19
Total Journey Time (Secs) (Inc stoppages):	1,625	2,035	2,904	410	1,279
Total Journey Time (HH:MM:SS)(Exc stoppages):	00:21:53	00:25:51	00:31:25	00:03:58	00:09:32
Total Journey Time (Secs) (Exc stoppages):	1,313	1,551	1,885	238	572
Total Stoppages (Secs):	312	484	1,019	172	707
Total No. Of Stoppages	17	26	47	9	30
Total Distance Travelled (Miles):	6.847	6.929	6.952	0.082	0.105
Total Distance Travelled (KM):	11.017	11.149	11.186	0.13	0.17
Average Speed (Miles/H) (Inc stoppages):	15.17	12.26	8.62	-2.91	-6.55
Average Speed (Miles/H) (Exc stoppages):	18.77	16.08	13.28	-2.69	-5.50
Average Speed (KM/H) (Inc stoppages):	24.41	19.72	13.87	-4.68	-10.54
Average Speed (KM/H) (Exc stoppages):	30.21	25.88	21.36	-4.33	-8.84

Route: B -A41 HENDON WAY TO PALESTRA
Date: Wednesday 20th January 2010

Survey Vehicle: PTW_BL
Time started (HH:MM:SS): 07:29:02
Time finished (HH:MM:SS): 08:13:01

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:43:59
Total Journey Time (Secs) (Inc stoppages): 2,639
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:32:55
Total Journey Time (Secs) (Exc stoppages): 1,975

Total Stoppages (Secs): 664
Total No. Of Stoppages: 31
Total Distance Travelled (Miles): 10.581
Total Distance Travelled (KM): 17.025

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

Average Speed (Mile/H) (Inc stoppages): 14.43
Average Speed (Miles/H) (Exc stoppages): 19.29
Average Speed (KM/H) (Inc stoppages): 23.22
Average Speed (KM/H) (Exc stoppages): 31.03

NOTES

- As noted for Route 1 PTW_BL, the PTW used was a marked Police PTW.
- The survey PTW did not use bus lanes all the time, but used the general traffic lanes if they were clear.
- When in the bus lane the PTW was observed to slow before overtaking cyclists.
- The PTW was observed to stay out of the bus lane if the rider could see that the lane width and downstream buses would prevent them from making progress. On occasions when the rider had used the bus lane and was slowed behind a bus, the rider looked for the opportunity to filter between buses and general traffic in lane 2. A lack of carriageway space between vehicles and the likelihood of riding over the 200mm wide bus lane markings could put riders at risk of collisions or slips.
- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, filtering to the right of slow-moving or stationary vehicles.

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes	
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)				
ROUTE START A41 Hendon Way (start from north of junction with Highfield Avenue)																	
	1	0.497	0.497	0.800	0.800	07:30:11	07:30:24	00:00:13	13	07:29:02	07:30:11	00:01:09	69	25.93	41.72		
	2	0.224	0.721	0.360	1.160	07:31:28	07:31:35	00:00:07	7	07:30:24	07:31:28	00:01:04	64	12.60	20.27		
	3	0.625	1.346	1.006	2.166	07:33:25	07:33:41	00:00:16	16	07:31:35	07:33:25	00:01:50	110	20.45	32.91		
	4	0.096	1.442	0.154	2.320	07:34:12	07:34:30	00:00:18	18	07:33:41	07:34:12	00:00:31	31	11.15	17.94		
	5	0.511	1.953	0.822	3.142	07:36:31	07:36:38	00:00:07	7	07:34:30	07:36:31	00:02:01	121	15.20	24.46	Riding in the bus lane in this section	
	6	0.501	2.454	0.806	3.948	07:38:17	07:38:21	00:00:04	4	07:36:38	07:38:17	00:01:39	99	18.22	29.31	Riding in the bus lane in this section	
	7	0.277	2.731	0.446	4.394	07:39:25	07:39:53	00:00:28	28	07:38:21	07:39:25	00:01:04	64	15.58	25.07		
	8	0.158	2.889	0.254	4.648	07:40:23	07:40:35	00:00:12	12	07:39:53	07:40:23	00:00:30	30	18.96	30.51		
	9	0.551	3.440	0.887	5.535	07:42:26	07:43:00	00:00:34	34	07:40:35	07:42:26	00:01:51	111	17.87	28.75		
	10	0.507	3.947	0.816	6.351	07:43:51	07:44:05	00:00:14	14	07:43:00	07:43:51	00:00:51	51	35.79	57.58		
	11	0.006	3.953	0.010	6.360	07:44:10	07:44:17	00:00:07	7	07:44:05	07:44:10	00:00:05	5	4.32	6.95	End time high?	
	12	0.668	4.621	1.075	7.435	07:46:32	07:46:55	00:00:23	23	07:44:17	07:46:32	00:02:15	135	17.81	28.66		
	13	0.133	4.754	0.214	7.649	07:47:29	07:47:44	00:00:15	15	07:46:55	07:47:29	00:00:34	34	14.08	22.66		
	14	0.414	5.168	0.666	8.315	07:49:13	07:49:23	00:00:10	10	07:47:44	07:49:13	00:01:29	89	16.75	26.94		
	15	0.142	5.310	0.228	8.544	07:49:48	07:50:48	00:01:00	60	07:49:23	07:49:48	00:00:25	25	20.45	32.90		
	16	0.127	5.437	0.204	8.748	07:51:25	07:51:33	00:00:08	8	07:50:48	07:51:25	00:00:37	37	12.36	19.88		
	17	0.059	5.496	0.095	8.843	07:52:02	07:52:27	00:00:25	25	07:51:33	07:52:02	00:00:29	29	7.32	11.78		
	18	0.487	5.983	0.784	9.627	07:54:15	07:54:33	00:00:18	18	07:52:27	07:54:15	00:01:48	108	16.23	26.12		
	19	1.098	7.081	1.767	11.393	07:57:02	07:57:30	00:00:28	28	07:54:33	07:57:02	00:02:29	149	26.53	42.68		
	20	0.280	7.361	0.451	11.844	07:58:24	07:58:35	00:00:11	11	07:57:30	07:58:24	00:00:54	54	18.67	30.03		
	21	0.345	7.706	0.555	12.399	07:59:25	08:00:06	00:00:41	41	07:58:35	07:59:25	00:00:50	50	24.84	39.97		
	22	0.416	8.122	0.669	13.068	08:01:14	08:01:28	00:00:14	14	08:00:06	08:01:14	00:01:08	68	22.02	35.44		
	23	0.042	8.164	0.068	13.136	08:01:42	08:03:00	00:01:18	78	08:01:28	08:01:42	00:00:14	14	10.80	17.38		
	24	0.276	8.440	0.444	13.580	08:03:41	08:03:51	00:00:10	10	08:03:00	08:03:41	00:00:41	41	24.23	38.99		
	25	0.515	8.955	0.829	14.409	08:05:07	08:05:19	00:00:12	12	08:03:51	08:05:07	00:01:16	76	24.39	39.25		
	26	0.003	8.958	0.005	14.413	08:05:23	08:05:26	00:00:03	3	08:05:19	08:05:23	00:00:04	4	2.70	4.34		
	27	0.024	8.982	0.039	14.452	08:05:39	08:05:49	00:00:10	10	08:05:26	08:05:39	00:00:13	13	6.65	10.69		
	28	0.483	9.465	0.777	15.229	08:07:17	08:07:31	00:00:14	14	08:05:49	08:07:17	00:01:28	88	19.76	31.79		
	29	0.206	9.671	0.331	15.561	08:08:14	08:08:36	00:00:22	22	08:07:31	08:08:14	00:00:43	43	17.25	27.75		
	30	0.651	10.322	1.047	16.608	08:10:17	08:11:04	00:00:47	47	08:08:36	08:10:17	00:01:41	101	23.20	37.34		
	31	0.220	10.542	0.354	16.962	08:11:46	08:12:41	00:00:55	55	08:11:04	08:11:46	00:00:42	42	18.86	30.34		
		0.039	10.581	0.063	17.025	Final stop at Palestra				08:12:41	08:13:01	00:00:20	20	7.02	11.30		
ROUTE END Palestra, Blackfriars Road																	
Totals			10.581		17.025				664				1,975				

Route: B -A41 HENDON WAY TO PALESTRA
Date: Wednesday 20th January 2010

Survey Vehicle: PTW_GT
Time started (HH:MM:SS): 07:30:13
Time finished (HH:MM:SS): 08:18:36

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:48:23
Total Journey Time (Secs) (Inc stoppages): 2,903
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:37:04
Total Journey Time (Secs) (Exc stoppages): 2,224

Total Stoppages (Secs): 679
Total No. Of Stoppages: 31
Total Distance Travelled (Miles): 10.710
Total Distance Travelled (KM): 17.232

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

Average Speed (Mile/H) (Inc stoppages): 13.28
Average Speed (Miles/H) (Exc stoppages): 17.34
Average Speed (KM/H) (Inc stoppages): 21.37
Average Speed (KM/H) (Exc stoppages): 27.89

NOTES

- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, in all but one occasion, filtering to the right of slow-moving or stationary vehicles.
- Other PTWs can be observed using lengths of bus lane according to TFL's trial to permit PTWs to use some bus lanes. They are observed leaving the PTW in general traffic behind.
- No road works were observed on the route that caused any delays, but this could mean that road works on this route commenced after the AM peak. (A list was provided by TFL and reviewed by LTP Ltd)

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes	
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)				
ROUTE START A41 Hendon Way (start from north of junction with Highfield Avenue)																	
	1	1.367	1.367	2.200	2.200	07:34:38	07:34:54	00:00:16	16	07:30:13							
	2	0.091	1.458	0.146	2.346	07:35:26	07:35:45	00:00:19	19	07:34:54	07:35:26	00:00:32	32	18.57	29.88		
	3	0.516	1.974	0.830	3.176	07:37:53	07:37:58	00:00:05	5	07:35:45	07:37:53	00:02:08	128	14.51	23.35	Long run in bus lane in Finchley Road. At least 3 occasions observed during analysis.	
	4	0.721	2.695	1.160	4.336	07:40:29	07:40:58	00:00:29	29	07:37:58	07:40:29	00:02:31	151	17.19	27.66		
	5	0.223	2.918	0.359	4.695	07:41:45	07:41:54	00:00:09	9	07:40:58	07:41:45	00:00:47	47	17.08	27.48		
	6	0.741	3.659	1.192	5.887	07:44:06	07:44:18	00:00:12	12	07:41:54	07:44:06	00:02:12	132	20.21	32.52		
	7	0.329	3.988	0.529	6.417	07:45:17	07:45:31	00:00:14	14	07:44:18	07:45:17	00:00:59	59	20.07	32.30		
	8	0.695	4.683	1.118	7.535	07:47:57	07:48:12	00:00:15	15	07:45:31	07:47:57	00:02:26	146	17.14	27.57		
	9	0.127	4.810	0.204	7.739	07:48:47	07:49:04	00:00:17	17	07:48:12	07:48:47	00:00:35	35	13.06	21.02		
	10	0.421	5.231	0.677	8.417	07:50:30	07:50:41	00:00:11	11	07:49:04	07:50:30	00:01:26	86	17.62	28.36	In bus lane on Marylebone Road.	
	11	0.148	5.379	0.238	8.655	07:51:15	07:52:05	00:00:50	50	07:50:41	07:51:15	00:00:34	34	15.67	25.21		
	12	0.127	5.506	0.204	8.859	07:52:45	07:52:54	00:00:09	9	07:52:05	07:52:45	00:00:40	40	11.43	18.39		
	13	0.071	5.577	0.114	8.973	07:53:21	07:53:44	00:00:23	23	07:52:54	07:53:21	00:00:27	27	9.47	15.23		
	14	0.485	6.062	0.780	9.754	07:55:37	07:55:52	00:00:15	15	07:53:44	07:55:37	00:01:53	113	15.45	24.86		
	15	1.103	7.165	1.775	11.528	07:58:44	07:58:49	00:00:05	5	07:55:52	07:58:44	00:02:52	172	23.09	37.15		
	16	0.287	7.452	0.462	11.990	07:59:46	07:59:53	00:00:07	7	07:58:49	07:59:46	00:00:57	57	18.13	29.17		
	17	0.251	7.703	0.404	12.394	08:00:42	08:00:45	00:00:03	3	07:59:53	08:00:42	00:00:49	49	18.44	29.67		
	18	0.092	7.795	0.148	12.542	08:01:07	08:01:26	00:00:19	19	08:00:45	08:01:07	00:00:22	22	15.05	24.22		
	19	0.369	8.164	0.594	13.136	08:02:36	08:02:55	00:00:19	19	08:01:26	08:02:36	00:01:10	70	18.98	30.53		
	20	0.083	8.247	0.134	13.269	08:03:19	08:04:24	00:01:05	65	08:02:55	08:03:19	00:00:24	24	12.45	20.03	Vauxhall Bridge Road junction with Millbank	
	21	0.011	8.258	0.018	13.287	08:04:33	08:06:03	00:01:30	90	08:04:24	08:04:33	00:00:09	9	4.40	7.08	As above	
	22	0.705	8.963	1.134	14.421	08:08:01	08:08:18	00:00:17	17	08:06:03	08:08:01	00:01:58	118	21.51	34.61		
	23	0.082	9.045	0.132	14.553	08:08:42	08:08:54	00:00:12	12	08:08:18	08:08:42	00:00:24	24	12.30	19.79		
	24	0.013	9.058	0.021	14.574	08:09:05	08:09:39	00:00:34	34	08:08:54	08:09:05	00:00:11	11	4.25	6.85		
	25	0.016	9.074	0.026	14.600	08:09:50	08:10:10	00:00:20	20	08:09:39	08:09:50	00:00:11	11	5.24	8.43		
	26	0.029	9.103	0.047	14.647	08:10:33	08:10:44	00:00:11	11	08:10:10	08:10:33	00:00:23	23	4.54	7.30		
	27	0.629	9.732	1.012	15.659	08:12:34	08:12:51	00:00:17	17	08:10:44	08:12:34	00:01:50	110	20.59	33.12		
	28	0.054	9.786	0.087	15.746	08:13:09	08:13:26	00:00:17	17	08:12:51	08:13:09	00:00:18	18	10.80	17.38		
	29	0.107	9.893	0.172	15.918	08:13:49	08:14:11	00:00:22	22	08:13:26	08:13:49	00:00:23	23	16.75	26.95		
	30	0.555	10.448	0.893	16.811	08:16:19	08:17:33	00:01:14	74	08:14:11	08:16:19	00:02:08	128	15.61	25.12		
	31	0.209	10.657	0.336	17.147	08:18:12	08:18:15	00:00:03	3	08:17:33	08:18:12	00:00:39	39	19.29	31.04		
		0.053	10.710	0.085	17.232					08:18:15	08:18:36	00:00:21	21	9.09	14.62		
ROUTE END Palestra, Blackfriars Road																	
Totals			10.710		17.232				679				2,224				

Route: B -A41 HENDON WAY TO PALESTRA

Date: Wednesday 20th January 2010

Survey Vehicle: CAR_GT

Time started (HH:MM:SS): 07:30:44

Time finished (HH:MM:SS): 08:39:53

Total Journey Time (HH:MM:SS)(Inc stoppages): 01:09:09

Total Journey Time (Secs) (Inc stoppages): 4,149

Total Journey Time (HH:MM:SS)(Exc stoppages): 00:42:50

Total Journey Time (Secs) (Exc stoppages): 2,570

Total Stoppages (Secs): 1,579

Total No. Of Stoppages: 56

Total Distance Travelled (Miles): 10.710

Total Distance Travelled (KM): 17.232

Average Speed (Mile/H) (Inc stoppages): 9.29

Average Speed (Miles/H) (Exc stoppages): 15.00

Average Speed (KM/H) (Inc stoppages): 14.95

Average Speed (KM/H) (Exc stoppages): 24.14

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

NOTES

- Due to the car's inability to filter through traffic, it lost ground to the PTWs. The additional time taken to cover the same distance resulted in the car running through part of the busiest hour of the AM peak period when traffic volumes entering Central London are at their peak. This resulted in additional stoppages and delays as shown in the analysis table below.

- At the point where the driver turned down Allsop Street until they got back onto Marylebone Road, instead of using all of these stoppage and section journey times, we have instead looked at the comparative distances involved between the proposed route and the one taken and derived a comparative journey time.

This comparative journey time was arrived at by:

(i) comparing the Baker Street to Marylebone Road route the driver should have taken with the Allsop Street-Marylebone Road-Marylebone High Street-Marylebone Road route the driver did take. This was approx. 230metres compared to 880metres.

(ii) taking the time the driver took to make the detour and arrive at the junction of Marylebone Road with Baker Street (including stoppages) which was 485 seconds (07:56:34 to 08:04:39).

(iii) subtracting the time stopped looking at the map which was 137 seconds, leaving 348 seconds

(iv) and then multiplying the Baker Street proportion of the distance actually travelled by the actual journey time i.e. $230/880 = 0.26 \times 348 \text{ seconds} = 91 \text{ seconds}$.

(v) We then subtracted the total time taken to make the detour from the final Section Journey End Time (HH:MM:SS) and Duration (HH:MM:SS) and added the comparative Baker Street journey time to both as highlighted in bold red text at the base of the table i.e. 08:46:27-00:08:05+00:01:31=08:39:53 and 00:49:24-00:08:05+00:01:31=00:42:50.

(vi) We also subtracted the total detour time and added the comparative Baker Street journey time to the Total Duration (secs) as highlighted in bold red text i.e. $2,904-485+91=2,570\text{secs}$

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (KM)	Cummulative Route Length (KM)	Stoppage Times				Section Journey Times				Average Speeds By Section (KM/H)	Other Occurrences / Notes	
				Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)			
ROUTE START A41 Hendon Way (start from north of junction with Highfield Avenue)								07:30:44						
	1	These values could not be determined as the Police camera showed a message, 'Calib. Required'. There was no distance measurement shown on the DVD, hence the only speed measurements shown for this analysis are averages for the full route. The overall distance measurement used to arrive at these average speeds comes from the Route 10 PTW-GT survey.		07:32:02	07:32:15	00:00:13	13	07:30:44	07:32:02	00:01:18	78	See comments in length columns.		
	2		07:32:54	07:33:13	00:00:19	19	07:32:15	07:32:54	00:00:39	39				
	3		07:34:51	07:34:56	00:00:05	5	07:33:13	07:34:51	00:01:38	98				
	4		07:35:01	07:35:05	00:00:04	4	07:34:56	07:35:01	00:00:05	5				
	5		07:35:53	07:36:04	00:00:11	11	07:35:05	07:35:53	00:00:48	48				
	6		07:36:40	07:36:57	00:00:17	17	07:36:04	07:36:40	00:00:36	36				
	7		07:37:40	07:37:59	00:00:19	19	07:36:57	07:37:40	00:00:43	43				
	8		07:38:30	07:38:53	00:00:23	23	07:37:59	07:38:30	00:00:31	31				
	9		07:39:45	07:39:55	00:00:10	10	07:38:53	07:39:45	00:00:52	52				
	10		07:41:00	07:41:16	00:00:16	16	07:39:55	07:41:00	00:01:05	65				
	11		07:41:45	07:42:18	00:00:33	33	07:41:16	07:41:45	00:00:29	29				
	12		07:42:55	07:43:11	00:00:16	16	07:42:18	07:42:55	00:00:37	37				
	13		07:43:58	07:44:13	00:00:15	15	07:43:11	07:43:58	00:00:47	47				
	14		07:44:45	07:45:22	00:00:37	37	07:44:13	07:44:45	00:00:32	32				
	15		07:47:22	07:47:37	00:00:15	15	07:45:22	07:47:22	00:02:00	120				
	16		07:48:25	07:48:45	00:00:20	20	07:47:37	07:48:25	00:00:48	48				
	17		07:49:17	07:49:24	00:00:07	7	07:48:45	07:49:17	00:00:32	32				
	18		07:51:52	07:52:01	00:00:09	9	07:49:24	07:51:52	00:02:28	148				
	19		07:52:24	07:53:09	00:00:45	45	07:52:01	07:52:24	00:00:23	23				
	20		07:54:59	07:55:22	00:00:23	23	07:53:09	07:54:59	00:01:50	110				
		07:57:55	08:00:12	00:02:17	137	07:55:22	07:57:55	00:02:33	153					
		08:00:41	08:01:06	00:00:25	25	08:00:12	08:00:41	00:00:29	29					
		08:01:35	08:02:37	00:01:02	62	08:01:06	08:01:35	00:00:29	29					
		08:02:53	08:03:10	00:00:17	17	08:02:37	08:02:53	00:00:16	16					
		08:03:50	08:04:26	00:00:36	36	08:03:10	08:03:50	00:00:40	40					
	21	08:05:22	08:05:46	00:00:24	24	08:04:26	08:05:22	00:00:56	56					
	22	08:06:45	08:07:05	00:00:20	20	08:05:46	08:06:45	00:00:59	59					
	23	08:07:30	08:08:06	00:00:36	36	08:07:05	08:07:30	00:00:25	25					
	24	08:09:43	08:10:12	00:00:29	29	08:08:06	08:09:43	00:01:37	97					
	25	08:10:36	08:11:07	00:00:31	31	08:10:12	08:10:36	00:00:24	24					
	26	08:11:26	08:11:54	00:00:28	28	08:11:07	08:11:26	00:00:19	19					
	27	08:13:49	08:14:05	00:00:16	16	08:11:54	08:13:49	00:01:55	115					
	28	08:15:02	08:15:28	00:00:26	26	08:14:05	08:15:02	00:00:57	57					
	29	08:18:53	08:19:21	00:00:28	28	08:15:28	08:18:53	00:03:25	205					
											Driver mistakenly drove down Allsop Street instead of Baker Street, then paused to check map and how to get back on route in Marlybone Road. Not all of this time will be counted towards total journey time. See Notes above.			

Route Start and End point	Stoppages	Section Length (KM)	Cummulative Route Length (KM)	Stoppage Times				Section Journey Times				Average Speeds By Section (KM/H)	Other Occurrences / Notes
				Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)		
	30			08:20:06	08:20:10	00:00:04	4	08:19:21	08:20:06	00:00:45	45		
	31			08:20:28	08:21:13	00:00:45	45	08:20:10	08:20:28	00:00:18	18		
	32			08:22:03	08:22:24	00:00:21	21	08:21:13	08:22:03	00:00:50	50		
	33			08:22:42	08:24:01	00:01:19	79	08:22:24	08:22:42	00:00:18	18		
	34			08:25:13	08:25:20	00:00:07	7	08:24:01	08:25:13	00:01:12	72		
	35			08:26:07	08:26:21	00:00:14	14	08:25:20	08:26:07	00:00:47	47		
	36			08:26:53	08:27:33	00:00:40	40	08:26:21	08:26:53	00:00:32	32		
	37			08:28:16	08:28:28	00:00:12	12	08:27:33	08:28:16	00:00:43	43		
	38			08:29:04	08:29:21	00:00:17	17	08:28:28	08:29:04	00:00:36	36		
	39			08:29:43	08:30:28	00:00:45	45	08:29:21	08:29:43	00:00:22	22		
	40			08:30:34	08:30:46	00:00:12	12	08:30:28	08:30:34	00:00:06	6		
	41			08:30:58	08:31:37	00:00:39	39	08:30:46	08:30:58	00:00:12	12		
	42			08:31:41	08:31:57	00:00:16	16	08:31:37	08:31:41	00:00:04	4		
	43			08:32:20	08:32:42	00:00:22	22	08:31:57	08:32:20	00:00:23	23		
	44			08:32:53	08:33:07	00:00:14	14	08:32:42	08:32:53	00:00:11	11		
	45			08:33:58	08:34:14	00:00:16	16	08:33:07	08:33:58	00:00:51	51		
	46			08:34:27	08:34:56	00:00:29	29	08:34:14	08:34:27	00:00:13	13		
	47			08:35:08	08:35:32	00:00:24	24	08:34:56	08:35:08	00:00:12	12		
	48			08:35:44	08:36:12	00:00:28	28	08:35:32	08:35:44	00:00:12	12		
	49			08:37:35	08:38:34	00:00:59	59	08:36:12	08:37:35	00:01:23	23		
	50			08:39:21	08:39:28	00:00:07	7	08:38:34	08:39:21	00:00:47	47		
	51			08:39:45	08:40:18	00:00:33	33	08:39:28	08:39:45	00:00:17	17		
	52			08:40:29	08:41:08	00:00:39	39	08:40:18	08:40:29	00:00:11	11		
	53			08:42:03	08:42:10	00:00:07	7	08:41:08	08:42:03	00:00:55	55		
	54			08:42:32	08:42:58	00:00:26	26	08:42:10	08:42:32	00:00:22	22		
	55			08:44:28	08:44:38	00:00:10	10	08:42:58	08:44:28	00:01:30	90		
	56			08:45:24	08:46:06	00:00:42	42	08:44:38	08:45:24	00:00:46	46		
				Final stop at Palestra				08:46:06	08:46:27	00:00:21	21		
ROUTE END Palestra, Blackfriars Road									08:39:53	00:42:50			
Totals			17.232				1,579				2,570		

MODE JOURNEY TIME COMPARISON

Route: B -A41 HENDON WAY TO PALESTRA

Date: Wednesday 20th January 2010

Survey Vehicle: PTW_BL PTW_GT CAR_GT PTW_GT-PTW_BL CAR_GT-PTW_BL

Time started (HH:MM:SS): 07:29:02 07:30:13 07:30:44

Time finished (HH:MM:SS): 08:13:01 08:18:36 08:39:53

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:43:59 00:48:23 01:09:09 00:04:24 00:25:10

Total Journey Time (Secs) (Inc stoppages): 2,639 2,903 4,149 264 1,510

Total Journey Time (HH:MM:SS)(Exc stoppages): 00:32:55 00:37:04 00:42:50 00:04:09 00:09:55

Total Journey Time (Secs) (Exc stoppages): 1,975 2,224 2,570 249 595

Total Stoppages (Secs): 664 679 1,579 15 915

Total No. Of Stoppages 31 31 56 0 25

Total Distance Travelled (Miles): 10.581 10.710 10.710 0.129 0.129

Total Distance Travelled (KM): 17.025 17.232 17.232 0.207 0.207

Average Speed (Miles/H) (Inc stoppages): 14.43 13.28 9.29 -1.15 -5.14

Average Speed (Miles/H) (Exc stoppages): 19.29 17.34 15.00 -1.95 -4.28

Average Speed (KM/H) (Inc stoppages): 23.22 21.37 14.95 -1.85 -8.27

Average Speed (KM/H) (Exc stoppages): 31.03 27.89 24.14 -3.14 -6.89

Route: C - A3 ROEHAMPTON VALE TO PALESTRA
Date: Thursday 21st January 2010

Survey Vehicle: PTW_BL
Time started (HH:MM:SS): 07:38:44
Time finished (HH:MM:SS): 08:22:14

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:43:30
Total Journey Time (Secs) (Inc stoppages): 2,610
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:33:31
Total Journey Time (Secs) (Exc stoppages): 2,011

Total Stoppages (Secs): 599
Total No. Of Stoppages: 27
Total Distance Travelled (Miles): 10.993
Total Distance Travelled (KM): 17.688

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

Average Speed (Mile/H) (Inc stoppages): 15.16
Average Speed (Miles/H) (Exc stoppages): 19.68
Average Speed (KM/H) (Inc stoppages): 24.40
Average Speed (KM/H) (Exc stoppages): 31.66

Rows coloured like this indicate sections of the route that include lengths of bus lane

NOTES

- As noted for Route 1 PTW_BL, the PTW used was a marked Police PTW.
- The survey PTW did not use bus lanes all the time, but used the general traffic lanes if they were clear.
- When in the bus lane the PTW was observed to slow before overtaking cyclists.
- The PTW was observed to stay out of the bus lane if the rider could see that the lane width and downstream buses would prevent them from making progress. On occasions when the rider had used the bus lane and was slowed behind a bus, the rider looked for the opportunity to filter between buses and general traffic in lane 2. A lack of carriageway space between vehicles and the likelihood of riding over the 200mm wide bus lane markings could put riders at risk of collisions or slips.
- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, filtering to the right of slow-moving or stationary vehicles.
- The detour accounted for in note 8 took a total time of 3 mins and 4 seconds. This combined journey and stoppage time over this section would not have been so long had the detour not been taken. Instead the stoppage time at the junction of Upper Richmond Road with Queen's Ride has been substituted as the total journey time for this section; this is equal to 00:03:04-00:01:00 = 00:02:04 subtracted from the final Section Journey End Time (HH:MM:SS) and Duration (HH:MM:SS and Secs) as shown on bold red text.
- The stoppage accounted for in note 11 would not normally occur and has been subtracted from the final Section Journey End Time (HH:MM:SS) and Duration (Secs) as shown in bold red text.

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes	
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)				
ROUTE START A3 Roehampton Vale (start from A308 at give way junction with A3 Robin Hood Way (Kingston Bypass))																	
	1	0.020	0.020	0.032	0.032	07:39:25	07:39:42	00:00:17	17	07:38:44	07:39:25	00:00:41	41	1.76	2.83		
	2	0.233	0.253	0.375	0.407	07:40:32	07:40:37	00:00:05	5	07:39:42	07:40:32	00:00:50	50	16.78	26.99		
	3	1.264	1.517	2.034	2.441	07:44:52	07:45:15	00:00:23	23	07:40:37	07:44:52	00:04:15	255	17.84	28.71		
	4	0.275	1.792	0.442	2.883	07:46:09	07:46:12	00:00:03	3	07:45:15	07:46:09	00:00:54	54	18.33	29.50		
	5	0.055	1.847	0.088	2.972	07:46:24	07:46:32	00:00:08	8	07:46:12	07:46:24	00:00:12	12	16.50	26.55		
	6	0.072	1.919	0.116	3.088	07:46:47	07:47:13	00:00:26	26	07:46:32	07:46:47	00:00:15	15	17.28	27.80		
	7	0.736	2.655	1.184	4.272	07:48:45	07:48:48	00:00:03	3	07:47:13	07:48:45	00:01:32	92	28.80	46.34		
	8	0.176	2.831	0.283	4.555	07:50:10	07:50:57	00:00:47	47	07:48:48	07:50:10	00:01:22	82	7.73	12.43	Accidentally drove down Rocks Lane before u-turning and driving down Queen's Ride before stopping to consult a streetmap and then turning onto Upper Richmond Road. This detour will not be counted, as it would not normally occur.	
	9	0.014	2.845	0.023	4.578	07:51:03	07:52:03	00:01:00	60	07:50:57	07:51:03	00:00:06	6	8.40	13.52		
	10	1.781	4.626	2.866	7.443	07:57:18	07:57:33	00:00:15	15	07:52:03	07:57:18	00:05:15	315	20.35	32.75		
		0.291	4.917	0.468	7.911	07:58:51	07:59:22	00:00:31	31	07:57:33	07:58:51	00:01:18	78	13.43	21.61	Stopped to look at map. This stoppage will not be counted, as it would not normally occur.	
	11	0.582	5.499	0.936	8.848	08:00:53	08:01:50	00:00:57	57	07:59:22	08:00:53	00:01:31	91	23.02	37.05		
	12	0.069	5.568	0.111	8.959	08:02:18	08:02:37	00:00:19	19	08:01:50	08:02:18	00:00:28	28	8.87	14.27		
	13	0.060	5.628	0.097	9.055	08:03:02	08:03:27	00:00:25	25	08:02:37	08:03:02	00:00:25	25	8.64	13.90		
	14	0.658	6.286	1.059	10.114	08:05:08	08:05:33	00:00:25	25	08:03:27	08:05:08	00:01:41	101	23.45	37.74		
	15	0.181	6.467	0.291	10.405	08:06:12	08:06:25	00:00:13	13	08:05:33	08:06:12	00:00:39	39	16.71	26.88		
	16	0.147	6.614	0.237	10.642	08:07:23	08:07:30	00:00:07	7	08:06:25	08:07:23	00:00:58	58	9.12	14.68		
	17	1.002	7.616	1.612	12.254	08:10:19	08:10:24	00:00:05	5	08:07:30	08:10:19	00:02:49	169	21.34	34.34		
	18	1.065	8.681	1.714	13.968	08:13:19	08:13:32	00:00:13	13	08:10:24	08:13:19	00:02:55	175	21.91	35.25		
	19	0.164	8.845	0.264	14.232	08:14:06	08:14:17	00:00:11	11	08:13:32	08:14:06	00:00:34	34	17.36	27.94		
	20	0.553	9.398	0.890	15.121	08:15:45	08:16:01	00:00:16	16	08:14:17	08:15:45	00:01:28	88	22.62	36.40		
	21	0.472	9.870	0.759	15.881	08:17:12	08:17:52	00:00:40	40	08:16:01	08:17:12	00:01:11	71	23.93	38.51		
	22	0.158	10.028	0.254	16.135	08:18:33	08:18:43	00:00:10	10	08:17:52	08:18:33	00:00:41	41	13.87	22.32		
	23	0.057	10.085	0.092	16.227	08:19:07	08:19:39	00:00:32	32	08:18:43	08:19:07	00:00:24	24	8.55	13.76		
	24	0.142	10.227	0.228	16.455	08:20:07	08:20:42	00:00:35	35	08:19:39	08:20:07	00:00:28	28	18.26	29.38		
	25	0.025	10.252	0.040	16.495	08:20:51	08:21:07	00:00:16	16	08:20:42	08:20:51	00:00:09	9	10.00	16.09		
	26	0.472	10.724	0.759	17.255	08:22:45	08:23:14	00:00:29	29	08:21:07	08:22:45	00:01:38	98	17.34	27.90		
	27	0.211	10.935	0.399	17.594	08:23:51	08:24:30	00:00:39	39	08:23:14	08:23:51	00:00:37	37	20.53	33.03		
		0.058	10.993	0.093	17.688	Final stop at Palestra				08:24:30	08:24:49	00:00:19	19	10.99	17.68		
ROUTE END Palestra, Blackfriars Road											08:22:14	00:33:31					
Totals			10.993		17.688				599				2,011				

Route: C - A3 ROEHAMPTON VALE TO PALESTRA

Date: Thursday 21st January 2010

Survey Vehicle: PTW_GT

Time started (HH:MM:SS): 07:40:29

Time finished (HH:MM:SS): 08:39:10

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:58:41
Total Journey Time (Secs) (Inc stoppages): 3,521
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:43:00
Total Journey Time (Secs) (Exc stoppages): 2,580

Total Stoppages (Secs): 941
Total No. Of Stoppages: 50
Total Distance Travelled (Miles): 11.039
Total Distance Travelled (KM): 17.762

I.e. Where survey vehicle comes to a complete stop and speed is 0kph.

Average Speed (Mile/H) (Inc stoppages): 11.29
Average Speed (Miles/H) (Exc stoppages): 15.40
Average Speed (KM/H) (Inc stoppages): 18.16
Average Speed (KM/H) (Exc stoppages): 24.78

Rows coloured like this indicate sections of the route that include lengths of bus lane

NOTES

- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, in all but one occasion, filtering to the right of slow-moving or stationary vehicles.
- Other PTWs can be observed using lengths of bus lane according to TFL's trial to permit PTWs to use some bus lanes. They are observed leaving the PTW in general traffic behind.
- No road works were observed on the route that caused any delays, but this could mean that road works on this route commenced after the AM peak. (A list was provided by TFL and reviewed by LTP Ltd)

Table with columns: Route Start and End point, Stoppages, Section Length (Miles), Cumulative Route Length (Miles), Section Length (KM), Cumulative Route Length (Kilometres), Stoppage Times (Start Time, End Time, Duration), Section Journey Times (Start Time, End Time, Duration), Average Speeds (Miles/H, KM/H), and Other Occurrences / Notes. Rows include route details and a Totals row.

MODE JOURNEY TIME COMPARISON

Route: C - A3 ROEHAMPTON VALE TO PALESTRA

Date: Thursday 21st January 2010

Survey Vehicle: PTW_BL PTW_GT PTW_GT-PTW_BL

Time started (HH:MM:SS): 07:38:44 07:40:29

Time finished (HH:MM:SS): 08:22:14 08:39:10

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:43:30 00:58:41 00:15:11

Total Journey Time (Secs) (Inc stoppages): 2,610 3,521 911

Total Journey Time (HH:MM:SS)(Exc stoppages): 00:33:31 00:43:00 00:09:29

Total Journey Time (Secs) (Exc stoppages): 2,011 2,580 569

Total Stoppages (Secs): 599 941 342

Total No. Of Stoppages 27 50 23

Total Distance Travelled (Miles): 10.993 11.039 0.046

Total Distance Travelled (KM): 17.688 17.762 0.074

Average Speed (Miles/H) (Inc stoppages): 15.16 11.29 -3.88

Average Speed (Miles/H) (Exc stoppages): 19.68 15.40 -4.28

Average Speed (KM/H) (Inc stoppages): 24.40 18.16 -6.24

Average Speed (KM/H) (Exc stoppages): 31.66 24.78 -6.88

Route: D - A21 BROMLEY COMMON TO PALESTRA

Date: Wednesday 10th February 2010

Survey Vehicle: PTW_BL

Time started (HH:MM:SS): 07:29:32

Time finished (HH:MM:SS): 08:26:39

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:57:07

Total Journey Time (Secs) (Inc stoppages): 3,427

Total Journey Time (HH:MM:SS)(Exc stoppages): 00:45:18

Total Journey Time (Secs) (Exc stoppages): 2,718

Total Stoppages (Secs): 709

Total No. Of Stoppages: 38

Total Distance Travelled (Miles): 14.925

Total Distance Travelled (KM): 24.014

Average Speed (Mile/H) (Inc stoppages): 15.68

Average Speed (Miles/H) (Exc stoppages): 19.77

Average Speed (KM/H) (Inc stoppages): 25.23

Average Speed (KM/H) (Exc stoppages): 31.81

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

NOTES

- As noted for Route 1 PTW_BL, the PTW used was a marked Police PTW.

- The survey PTW did not use bus lanes all the time, but used the general traffic lanes if they were clear.

- When in the bus lane the PTW was observed to slow before overtaking cyclists.

- The PTW was observed to stay out of the bus lane if the rider could see that the lane width and downstream buses would prevent them from making progress. On occasions when the rider had used the bus lane and was slowed behind a bus, the rider looked for the opportunity to filter between buses and general traffic in lane 2. A lack of carriageway space between vehicles and the likelihood of riding over the 200mm wide bus lane markings could put riders at risk of collisions or slips.

- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, filtering to the right of slow-moving or stationary vehicles.

- Roadworks in the bus lane in Bromley Road prevented PTW from by-passing a queue.

- The stoppage where the Police rider stopped to talk to a car driver at around 08:00 has been subtracted from the final Section Journey End Time (HH:MM:SS) as shown on bold red text.

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)			
ROUTE START						07:29:32										
A21 Bromley Common (start from)																
	1	1.309	1.309	2.106	2.106	07:33:02	07:33:45	00:00:43	43	07:29:32	07:33:02	00:03:30	210	22.44	36.11	
	2	0.346	1.655	0.557	2.663	07:34:45	07:34:49	00:00:04	4	07:33:45	07:34:45	00:01:00	60	20.76	33.40	
	3	0.378	2.033	0.608	3.271	07:35:45	07:36:02	00:00:17	17	07:34:49	07:35:45	00:00:56	56	24.30	39.10	
	4	0.167	2.200	0.269	3.540	07:36:31	07:37:44	00:01:13	73	07:36:02	07:36:31	00:00:29	29	20.73	33.36	
	5	1.699	3.899	2.734	6.273	07:41:40	07:42:21	00:00:41	41	07:37:44	07:41:40	00:03:56	236	25.92	41.70	
	6	0.320	4.219	0.515	6.788	07:43:15	07:43:46	00:00:31	31	07:42:21	07:43:15	00:00:54	54	21.33	34.33	
	7	0.761	4.980	1.224	8.013	07:45:31	07:45:58	00:00:27	27	07:43:46	07:45:31	00:01:45	105	26.09	41.98	
	8	0.532	5.512	0.856	8.869	07:47:10	07:47:19	00:00:09	9	07:45:58	07:47:10	00:01:12	72	26.60	42.80	
	9	0.771	6.283	1.241	10.109	07:49:22	07:49:26	00:00:04	4	07:47:19	07:49:22	00:02:03	123	22.57	36.31	
	10	0.097	6.380	0.156	10.265	07:49:47	07:49:52	00:00:05	5	07:49:26	07:49:47	00:00:21	21	16.63	26.76	Lewisham High Street jw Ladywell Road
	11	0.081	6.461	0.130	10.396	07:50:24	07:50:35	00:00:11	11	07:49:52	07:50:24	00:00:32	32	9.11	14.66	
	12	0.980	7.441	1.577	11.973	07:53:51	07:54:00	00:00:09	9	07:50:35	07:53:51	00:03:16	196	18.00	28.96	
	13	0.699	8.140	1.125	13.097	07:56:02	07:56:15	00:00:13	13	07:54:00	07:56:02	00:02:02	122	20.63	33.19	
	14	0.681	8.821	1.096	14.193	07:58:01	07:58:11	00:00:10	10	07:56:15	07:58:01	00:01:46	106	23.13	37.21	
	15	0.309	9.130	0.497	14.690	07:58:57	07:59:19	00:00:22	22	07:58:11	07:58:57	00:00:46	46	24.18	38.91	
	16	0.159	9.289	0.256	14.946	08:00:02	08:00:09	00:00:07	7	07:59:19	08:00:02	00:00:43	43	13.31	21.42	
		0.097	9.386	0.156	15.102	08:00:42	08:01:15	00:00:33	33	08:00:09	08:00:42	00:00:33	33	10.58	17.03	Stopped to talk to a driver who pulled out of a side road, and forced his way into traffic. This stoppage will be removed as it would not normally occur.
	17	0.548	9.934	0.882	15.984	08:03:05	08:03:39	00:00:34	34	08:01:15	08:03:05	00:01:50	110	17.93	28.86	
	18	0.177	10.111	0.285	16.269	08:04:13	08:04:53	00:00:40	40	08:03:39	08:04:13	00:00:34	34	18.74	30.15	
	19	0.325	10.436	0.523	16.792	08:05:50	08:05:53	00:00:03	3	08:04:53	08:05:50	00:00:57	57	20.53	33.03	
	20	0.290	10.726	0.467	17.258	08:06:57	08:07:28	00:00:31	31	08:05:53	08:06:57	00:01:04	64	16.31	26.25	
	21	0.267	10.993	0.430	17.688	08:08:36	08:08:50	00:00:14	14	08:07:28	08:08:36	00:01:08	68	14.14	22.74	
	22	0.039	11.032	0.063	17.750	08:09:03	08:09:20	00:00:17	17	08:08:50	08:09:03	00:00:13	13	10.80	17.38	
	23	0.042	11.074	0.068	17.818	08:09:38	08:09:43	00:00:05	5	08:09:20	08:09:38	00:00:18	18	8.40	13.52	
	24	0.028	11.102	0.045	17.863	08:10:01	08:10:14	00:00:13	13	08:09:43	08:10:01	00:00:18	18	5.60	9.01	
	25	0.070	11.172	0.113	17.976	08:10:47	08:10:53	00:00:06	6	08:10:14	08:10:47	00:00:33	33	7.64	12.29	
	26	0.007	11.179	0.011	17.987	08:11:03	08:11:30	00:00:27	27	08:10:53	08:11:03	00:00:10	10	2.52	4.05	
	27	0.103	11.282	0.166	18.153	08:11:55	08:11:58	00:00:03	3	08:11:30	08:11:55	00:00:25	25	14.83	23.86	
	28	0.505	11.787	0.813	18.965	08:13:38	08:13:43	00:00:05	5	08:11:58	08:13:38	00:01:40	100	18.18	29.25	
	29	0.450	12.237	0.724	19.689	08:14:57	08:15:09	00:00:12	12	08:13:43	08:14:57	00:01:14	74	21.89	35.22	
	30	0.163	12.400	0.262	19.952	08:15:37	08:16:01	00:00:24	24	08:15:09	08:15:37	00:00:28	28	20.96	33.72	
	31	0.210	12.610	0.338	20.289	08:16:42	08:16:55	00:00:13	13	08:16:01	08:16:42	00:00:41	41	18.44	29.67	
	32	0.048	12.658	0.077	20.367	08:17:09	08:17:40	00:00:31	31	08:16:55	08:17:09	00:00:14	14	12.34	19.86	
	33	0.681	13.339	1.096	21.462	08:19:41	08:19:44	00:00:03	3	08:17:40	08:19:41	00:02:01	121	20.26	32.60	
	34	0.629	13.968	1.012	22.475	08:21:45	08:21:55	00:00:10	10	08:19:44	08:21:45	00:02:01	121	18.71	30.11	
	35	0.209	14.177	0.336	22.811	08:22:47	08:23:17	00:00:30	30	08:21:55	08:22:47	00:00:52	52	14.47	23.28	
	36	0.030	14.207	0.048	22.859	08:23:33	08:23:59	00:00:26	26	08:23:17	08:23:33	00:00:16	16	6.75	10.86	
	37	0.088	14.295	0.142	23.001	08:24:29	08:24:38	00:00:09	9	08:23:59	08:24:29	00:00:30	30	10.56	16.99	
	38	0.071	14.366	0.114	23.115	08:24:57	08:25:24	00:00:27	27	08:24:38	08:24:57	00:00:19	19	13.45	21.65	
		0.559	14.925	0.899	24.014	Final stop at Palestra				08:25:24	08:27:12	00:01:48	108	18.63	29.98	
ROUTE END																
Palestra, Blackfriars Road																
Totals			14.925		24.014				709		08:26:39	00:45:18				

Route: D - A21 BROMLEY COMMON TO PALESTRA

Date: Wednesday 10th February 2010

Survey Vehicle: PTW_GT

Time started (HH:MM:SS): 07:30:59

Time finished (HH:MM:SS): 08:32:52

Total Journey Time (HH:MM:SS)(Inc stoppages): 01:01:53

Total Journey Time (Secs) (Inc stoppages): 3,713

Total Journey Time (HH:MM:SS)(Exc stoppages): 00:50:49

Total Journey Time (Secs) (Exc stoppages): 3,049

Total Stoppages (Secs): 664

Total No. Of Stoppages: 43

Total Distance Travelled (Miles): 14.961

Total Distance Travelled (KM): 24.072

Average Speed (Mile/H) (Inc stoppages): 14.51

Average Speed (Miles/H) (Exc stoppages): 17.66

Average Speed (KM/H) (Inc stoppages): 23.34

Average Speed (KM/H) (Exc stoppages): 28.42

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

NOTES

- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, in all but one occasion, filtering to the right of slow-moving or stationary vehicles.
 - Other PTWs can be observed using lengths of bus lane according to TFL's trial to permit PTWs to use some bus lanes. They are observed leaving the PTW in general traffic behind.
 - No road works were observed on the route that caused any delays, but this could mean that road works on this route commenced after the AM peak. (A list was provided by TFL and reviewed by LTP Ltd)
 - Recording ends at 1:04:02 into the DVD, at 08:26:44. The PTW is at the junction of Lambeth Palace Road with Westminster Bridge Road. TO APPROXIMATE THE REMAINING JT, STOPPAGES AND STOPPAGE DURATION(S) WE USED THE PTW_BL SECTION BETWEEN THE SAME JUNCTION AND PALESTRA AS A PROXY.
 This results in the following changes to the data as shown in bold red text.
Stoppages = 38 + 5 (stoppages between Lambeth Palace Rd jw Westminster Bridge Rd) = 43
Section Length = AS WE HAVE SEVERAL STOPPAGES BUT WE COULD ONLY SPECULATE ON THESE LENGTHS, THIS HAS BEEN LEFT BLANK
Cummulative Route Length = 13.841 miles + 1.12 miles (remaining distance between Lambeth Palace Rd jw Westminster Bridge Rd and Palestra) = 14.961 miles
Stoppage Times = 08:26:40 (final stoppage end time from PTW_GT at LPRd jw WBRd) + 00:01:42 (total remaining stoppages between LPRd jw WBRd and Palestra from PTW_BL) = 08:28:22
(Final) Stoppage Duration = 38 secs + 102 secs (total remaining stoppages between LPRd jw WBRd and Palestra from PTW_BL) = 140 secs
(Final) Section End Time = 08:26:40 (original/last PTW_GT stoppage end time) + 00:06:12 (remaining total journey time inc stoppages between LPRd jw WBRd from PTW_BL) = 08:32:52.

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (Miles)	Cummulative Route Length (Miles)	Section Length (KM)	Cummulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes	
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)				
ROUTE START																	
A21 Bromley Common (start from)										07:30:59							
	1	0.682	0.682	1.097	1.097	07:32:31	07:32:40	00:00:09	9	07:30:59	07:32:31	00:01:32	92	26.69	42.94		
	2	0.617	1.299	0.993	2.090	07:34:53	07:35:00	00:00:07	7	07:32:40	07:34:53	00:02:13	133	16.70	26.87		
	3	0.722	2.021	1.162	3.252	07:37:06	07:37:18	00:00:12	12	07:35:00	07:37:06	00:02:06	126	20.63	33.19		
	4	0.168	2.189	0.270	3.522	07:37:52	07:38:59	00:01:07	67	07:37:18	07:37:52	00:00:34	34	17.79	28.62		
	5	1.704	3.893	2.742	6.264	07:43:01	07:43:46	00:00:45	45	07:38:59	07:43:01	00:04:02	242	25.35	40.79		
	6	1.079	4.972	1.736	8.000	07:46:51	07:47:12	00:00:21	21	07:43:46	07:46:51	00:03:05	185	21.00	33.78		
	7	0.530	5.502	0.853	8.853	07:48:30	07:48:47	00:00:17	17	07:47:12	07:48:30	00:01:18	78	24.46	39.36		
	8	0.068	5.570	0.109	8.962	07:49:09	07:49:44	00:00:35	35	07:48:47	07:49:09	00:00:22	22	11.13	17.90		
	9	0.620	6.190	0.998	9.960	07:51:35	07:51:42	00:00:07	7	07:49:44	07:51:35	00:01:51	111	20.11	32.35		
	10	0.162	6.352	0.261	10.220	07:52:31	07:52:36	00:00:05	5	07:51:42	07:52:31	00:00:49	49	11.90	19.15		
	11	0.106	6.458	0.171	10.391	07:53:16	07:54:00	00:00:44	44	07:52:36	07:53:16	00:00:40	40	9.54	15.35	Lewisham High Street jw Ladywell Road	
	12	0.099	6.557	0.159	10.550	07:54:22	07:54:31	00:00:09	9	07:54:00	07:54:22	00:00:22	22	16.20	26.07		
	13	0.528	7.085	0.850	11.400	07:56:01	07:56:10	00:00:09	9	07:54:31	07:56:01	00:01:30	90	21.12	33.98		
	14	0.640	7.725	1.030	12.430	07:58:21	07:58:34	00:00:13	13	07:56:10	07:58:21	00:02:11	131	17.59	28.30		
	15	0.418	8.143	0.673	13.102	07:59:53	08:00:06	00:00:13	13	07:58:34	07:59:53	00:01:19	79	19.05	30.65		
	16	1.136	9.279	1.828	14.930	08:04:22	08:04:24	00:00:02	2	08:00:06	08:04:22	00:04:16	256	15.98	25.70		
	17	0.124	9.403	0.200	15.129	08:04:57	08:05:07	00:00:10	10	08:04:24	08:04:57	00:00:33	33	13.53	21.77		
	18	0.289	9.692	0.465	15.594	08:05:59	08:06:22	00:00:23	23	08:05:07	08:05:59	00:00:52	52	20.01	32.19		
	19	0.059	9.751	0.095	15.689	08:06:39	08:06:55	00:00:16	16	08:06:22	08:06:39	00:00:17	17	12.49	20.10		
	20	0.132	9.883	0.212	15.902	08:07:33	08:07:47	00:00:14	14	08:06:55	08:07:33	00:00:38	38	12.51	20.12		
	21	0.089	9.972	0.143	16.045	08:08:08	08:08:09	00:00:01	1	08:07:47	08:08:08	00:00:21	21	15.26	24.55		
	22	0.136	10.108	0.219	16.264	08:08:45	08:08:49	00:00:04	4	08:08:09	08:08:45	00:00:36	36	13.60	21.88		
	23	0.361	10.469	0.581	16.845	08:09:58	08:10:14	00:00:16	16	08:08:49	08:09:58	00:01:09	69	18.83	30.31		
	24	0.326	10.795	0.525	17.369	08:11:24	08:11:37	00:00:13	13	08:10:14	08:11:24	00:01:10	70	16.77	26.98		
	25	0.076	10.871	0.122	17.491	08:11:57	08:12:08	00:00:11	11	08:11:37	08:11:57	00:00:20	20	13.68	22.01		
	26	0.103	10.974	0.166	17.657	08:12:53	08:13:00	00:00:07	7	08:12:08	08:12:53	00:00:45	45	8.24	13.26		
	27	0.051	11.025	0.082	17.739	08:13:26	08:13:42	00:00:16	16	08:13:00	08:13:26	00:00:26	26	7.06	11.36		
	28	0.059	11.084	0.095	17.834	08:14:01	08:14:03	00:00:02	2	08:13:42	08:14:01	00:00:19	19	11.18	17.99		
	29	0.119	11.203	0.191	18.026	08:14:47	08:14:56	00:00:09	9	08:14:03	08:14:47	00:00:44	44	9.74	15.67		
	30	0.031	11.234	0.050	18.076	08:15:18	08:15:25	00:00:07	7	08:14:56	08:15:18	00:00:22	22	5.07	8.16		
	31	0.151	11.385	0.243	18.318	08:16:07	08:16:11	00:00:04	4	08:15:25	08:16:07	00:00:42	42	12.94	20.83		
	32	0.188	11.573	0.302	18.621	08:16:53	08:16:55	00:00:02	2	08:16:11	08:16:53	00:00:42	42	16.11	25.93		
	33	0.120	11.693	0.193	18.814	08:17:35	08:17:37	00:00:02	2	08:16:55	08:17:35	00:00:40	40	10.80	17.38		
	34	0.927	12.620	1.492	20.306	08:21:01	08:21:19	00:00:18	18	08:17:37	08:21:01	00:03:24	204	16.36	26.32		
	35	0.055	12.675	0.088	20.394	08:21:46	08:21:54	00:00:08	8	08:21:19	08:21:46	00:00:27	27	7.33	11.80		
	36	0.411	13.086	0.661	21.055	08:23:21	08:23:32	00:00:11	11	08:21:54	08:23:21	00:01:27	87	17.01	27.36		
	37	0.189	13.275	0.304	21.359	08:24:05	08:24:20	00:00:15	15	08:23:32	08:24:05	00:00:33	33	20.62	33.17		
	38	0.566	13.841	0.911	22.270	08:26:02	08:28:22	00:02:20	140	08:24:20	08:26:02	00:01:42	102	19.98	32.14		
	43		14.961		24.072					Final stop at Palestra	08:28:22	08:32:52	00:04:30	270			
ROUTE END																	
Palestra, Blackfriars Road																	
Totals			14.961		24.072				664		08:32:52	00:50:49		3,049			

52	0.055	10.757	0.088	17.308	10:37:55	10:38:18	00:00:23	23	10:37:22	10:37:55	00:00:33	33	6.00	9.65															
53	0.089	10.846	0.143	17.451	10:38:54	10:39:33	00:00:39	39	10:38:18	10:38:54	00:00:36	36	8.90	14.32															
54	0.038	10.884	0.061	17.512	10:39:51	10:39:58	00:00:07	7	10:39:33	10:39:51	00:00:18	18	7.60	12.23															
55	0.037	10.921	0.060	17.572	10:40:34	10:40:55	00:00:21	21	10:39:58	10:40:34	00:00:36	36	3.70	5.95															
56	0.021	10.942	0.034	17.606	10:41:07	10:41:13	00:00:06	6	10:40:55	10:41:07	00:00:12	12	6.30	10.14															
57	0.034	10.976	0.055	17.660	10:41:36	10:41:55	00:00:19	19	10:41:13	10:41:36	00:00:23	23	5.32	8.56															
58	0.027	11.003	0.043	17.704	10:42:07	10:42:22	00:00:15	15	10:41:55	10:42:07	00:00:12	12	8.10	13.03															
59	0.004	11.007	0.006	17.710	10:42:28	10:42:47	00:00:19	19	10:42:22	10:42:28	00:00:06	6	2.40	3.86															
60	0.009	11.016	0.014	17.725	10:42:59	10:43:03	00:00:04	4	10:42:47	10:42:59	00:00:12	12	2.70	4.34															
61	0.020	11.036	0.032	17.757	10:43:27	10:43:32	00:00:05	5	10:43:03	10:43:27	00:00:24	24	3.00	4.83															
62	0.069	11.105	0.111	17.868	10:43:59	10:44:09	00:00:10	10	10:43:32	10:43:59	00:00:27	27	9.20	14.80															
63	0.021	11.126	0.034	17.902	10:44:30	10:44:37	00:00:07	7	10:44:09	10:44:30	00:00:21	21	3.60	5.79															
64	0.009	11.135	0.014	17.916	10:44:46	10:44:50	00:00:04	4	10:44:37	10:44:46	00:00:09	9	3.60	5.79															
65	0.032	11.167	0.051	17.968	10:45:09	10:45:15	00:00:06	6	10:44:50	10:45:09	00:00:19	19	6.05	9.76															
66	0.012	11.179	0.019	17.987	10:45:26	10:45:36	00:00:10	10	10:45:15	10:45:26	00:00:11	11	3.93	6.32															
67	0.034	11.213	0.055	18.042	10:46:04	10:46:12	00:00:08	8	10:45:36	10:46:04	00:00:28	28	4.37	7.03															
68	0.059	11.272	0.095	18.137	10:46:50	10:47:15	00:00:25	25	10:46:12	10:46:50	00:00:38	38	5.59	8.99															
69	0.683	11.955	1.099	19.236	10:50:01	10:50:12	00:00:11	11	10:47:15	10:50:01	00:02:46	166	14.81	23.83															
70	0.262	12.217	0.422	19.657	10:51:03	10:51:20	00:00:17	17	10:50:12	10:51:03	00:00:51	51	18.49	29.76															
71	0.141	12.358	0.227	19.884	10:51:53	10:51:59	00:00:06	6	10:51:20	10:51:53	00:00:33	33	15.38	24.75															
72	0.237	12.595	0.381	20.265	10:52:53	10:53:16	00:00:23	23	10:51:59	10:52:53	00:00:54	54	15.80	25.42															
73	0.052	12.647	0.084	20.349	10:53:38	10:53:55	00:00:17	17	10:53:16	10:53:38	00:00:22	22	8.51	13.69															
74	0.381	13.028	0.613	20.962	10:55:19	10:55:24	00:00:05	5	10:53:55	10:55:19	00:01:24	84	16.33	26.27															
75	0.233	13.261	0.375	21.337	10:56:54	10:57:20	00:00:26	26	10:55:24	10:56:54	00:01:30	90	9.32	15.00															
76	0.019	13.280	0.031	21.368	10:57:36	10:57:47	00:00:11	11	10:57:20	10:57:36	00:00:16	16	4.27	6.88															
77	0.010	13.290	0.016	21.384	10:58:00	10:58:34	00:00:34	34	10:57:47	10:58:00	00:00:13	13	2.77	4.46															
78	0.007	13.297	0.011	21.395	10:58:41	10:59:07	00:00:26	26	10:58:34	10:58:41	00:00:07	7	3.60	5.79															
79	0.018	13.315	0.029	21.424	10:59:23	10:59:43	00:00:20	20	10:59:07	10:59:23	00:00:16	16	4.05	6.52															
80	0.017	13.332	0.027	21.451	10:59:57	11:00:19	00:00:22	22	10:59:43	10:59:57	00:00:14	14	4.37	7.03															
81	0.017	13.349	0.027	21.479	11:00:31	11:00:58	00:00:27	27	11:00:19	11:00:31	00:00:12	12	5.10	8.21															
82	0.456	13.805	0.734	22.212	11:02:41	11:02:52	00:00:11	11	11:00:58	11:02:41	00:01:43	103	15.94	25.64															
83	0.164	13.969	0.264	22.476	11:03:44	11:03:56	00:00:12	12	11:02:52	11:03:44	00:00:52	52	11.35	18.27															
84	0.066	14.035	0.106	22.582	11:04:34	11:04:47	00:00:13	13	11:03:56	11:04:34	00:00:38	38	6.25	10.06															
85	0.002	14.037	0.003	22.586	11:04:50	11:04:58	00:00:08	8	11:04:47	11:04:50	00:00:03	3	2.40	3.86															
86	0.022	14.059	0.035	22.621	11:05:13	11:05:49	00:00:36	36	11:04:58	11:05:13	00:00:15	15	5.28	8.50															
87	0.023	14.082	0.037	22.658	11:06:06	11:06:46	00:00:40	40	11:05:49	11:06:06	00:00:17	17	4.87	7.84															
88	0.019	14.101	0.031	22.689	11:07:00	11:07:08	00:00:08	8	11:06:46	11:07:00	00:00:14	14	4.89	7.86															
89	0.003	14.104	0.005	22.693	11:07:13	11:07:40	00:00:27	27	11:07:08	11:07:13	00:00:05	5	2.16	3.48															
90	0.046	14.150	0.074	22.767	11:08:08	11:09:18	00:01:10	70	11:07:40	11:08:08	00:00:28	28	5.91	9.52															
91	0.024	14.174	0.039	22.806	11:09:38	11:10:13	00:00:35	35	11:09:18	11:09:38	00:00:20	20	4.32	6.95															
92	0.026	14.200	0.042	22.848	11:10:24	11:11:10	00:00:46	46	11:10:13	11:10:24	00:00:11	11	8.51	13.69															
93	0.325	14.525	0.523	23.371	11:12:15	11:12:30	00:00:15	15	11:11:10	11:12:15	00:01:05	65	18.00	28.96															
94	0.004	14.529	0.006	23.377	11:12:37	11:12:41	00:00:04	4	11:12:30	11:12:37	00:00:07	7	2.06	3.31															
95	0.004	14.533	0.006	23.384	11:12:46	11:13:00	00:00:14	14	11:12:41	11:12:46	00:00:05	5	2.88	4.63															
96	0.009	14.542	0.014	23.398	11:13:13	11:13:59	00:00:46	46	11:13:00	11:13:13	00:00:13	13	2.49	4.01															
97	0.015	14.557	0.024	23.422	11:14:18	11:14:32	00:00:14	14	11:13:59	11:14:18	00:00:19	19	2.84	4.57															
98	0.016	14.573	0.026	23.448	11:14:43	11:14:58	00:00:15	15	11:14:32	11:14:43	00:00:11	11	5.24	8.43															
99	0.059	14.632	0.095	23.543	11:15:29	11:15:38	00:00:09	9	11:14:58	11:15:29	00:00:31	31	6.85	11.02															
100	0.052	14.684	0.084	23.627	11:15:54	11:16:57	00:01:03	63	11:15:38	11:15:54	00:00:16	16	11.70	18.83															
101	0.228	14.912	0.367	23.993	11:17:44	11:18:08	00:00:24	24	11:16:57	11:17:44	00:00:47	47	17.46	28.10															
102	0.038	14.950	0.061	24.055					11:18:08	11:18:26	00:00:18	18	7.60	12.23															
										Final stop at Palestra																			
										09:07:02																			
										01:06:50																			
Totals										14.950					24.055					1,752					4,010				

ROUTE END
Palestra, Blackfriars Road

MODE JOURNEY TIME COMPARISON

Route: D - A21 BROMLEY COMMON TO PALESTRA

Date: Wednesday 10th February 2010

Survey Vehicle: PTW_BL PTW_GT CAR_GT PTW_GT-PTW_BL CAR_GT-PTW_BL

Time started (HH:MM:SS): 07:29:32 07:30:59 07:31:00

Time finished (HH:MM:SS): 08:26:39 08:32:52 09:07:02

Total Journey Time (HH:MM:SS)(Inc stoppages):	00:57:07	01:01:53	01:36:02	00:04:46	00:38:55
Total Journey Time (Secs) (Inc stoppages):	3,427	3,713	5,762	286	2,335
Total Journey Time (HH:MM:SS)(Exc stoppages):	00:45:18	00:50:49	01:06:50	00:05:31	00:21:32
Total Journey Time (Secs) (Exc stoppages):	2,718	3,049	4,010	331	1,292
Total Stoppages (Secs):	709	664	1,752	-45	1,043
Total No. Of Stoppages	38	43	102	5	64
Total Distance Travelled (Miles):	14.925	14.961	14.950	0.04	0.03
Total Distance Travelled (KM):	24.014	24.072	24.055	0.06	
Average Speed (Miles/H) (Inc stoppages):	15.68	14.51	9.34	-1.173	-6.338
Average Speed (Miles/H) (Exc stoppages):	19.77	17.66	13.42	-2.104	-6.347
Average Speed (KM/H) (Inc stoppages):	25.23	23.34	15.03	-1.887	-8.311
Average Speed (KM/H) (Exc stoppages):	31.81	28.42	21.60	-3.385	-6.827

Route: E - A10 GREAT CAMBRIDGE ROAD TO PALESTRA
Date: Thursday 11th February 2010

Survey Vehicle: PTW_BL
Time started (HH:MM:SS): 07:35:01
Time finished (HH:MM:SS): 08:34:22

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:59:21
Total Journey Time (Secs) (Inc stoppages): 3,561
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:45:13
Total Journey Time (Secs) (Exc stoppages): 2,713

Total Stoppages (Secs): 848
Total No. Of Stoppages: 43
Total Distance Travelled (Miles): 14.053
Total Distance Travelled (KM): 22.611

Average Speed (Mile/H) (Inc stoppages): 14.21
Average Speed (Miles/H) (Exc stoppages): 18.65
Average Speed (KM/H) (Inc stoppages): 22.86
Average Speed (KM/H) (Exc stoppages): 30.00

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

NOTES

- As noted for Route 1 PTW_BL, the PTW used was a marked Police PTW.
- The survey PTW did not use bus lanes all the time, but used the general traffic lanes if they were clear.
- When in the bus lane the PTW was observed to slow before overtaking cyclists.
- The PTW was observed to stay out of the bus lane if the rider could see that the lane width and downstream buses would prevent them from making progress. On occasions when the rider had used the bus lane and was slowed behind a bus, the rider looked for the opportunity to filter between buses and general traffic in lane 2. A lack of carriageway space between vehicles and the likelihood of riding over the 200mm wide bus lane markings could put riders at risk of collisions or slips.
- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, filtering to the right of slow-moving or stationary vehicles.
- The stoppage where the Police rider stops in a garage at around 08.18 has been subtracted from the final Section Journey End Time (HH:MM:SS) and Duration (Secs) as shown in bold red text.

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)			
ROUTE START																
A10 Great Cambridge Road (start from)																
	1	0.105	0.105	0.169	0.169	07:35:24	07:35:28	00:00:04	4	07:35:01	07:35:24	00:00:23	23	16.43	26.44	
	2	0.563	0.668	0.906	1.075	07:36:39	07:37:33	00:00:54	54	07:35:28	07:36:39	00:01:11	71	28.55	45.93	
	3	1.223	1.891	1.968	3.043	07:40:37	07:41:03	00:00:26	26	07:37:33	07:40:37	00:03:04	184	23.93	38.50	
	4	0.943	2.834	1.517	4.560	07:43:15	07:43:21	00:00:06	6	07:41:03	07:43:15	00:02:12	132	25.72	41.38	
	5	1.193	4.027	1.920	6.479	07:47:26	07:47:29	00:00:03	3	07:43:21	07:47:26	00:04:05	245	17.53	28.21	
	6	0.323	4.350	0.520	6.999	07:48:27	07:48:38	00:00:11	11	07:47:29	07:48:27	00:00:58	58	20.05	32.26	
	7	0.257	4.607	0.414	7.413	07:49:17	07:49:20	00:00:03	3	07:48:38	07:49:17	00:00:39	39	23.72	38.17	
	8	0.470	5.077	0.756	8.169	07:51:01	07:51:30	00:00:29	29	07:49:20	07:51:01	00:01:41	101	16.75	26.95	
	9	0.031	5.108	0.050	8.219	07:51:46	07:51:51	00:00:05	5	07:51:30	07:51:46	00:00:16	16	6.97	11.22	
	10	0.126	5.234	0.203	8.422	07:52:28	07:52:30	00:00:02	2	07:51:51	07:52:28	00:00:37	37	12.26	19.73	
	11	0.084	5.318	0.135	8.557	07:52:56	07:53:10	00:00:14	14	07:52:30	07:52:56	00:00:26	26	11.63	18.71	
	12	0.606	5.924	0.975	9.532	07:54:43	07:54:46	00:00:03	3	07:53:10	07:54:43	00:01:33	93	23.46	37.74	
	13	0.066	5.990	0.106	9.638	07:55:04	07:55:51	00:00:47	47	07:54:46	07:55:04	00:00:18	18	13.20	21.24	
	14	0.741	6.731	1.192	10.830	07:57:37	07:57:47	00:00:10	10	07:55:51	07:57:37	00:01:46	106	25.17	40.49	
	15	0.634	7.365	1.020	11.850	07:59:23	08:00:00	00:00:37	37	07:57:47	07:59:23	00:01:36	96	23.78	38.25	
	16	0.515	7.880	0.829	12.679	08:01:21	08:02:00	00:00:39	39	08:00:00	08:01:21	00:01:21	81	22.89	36.83	
	17	0.310	8.190	0.499	13.178	08:02:57	08:03:35	00:00:38	38	08:02:00	08:02:57	00:00:57	57	19.58	31.50	
	18	0.464	8.654	0.747	13.924	08:05:05	08:05:38	00:00:33	33	08:03:35	08:05:05	00:01:30	90	18.56	29.86	
	19	0.398	9.052	0.640	14.565	08:07:14	08:07:40	00:00:26	26	08:05:38	08:07:14	00:01:36	96	14.93	24.01	
	20	0.056	9.108	0.090	14.655	08:07:58	08:08:05	00:00:07	7	08:07:40	08:07:58	00:00:18	18	11.20	18.02	
	21	0.105	9.213	0.169	14.824	08:08:46	08:09:38	00:00:52	52	08:08:05	08:08:46	00:00:41	41	9.22	14.83	
	22	0.332	9.545	0.534	15.358	08:10:42	08:10:45	00:00:03	3	08:09:38	08:10:42	00:01:04	64	18.68	30.05	
	23	0.224	9.769	0.360	15.718	08:11:23	08:11:37	00:00:14	14	08:10:45	08:11:23	00:00:38	38	21.22	34.14	
	24	0.345	10.114	0.555	16.273	08:12:54	08:13:02	00:00:08	8	08:11:37	08:12:54	00:01:17	77	16.13	25.95	
	25	0.822	10.936	1.323	17.596	08:15:15	08:15:19	00:00:04	4	08:13:02	08:15:15	00:02:13	133	22.25	35.80	
	26	0.276	11.212	0.444	18.040	08:16:16	08:16:35	00:00:19	19	08:15:19	08:16:16	00:00:57	57	17.43	28.05	
	27	0.156	11.368	0.251	18.291	08:17:03	08:17:23	00:00:20	20	08:16:35	08:17:03	00:00:28	28	20.06	32.27	
	28	0.286	11.654	0.460	18.751	08:18:17	08:18:26	00:00:09	9	08:17:23	08:18:17	00:00:54	54	19.07	30.68	
		0.013	11.667	0.021	18.772	08:18:36	08:20:34	00:01:58	118	08:18:26	08:18:36	00:00:10	10	4.68	7.53	Stops in garage. This stoppage will not be counted in the total stoppage times or towards the overall journey time including stoppages.
	29	0.035	11.702	0.056	18.829	08:20:52	08:21:13	00:00:21	21	08:20:34	08:20:52	00:00:18	18	7.00	11.26	
	30	0.047	11.749	0.076	18.904	08:21:30	08:21:53	00:00:23	23	08:21:13	08:21:30	00:00:17	17	9.95	16.01	
	31	0.065	11.814	0.105	19.009	08:22:10	08:22:28	00:00:18	18	08:21:53	08:22:10	00:00:17	17	13.76	22.15	
	32	0.169	11.983	0.272	19.281	08:23:07	08:23:17	00:00:10	10	08:22:28	08:23:07	00:00:39	39	15.60	25.10	
	33	0.164	12.147	0.264	19.545	08:23:59	08:24:20	00:00:21	21	08:23:17	08:23:59	00:00:42	42	14.06	22.62	
	34	0.102	12.249	0.164	19.709	08:24:48	08:24:52	00:00:04	4	08:24:20	08:24:48	00:00:28	28	13.11	21.10	
	35	0.211	12.460	0.339	20.048	08:25:48	08:26:09	00:00:21	21	08:24:52	08:25:48	00:00:56	56	13.56	21.82	
	36	0.177	12.637	0.285	20.333	08:26:50	08:27:44	00:00:54	54	08:26:09	08:26:50	00:00:41	41	15.54	25.01	
	37	0.027	12.664	0.043	20.376	08:27:55	08:28:08	00:00:13	13	08:27:44	08:27:55	00:00:11	11	8.84	14.22	
	38	0.042	12.706	0.068	20.444	08:28:26	08:29:08	00:00:42	42	08:28:08	08:28:26	00:00:18	18	8.40	13.52	
	39	0.349	13.055	0.562	21.005	08:30:11	08:30:54	00:00:43	43	08:29:08	08:30:11	00:01:03	63	19.94	32.09	
	40	0.132	13.187	0.212	21.218	08:31:45	08:32:23	00:00:38	38	08:30:54	08:31:45	00:00:51	51	9.32	14.99	
	41	0.467	13.654	0.751	21.969	08:34:33	08:34:42	00:00:09	9	08:32:23	08:34:33	00:02:10	130	12.93	20.81	
	42	0.070	13.724	0.113	22.082	08:34:58	08:35:00	00:00:02	2	08:34:42	08:34:58	00:00:16	16	15.75	25.34	
	43	0.308	14.032	0.496	22.577	08:36:05	08:36:08	00:00:03	3	08:35:00	08:36:05	00:01:05	65	17.06	27.45	
		0.021	14.053	0.034	22.611	Final stop at Palestra				08:36:08	08:36:20	00:00:12	12	6.30	10.14	
ROUTE END																
Palestra, Blackfriars Road																
Totals			14.053		22.611				848				2,713			

Route: E - A10 GREAT CAMBRIDGE ROAD TO PALESTRA
Date: Thursday 11th February 2010

Survey Vehicle: PTW_GT
Time started (HH:MM:SS): 07:35:02
Time finished (HH:MM:SS): 08:39:03

Total Journey Time (HH:MM:SS)(Inc stoppages): 01:04:01
Total Journey Time (Secs) (Inc stoppages): 3,841
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:50:29
Total Journey Time (Secs) (Exc stoppages): 3,029

Total Stoppages (Secs): 812
Total No. Of Stoppages: 41
Total Distance Travelled (Miles): 14.066
Total Distance Travelled (KM): 22.632

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

Average Speed (Mile/H) (Inc stoppages): 13.18
Average Speed (Miles/H) (Exc stoppages): 16.72
Average Speed (KM/H) (Inc stoppages): 21.21
Average Speed (KM/H) (Exc stoppages): 26.90

Rows coloured like this indicate sections of the route that include lengths of bus lane

NOTES

- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, in all but one occasion, filtering to the right of slow-moving or stationary vehicles.
- Other PTWs can be observed using lengths of bus lane according to TFL's trial to permit PTWs to use some bus lanes. They are observed leaving the PTW in general traffic behind.
- No road works were observed on the route that caused any delays, but this could mean that road works on this route commenced after the AM peak. (A list was provided by TFL and reviewed by LTP Ltd)

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes		
						Start Time (MM:SS)	End Time (MM:SS)	Duration (MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)					
ROUTE START																		
A10 Great Cambridge Road (start from)										07:35:02								
	1	0.543	0.620	0.874	0.998	07:38:29	07:38:59	00:00:30	30	07:35:02	07:38:29	00:03:27	207	9.44	15.19		The start time cannot be seen as there is a gap on the DVD recording. The start time of the PTW_BL has been used with an additional second added on.	
	2	1.239	1.859	1.994	2.991	07:42:06	07:42:25	00:00:19	19	07:38:59	07:42:06	00:03:07	187	23.85	38.38			
	3	0.741	2.600	1.192	4.183	07:44:32	07:44:51	00:00:19	19	07:42:25	07:44:32	00:02:07	127	21.00	33.80			
	4	0.513	3.113	0.825	5.009	07:46:28	07:46:49	00:00:21	21	07:44:51	07:46:28	00:01:37	97	19.04	30.63			
	5	0.126	3.239	0.203	5.212	07:47:34	07:47:49	00:00:15	15	07:46:49	07:47:34	00:00:45	45	10.08	16.22			
	6	0.571	3.810	0.919	6.130	07:50:17	07:50:23	00:00:06	6	07:47:49	07:50:17	00:02:28	148	13.89	22.35			
	7	0.936	4.746	1.506	7.636	07:52:56	07:53:02	00:00:06	6	07:50:23	07:52:56	00:02:33	153	22.02	35.44			
	8	0.014	4.760	0.023	7.659	07:53:12	07:53:29	00:00:17	17	07:53:02	07:53:12	00:00:10	10	5.04	8.11		Seven Sisters Road north east of jv Isledon Road	
	9	0.009	4.769	0.014	7.673	07:53:36	07:53:48	00:00:12	12	07:53:29	07:53:36	00:00:07	7	4.63	7.45		As above	
	10	0.018	4.787	0.029	7.702	07:54:09	07:54:13	00:00:04	4	07:53:48	07:54:09	00:00:21	21	3.09	4.96		As above	
	11	0.050	4.837	0.080	7.783	07:54:47	07:54:58	00:00:11	11	07:54:13	07:54:47	00:00:34	34	5.29	8.52		As above	
	12	0.150	4.987	0.241	8.024	07:55:44	07:56:12	00:00:28	28	07:54:58	07:55:44	00:00:46	46	11.74	18.89			
	13	0.120	5.107	0.193	8.217	07:56:41	07:56:59	00:00:18	18	07:56:12	07:56:41	00:00:29	29	14.90	23.97			
	14	0.039	5.146	0.063	8.280	07:57:12	07:57:17	00:00:05	5	07:56:59	07:57:12	00:00:13	13	10.80	17.38			
	15	0.065	5.211	0.105	8.384	07:57:36	07:57:38	00:00:02	2	07:57:17	07:57:36	00:00:19	19	12.32	19.82			
	16	0.750	5.961	1.207	9.591	07:59:52	08:00:39	00:00:47	47	07:57:38	07:59:52	00:02:14	134	20.15	32.42			
	17	1.323	7.284	2.129	11.720	08:04:41	08:04:45	00:00:04	4	08:00:39	08:04:41	00:04:02	242	19.68	31.67			
	18	0.174	7.458	0.280	12.000	08:05:22	08:05:36	00:00:14	14	08:04:45	08:05:22	00:00:37	37	16.93	27.24			
	19	0.175	7.633	0.282	12.281	08:06:09	08:06:31	00:00:22	22	08:05:36	08:06:09	00:00:33	33	19.09	30.72			
	20	0.108	8.651	1.638	13.919	08:09:31	08:09:37	00:00:06	6	08:06:31	08:09:31	00:03:00	180	20.36	32.76			
	21	0.179	8.830	0.288	14.207	08:10:17	08:10:23	00:00:06	6	08:09:37	08:10:17	00:00:40	40	16.11	25.92			
	22	0.007	8.837	0.011	14.219	08:10:31	08:10:35	00:00:04	4	08:10:23	08:10:31	00:00:08	8	3.15	5.07			
	23	0.142	8.979	0.228	14.447	08:11:24	08:12:28	00:01:04	64	08:10:35	08:11:24	00:00:49	49	10.43	16.79			
	24	0.173	9.152	0.278	14.726	08:13:21	08:14:00	00:00:39	39	08:12:28	08:13:21	00:00:53	53	11.75	18.91			
	25	0.281	9.433	0.452	15.178	08:15:02	08:15:28	00:00:26	26	08:14:00	08:15:02	00:01:02	62	16.32	26.25			
	26	0.191	11.344	3.075	18.252	08:21:22	08:21:38	00:00:16	16	08:15:28	08:21:22	00:05:54	354	19.43	31.27			
	27	0.143	11.487	0.230	18.483	08:22:12	08:22:44	00:00:32	32	08:21:38	08:22:12	00:00:34	34	15.14	24.36			
	28	0.015	11.502	0.024	18.507	08:22:54	08:23:12	00:00:18	18	08:22:44	08:22:54	00:00:10	10	5.40	8.69			
	29	0.189	11.691	0.304	18.811	08:23:44	08:23:51	00:00:07	7	08:23:12	08:23:44	00:00:32	32	21.26	34.21			
	30	0.041	11.732	0.066	18.877	08:24:06	08:24:37	00:00:31	31	08:23:51	08:24:06	00:00:15	15	9.84	15.83			
	31	0.066	11.798	0.106	18.983	08:24:52	08:25:10	00:00:18	18	08:24:37	08:24:52	00:00:15	15	15.84	25.49			
	32	0.157	11.955	0.253	19.236	08:25:42	08:26:03	00:00:21	21	08:25:10	08:25:42	00:00:32	32	17.66	28.42			
	33	0.179	12.134	0.288	19.524	08:26:49	08:27:03	00:00:14	14	08:26:03	08:26:49	00:00:46	46	14.01	22.54			
	34	0.102	12.236	0.164	19.688	08:27:25	08:27:35	00:00:10	10	08:27:03	08:27:25	00:00:22	22	16.69	26.86			
	35	0.192	12.428	0.309	19.997	08:28:34	08:28:43	00:00:09	9	08:27:35	08:28:34	00:00:59	59	11.72	18.85			
	36	0.198	12.626	0.319	20.315	08:29:31	08:30:17	00:00:46	46	08:28:43	08:29:31	00:00:48	48	14.85	23.89			
	37	0.077	12.703	0.124	20.439	08:31:00	08:31:36	00:00:36	36	08:30:17	08:31:00	00:00:43	43	6.45	10.37			
	38	0.361	13.064	0.581	21.020	08:32:52	08:33:40	00:00:48	48	08:31:36	08:32:52	00:01:16	76	17.10	27.51			
	39	0.213	13.277	0.343	21.363	08:35:07	08:35:18	00:00:11	11	08:33:40	08:35:07	00:01:27	87	8.81	14.18			
	40	0.146	13.423	0.235	21.598	08:35:53	08:35:55	00:00:02	2	08:35:18	08:35:53	00:00:35	35	15.02	24.16			
	41	0.402	13.825	0.647	22.244	08:37:19	08:38:07	00:00:48	48	08:35:55	08:37:19	00:01:24	84	17.23	27.72			
		0.241	14.066	0.388	22.632					Final stop at Palestra	08:38:07	08:39:03	00:00:56	56	15.49	24.93		
ROUTE END Palestra, Blackfriars Road																		
Totals			14.066		22.632				812				3,029					

MODE JOURNEY TIME COMPARISON

Route: E - A10 GREAT CAMBRIDGE ROAD TO PALESTRA

Date: Thursday 11th February 2010

Survey Vehicle: PTW_BL PTW_GT PTW_GT-PTW_BL

Time started (HH:MM:SS): 07:35:01 07:35:02

Time finished (HH:MM:SS): 08:34:22 08:39:03

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:59:21 01:04:01 00:04:40

Total Journey Time (Secs) (Inc stoppages): 3,561 3,841 280

Total Journey Time (HH:MM:SS)(Exc stoppages): 00:45:13 00:50:29 00:05:16

Total Journey Time (Secs) (Exc stoppages): 2,713 3,029 316

Total Stoppages (Secs): 848 812 -36

Total No. Of Stoppages 43 41 -2

Total Distance Travelled (Miles): 14.053 14.066 0.01

Total Distance Travelled (KM): 22.611 22.632 0.02

Average Speed (Miles/H) (Inc stoppages): 14.21 13.18 -1.023

Average Speed (Miles/H) (Exc stoppages): 18.65 16.72 -1.930

Average Speed (KM/H) (Inc stoppages): 22.86 21.21 -1.647

Average Speed (KM/H) (Exc stoppages): 30.00 26.90 -3.105

Route: F - A10 GREAT CAMBRIDGE ROAD TO PALESTRA
Date: Wednesday 24th February 2010

Survey Vehicle: PTW_BL

Time started (HH:MM:SS): 07:32:18
Time finished (HH:MM:SS): 08:12:04

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:39:46
Total Journey Time (Secs) (Inc stoppages): 2,386
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:30:41
Total Journey Time (Secs) (Exc stoppages): 1,841

Total Stoppages (Secs): 545
Total No. Of Stoppages: 34
Total Distance Travelled (Miles): 9.947
Total Distance Travelled (KM): 16.005

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

Average Speed (Mile/H) (Inc stoppages): 15.01
Average Speed (Miles/H) (Exc stoppages): 19.45
Average Speed (KM/H) (Inc stoppages): 24.15
Average Speed (KM/H) (Exc stoppages): 31.30

NOTES

- As noted for Route 1 PTW_BL, the PTW used was a marked Police PTW.
- The survey PTW did not use bus lanes all the time, but used the general traffic lanes if they were clear.
- When in the bus lane the PTW was observed to slow before overtaking cyclists.
- The PTW was observed to stay out of the bus lane if the rider could see that the lane width and downstream buses would prevent them from making progress. On occasions when the rider had used the bus lane and was slowed behind a bus, the rider looked for the opportunity to filter between buses and general traffic in lane 2. A lack of carriageway space between vehicles and the likelihood of riding over the 200mm wide bus lane markings could put riders at risk of collisions or slips.
- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, filtering to the right of slow-moving or stationary vehicles.
- The recording starts at 01:38 but as noted below there is a gap at the start of the route. The journey time (HH:MM:SS) and number and duration of stoppages between the start of the route and the junction of Great Cambridge Road with White Hart Lane has been taken from the Route 2 PTW-GT survey as a proxy for the missing survey information. These amounted to 04:27 MM:SS including 5 stoppages totalling 73 seconds. The final journey time Duration and number of stoppages have been amended accordingly as shown in bold red text below. The stoppage duration is accounted for within the Total Journey Time.

Rows coloured like this indicate sections of the route that include lengths of bus lane

Route Start and End point	Stoppages	Section Length (KM)	Cummulative Route Length (KM)	Stoppage Times				Section Journey Times				Average Speeds By Section (KM/H)	Other Occurrences / Notes		
				Start Time (MM:SS)	End Time (MM:SS)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)			Duration (HH:MM:SS)	Duration (Secs)
ROUTE START A10 Great Cambridge Road (start from)				From DVD		Actual times									
	1	These values could not be determined as the Police camera recording was split into two portions; the portion of the screen that showed the distance was frozen, hence the only speed measurements shown for this analysis are averages for the full route. The overall distance measurements used to arrive at these average speeds comes from the Route 2 PTW-GT survey. In addition, there is a gap between the start of the recording and the point where the PTW arrives at the junction of Great Cambridge Road with White Hart Lane. The time taken for the PTW to travel this distance was also taken from the Route 2 PTW-GT survey.		04:20	04:30	07:36:45	07:36:55	00:00:10	10	07:32:18	07:36:45	00:04:27	267	See comments in length columns.	
	2		06:36	07:08	07:39:06	07:39:38	00:00:32	32	07:36:55	07:39:06	00:02:11	131			
	3		08:58	09:08	07:41:28	07:41:38	00:00:10	10	07:39:38	07:41:28	00:01:50	110			
	4		10:36	10:37	07:43:06	07:43:07	00:00:01	1	07:41:38	07:43:06	00:01:28	88			
	5		11:58	11:59	07:44:28	07:44:29	00:00:01	1	07:43:07	07:44:28	00:01:21	81			
	6		13:00	13:45	07:45:30	07:46:15	00:00:45	45	07:44:29	07:45:30	00:01:01	61			
	7		17:08	17:44	07:49:38	07:50:14	00:00:36	36	07:46:15	07:49:38	00:03:23	203			
	8		18:12	18:20	07:50:40	07:50:48	00:00:08	8	07:50:14	07:50:40	00:00:26	26			
	9		18:43	18:45	07:51:11	07:51:13	00:00:02	2	07:50:48	07:51:11	00:00:23	23			
	10		19:45	20:21	07:52:13	07:52:49	00:00:36	36	07:51:13	07:52:13	00:01:00	60			
	11		22:00	22:26	07:54:28	07:54:54	00:00:26	26	07:52:49	07:54:28	00:01:39	99			
	12		22:54	22:56	07:55:22	07:55:24	00:00:02	2	07:54:54	07:55:22	00:00:28	28			
	13		24:12	24:26	07:56:40	07:56:54	00:00:14	14	07:55:24	07:56:40	00:01:16	76			
	14		25:15	25:27	07:57:43	07:57:55	00:00:12	12	07:56:54	07:57:43	00:00:49	49			
	15		25:42	26:02	07:58:10	07:58:30	00:00:20	20	07:57:55	07:58:10	00:00:15	15			
	16		26:31	26:50	07:58:59	07:59:18	00:00:19	19	07:58:30	07:58:59	00:00:29	29			
	17		27:11	27:14	07:59:39	07:59:42	00:00:03	3	07:59:18	07:59:39	00:00:21	21			
	18		27:42	27:44	08:00:10	08:00:12	00:00:02	2	07:59:42	08:00:10	00:00:28	28			
	19		28:16	28:20	08:00:44	08:00:48	00:00:04	4	08:00:12	08:00:44	00:00:32	32			
	20		29:18	29:58	08:01:46	08:02:26	00:00:40	40	08:00:48	08:01:46	00:00:58	58			
	21		29:58	30:00	08:02:26	08:02:28	00:00:02	2	08:02:26	08:02:26	00:00:00	0			
	22		30:10	30:17	08:02:38	08:02:45	00:00:07	7	08:02:28	08:02:38	00:00:10	10			
	23		30:53	31:38	08:03:21	08:04:06	00:00:45	45	08:02:45	08:03:21	00:00:36	36			
	24		32:06	32:56	08:04:34	08:05:24	00:00:50	50	08:04:06	08:04:34	00:00:28	28			
	25		33:45	33:55	08:06:13	08:06:23	00:00:10	10	08:05:24	08:06:13	00:00:49	49			
	26		35:26	36:04	08:07:52	08:08:30	00:00:38	38	08:06:23	08:07:52	00:01:29	89			
	27		37:20	38:18	08:09:46	08:10:44	00:00:58	58	08:08:30	08:09:46	00:01:16	76			
	28		38:28	38:32	08:10:54	08:10:58	00:00:04	4	08:10:44	08:10:54	00:00:10	10			
	29		39:02	39:10	08:11:28	08:11:36	00:00:08	8	08:10:58	08:11:28	00:00:30	30			
				Final stop at Palestra				08:11:36	08:12:04	00:00:28	28				
ROUTE END Palestra, Blackfriars Road															
	Totals										08:12:04	00:30:41			
													1,841		

Route: F - A10 GREAT CAMBRIDGE ROAD TO PALESTRA
Date: Wednesday 24th February 2010

Survey Vehicle: PTW_GT
Time started (HH:MM:SS): 07:32:18
Time finished (HH:MM:SS): 08:20:04

Total Journey Time (HH:MM:SS)(Inc stoppages): 00:47:46
Total Journey Time (Secs) (Inc stoppages): 2,866
Total Journey Time (HH:MM:SS)(Exc stoppages): 00:36:19
Total Journey Time (Secs) (Exc stoppages): 2,179

Total Stoppages (Secs): 687
Total No. Of Stoppages: 34
Total Distance Travelled (Miles): 9.947
Total Distance Travelled (KM): 16.005

i.e. Where survey vehicle comes to a complete stop and speed is 0kph.

Average Speed (Mile/H) (Inc stoppages): 12.49
Average Speed (Miles/H) (Exc stoppages): 16.43
Average Speed (KM/H) (Inc stoppages): 20.10
Average Speed (KM/H) (Exc stoppages): 26.44

Rows coloured like this indicate sections of the route that include lengths of bus lane

NOTES

- The survey PTW was observed to use the Metropolitan Police-approved filtering procedures, in all but one occasion, filtering to the right of slow-moving or stationary vehicles.
- Other PTWs can be observed using lengths of bus lane according to TFL's trial to permit PTWs to use some bus lanes. They are observed leaving the PTW in general traffic behind.
- No road works were observed on the route that caused any delays, but this could mean that road works on this route commenced after the AM peak. (A list was provided by TFL and reviewed by LTP Ltd)

Route Start and End point	Stoppages	Section Length (Miles)	Cumulative Route Length (Miles)	Section Length (KM)	Cumulative Route Length (Kilometres)	Stoppage Times				Section Journey Times				Average Speeds By Section (Miles/H)	Average Speeds By Section (KM/H)	Other Occurrences / Notes	
						Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)	Start Time (HH:MM:SS)	End Time (HH:MM:SS)	Duration (HH:MM:SS)	Duration (Secs)				
ROUTE START																	
A10 Great Cambridge Road (start from)										07:32:18							
	1	0.391	0.391	0.629	0.629	07:33:25	07:33:36	00:00:11	11	07:32:18	07:33:25	00:01:07	67	21.01	33.80		
	2	0.014	0.405	0.023	0.652	07:33:51	07:33:57	00:00:06	6	07:33:36	07:33:51	00:00:15	15	3.36	5.41		
	3	0.114	0.519	0.183	0.835	07:34:40	07:34:47	00:00:07	7	07:33:57	07:34:40	00:00:43	43	9.54	15.36		
	4	0.002	0.521	0.003	0.838	07:34:50	07:35:06	00:00:16	16	07:34:47	07:34:50	00:00:03	3	2.40	3.86		
	5	0.125	0.646	0.201	1.039	07:35:51	07:36:24	00:00:33	33	07:35:06	07:35:51	00:00:45	45	10.00	16.09		
	6	1.186	1.832	1.908	2.948	07:39:14	07:39:18	00:00:04	4	07:36:24	07:39:14	00:02:50	170	25.12	40.41		
	7	0.749	2.581	1.205	4.153	07:41:20	07:41:26	00:00:06	6	07:39:18	07:41:20	00:02:02	122	22.10	35.56		
	8	0.564	3.145	0.907	5.060	07:43:33	07:43:36	00:00:03	3	07:41:26	07:43:33	00:02:07	127	15.99	25.72		
	9	0.057	3.202	0.092	5.152	07:44:04	07:44:15	00:00:11	11	07:43:36	07:44:04	00:00:28	28	7.33	11.79		
	10	0.009	3.211	0.014	5.166	07:44:22	07:44:34	00:00:12	12	07:44:15	07:44:22	00:00:07	7	4.63	7.45		
	11	0.093	3.304	0.150	5.316	07:45:12	07:45:25	00:00:13	13	07:44:34	07:45:12	00:00:38	38	8.81	14.18		
	12	0.063	3.367	0.101	5.418	07:45:50	07:46:02	00:00:12	12	07:45:25	07:45:50	00:00:25	25	9.07	14.60		
	13	0.119	3.486	0.191	5.609	07:46:35	07:47:10	00:00:35	35	07:46:02	07:46:35	00:00:33	33	12.98	20.89		
	14	0.302	3.788	0.486	6.095	07:48:15	07:48:21	00:00:06	6	07:47:10	07:48:15	00:01:05	65	16.73	26.91		
	15	1.059	4.847	1.704	7.799	07:51:40	07:52:01	00:00:21	21	07:48:21	07:51:40	00:03:19	199	19.16	30.82		
	16	0.803	5.650	1.292	9.091	07:54:04	07:54:16	00:00:12	12	07:52:01	07:54:04	00:02:03	123	23.50	37.82		
	17	0.406	6.056	0.653	9.744	07:56:11	07:57:26	00:01:15	75	07:54:16	07:56:11	00:01:55	115	12.71	20.45		
	18	1.218	7.274	1.960	11.704	08:01:25	08:01:52	00:00:27	27	07:57:26	08:01:25	00:03:59	239	18.35	29.52		
	19	0.343	7.617	0.552	12.256	08:03:08	08:03:11	00:00:03	3	08:01:52	08:03:08	00:01:16	76	16.25	26.14		
	20	0.061	7.678	0.098	12.354	08:03:28	08:03:45	00:00:17	17	08:03:11	08:03:28	00:00:17	17	12.92	20.78		
	21	0.175	7.853	0.282	12.635	08:04:24	08:04:27	00:00:03	3	08:03:45	08:04:24	00:00:39	39	16.15	25.99		
	22	0.327	8.180	0.526	13.162	08:06:12	08:06:59	00:00:47	47	08:04:27	08:06:12	00:01:45	105	11.21	18.04		
	23	0.070	8.250	0.113	13.274	08:07:21	08:07:32	00:00:11	11	08:06:59	08:07:21	00:00:22	22	11.45	18.43		
	24	0.046	8.296	0.074	13.348	08:08:05	08:08:35	00:00:30	30	08:07:32	08:08:05	00:00:33	33	5.02	8.07		
	25	0.039	8.335	0.063	13.411	08:08:55	08:09:38	00:00:43	43	08:08:35	08:08:55	00:00:20	20	7.02	11.30		
	26	0.179	8.514	0.288	13.699	08:10:17	08:11:01	00:00:44	44	08:09:38	08:10:17	00:00:39	39	16.52	26.59		
	27	0.063	8.577	0.101	13.800	08:11:33	08:12:24	00:00:51	51	08:11:01	08:11:33	00:00:32	32	7.09	11.40		
	28	0.044	8.621	0.071	13.871	08:12:44	08:13:30	00:00:46	46	08:12:24	08:12:44	00:00:20	20	7.92	12.74		
	29	0.329	8.950	0.529	14.401	08:14:18	08:14:46	00:00:28	28	08:13:30	08:14:18	00:00:48	48	24.68	39.70		
	30	0.154	9.104	0.248	14.648	08:15:37	08:15:42	00:00:05	5	08:14:46	08:15:37	00:00:51	51	10.87	17.49		
	31	0.137	9.241	0.220	14.869	08:16:09	08:16:17	00:00:08	8	08:15:42	08:16:09	00:00:27	27	18.27	29.39		
	32	0.296	9.537	0.476	15.345	08:17:41	08:18:05	00:00:24	24	08:16:17	08:17:41	00:01:24	84	12.69	20.41		
	33	0.380	9.917	0.611	15.956	08:19:29	08:19:46	00:00:17	17	08:18:05	08:19:29	00:01:24	84	16.29	26.20		
	34	0.030	9.947	0.048	16.005					08:19:46	08:20:04	00:00:18	18	6.00	9.65		
ROUTE END																	
Palestra, Blackfriars Road																	
Totals			9.947		16.005				687				2,179				

MODE JOURNEY TIME COMPARISON

Route: F - A10 GREAT CAMBRIDGE ROAD TO PALESTRA

Date: Wednesday 24th February 2010

Survey Vehicle: PTW_BL PTW_GT CAR_GT PTW_GT-PTW_BL CAR_GT-PTW_BL

Time started (HH:MM:SS): 07:32:18 07:32:18 07:30:20

Time finished (HH:MM:SS): 08:12:04 08:20:04 08:24:46

Total Journey Time (HH:MM:SS)(Inc stoppages):	00:39:46	00:47:46	00:54:26	00:08:00	00:14:40
Total Journey Time (Secs) (Inc stoppages):	2,386	2,866	3,266	480	880
Total Journey Time (HH:MM:SS)(Exc stoppages):	00:30:41	00:36:19	00:39:18	00:05:38	00:08:37
Total Journey Time (Secs) (Exc stoppages):	1,841	2,179	2,358	338	517
Total Stoppages (Secs):	545	687	908	142	363
Total No. Of Stoppages	34	34	46	0	12
Total Distance Travelled (Miles):	9.947	9.947	9.831	0.00	-0.12
Total Distance Travelled (KM):	16.005	16.005	15.818	0.00	-0.19
Average Speed (Miles/H) (Inc stoppages):	15.01	12.49	10.84	-2.514	-4.172
Average Speed (Miles/H) (Exc stoppages):	19.45	16.43	15.01	-3.017	-4.442
Average Speed (KM/H) (Inc stoppages):	24.15	20.10	17.44	-4.045	-6.713
Average Speed (KM/H) (Exc stoppages):	31.30	26.44	24.15	-4.855	-7.147