

## Appendix 9.4: Road Traffic Noise Assessment Calculations

Table 9.4.1: Future Year 2027 With and Without Development

Road	Base + Cumulative Committed Developments			Base + Cumulative Committed Developments			% Flow Change	BNL 18hr		
	2027			2027 + Development				2027 Without Development	2027 With Development	Change
	% HGV	Speed (kph)	Flow	% HGV	Speed (kph)	Flow				
1 A316 Clifford Ave	10.0	64	36800	10.0	64	37282	1.3	75.1	75.1	0.0
2 A316 Lower Richmond Road	6.0	48	40326	6.0	48	40897	1.4	73.2	73.3	0.1
3 South Circular (north of A316)	6.4	48	16313	6.4	48	16545	1.4	69.4	69.5	0.1
4 South Circular (south of A316)	4.1	48	23229	4.1	48	23322	0.4	70.3	70.3	0.0
5 A3003 Lower Richmond Road (Watney's Sports Ground)	8.9	45	20277	8.8	45	21655	6.8	70.8	71.1	0.2
6 A3003 Lower Richmond Road (Mortlake Green)	10.0	42	20473	9.7	42	21890	6.9	70.9	71.1	0.2
7 Williams Lane	7.1	41	747	6.5	41	1432	91.7	-	56.8	-
8 Mortlake High Street	10.8	42	21558	10.6	42	22535	4.5	71.3	71.4	0.1
9 The Terrace (west of Barnes Bridge Station)	8.9	46	20697	8.8	46	21538	4.1	71.0	71.1	0.1
10 White Hart Lane (south of Mortlake High Street)	8.0	40	5815	7.9	40	5950	2.3	64.8	64.9	0.1
11 Sheen Lane (north of Level Crossing)	3.4	48	6987	3.6	48	7427	6.3	64.8	65.1	0.3
12 Sheen Lane (south of Level Crossing)	2.6	48	6722	2.8	48	7162	6.5	64.4	64.7	0.3
13 Sheen Lane (south of South Circular)	4.3	33	5742	4.4	33	6009	4.7	63.3	63.5	0.2
14 South Circular Road (west of Sheen Lane)	8.6	43	22852	8.6	43	22852	0.0	71.1	71.1	0.0

Note: Below CRTN low flow criteria of 1000 for 18-hour AAWT therefore predicted BNL not reliable.