

Development Traffic Flows - 18hr AAWT			2026 Do Min (Phase 1)			2026 Phase 1			2033 Do Min (No Link Road)			2033 With Development (Including Link Road)		
Location	Link	18hr AAWT	18hr AAWT HGV	HGV %	18hr AAWT	18hr AAWT HGV	HGV %	18hr AAWT	18hr AAWT HGV	HGV %	18hr AAWT	18hr AAWT HGV	HGV %	
		2-Way Flow	2-Way Flow	2-Way Flow	2-Way Flow	2-Way Flow	2-Way Flow	2-Way Flow	2-Way Flow	2-Way Flow	2-Way Flow	2-Way Flow	2-Way Flow	
1	Cawthorne Rd / B6428 Barugh Lane / Barugh Green Rd / Higham Common Rd	Cawthorne Road	9,404	186	2%	9,590	233	2%	10,008	236	2%	8,983	235	3%
		B6428 Barugh Lane	9,166	305	3%	9,656	401	4%	9,756	406	4%	5,652	405	7%
		Barugh Green Road	9,672	327	3%	10,852	498	5%	10,294	505	5%	7,449	331	4%
		Higham Common Road	7,289	209	3%	8,731	522	6%	7,757	529	7%	4,721	354	8%
2	Barugh Green Rd / Cannon Way / Site Access	Barugh Green Road west	10,464	333	3%	11,645	503	4%	11,137	510	5%	9,438	337	4%
		Cannon Way	2,446	141	6%	2,446	141	6%	2,603	143	5%	2,426	143	6%
		Barugh Green Road east	10,864	361	3%	11,966	532	4%	11,562	539	5%	21,782	536	2%
		Site Access	0	0	N/A	1,356	0	0%	0	0	N/A	13,423	170	1%
3	Barugh Green Rd / Whaley Rd / Claycliffe Rd / A635	Barugh Green Road west	11,988	344	3%	13,091	515	4%	12,716	522	4%	21,284	519	2%
		A637 Claycliffe Road	16,068	271	2%	16,216	271	2%	17,091	275	2%	21,208	274	1%
		Whaley Road	4,979	141	3%	4,979	141	3%	5,299	143	3%	5,159	143	3%
		A635	26,739	486	2%	27,694	656	2%	28,426	665	2%	30,063	662	2%
4	M1 Junction 37	M1 southbound off slip	8,115	231	3%	8,258	266	3%	8,633	270	3%	9,289	269	3%
		A628 Dodworth Road	29,736	937	3%	30,065	1,030	3%	31,631	1,044	3%	32,132	1,041	3%
		M1 southbound on slip	13,679	446	3%	14,004	520	4%	14,551	527	4%	15,706	525	3%
		M1 northbound off slip	13,296	542	4%	13,632	619	5%	14,143	627	4%	15,564	625	4%
		Whinby Road	28,409	1,028	4%	29,677	1,338	5%	30,194	1,357	4%	38,759	1,351	3%
		M1 northbound on slip	8,512	248	3%	8,647	282	3%	9,054	285	3%	9,993	285	3%
5	Whinby Rd / B6449 Roundabout	Whinby Road east	27,486	1,011	4%	28,755	1,321	5%	29,213	1,339	5%	38,138	1,333	3%
		B6449	10,392	141	1%	10,592	162	2%	11,052	164	1%	15,092	164	1%
		Whinby Road north	21,668	926	4%	23,136	1,258	5%	23,011	1,275	6%	31,174	1,268	4%
6	Whinby Rd / Capitol Close Roundabout	Capitol Close	9,590	102	1%	11,170	433	4%	10,135	439	4%	17,882	434	2%
		Whinby Road south	21,768	971	4%	23,235	1,303	6%	23,117	1,320	6%	31,233	1,314	4%
		Whinby Road west	13,155	881	7%	13,268	881	7%	13,995	893	6%	14,358	891	6%
7	Whinby Rd / Higham Lane Roundabout	Higham Lane	3,008	243	8%	3,291	299	9%	3,201	303	9%	5,407	302	6%
		Whinby Road east	13,412	870	6%	13,412	870	6%	14,268	881	6%	15,114	880	6%
		Whinby Road west	16,420	762	5%	16,703	818	5%	17,469	830	5%	18,283	827	5%
8	Higham Common Rd / Site Access	Higham Common Road north	10,177	226	2%	11,693	539	5%	10,831	229	2%	8,525	371	4%
		Site Access Employment	0	0	N/A	3,499	701	20%	0	0	N/A	3,499	701	20%
		Site Access Link Road	0	0	N/A	0	0	0%	0	0	N/A	13,060	170	1%
		Higham Common Road south	10,177	226	2%	11,923	614	5%	10,831	229	2%	20,769	616	3%
8	Penny Pie Park	Dodworth Road west	30,193	1,098	4%	30,522	1,191	4%	32,135	1,169	4%	32,446	1,155	4%
		A6133 Broadway	12,849	400	3%	12,976	421	3%	13,675	425	3%	13,485	408	3%
		Dodworth Road east	17,365	525	3%	17,646	590	3%	18,481	559	3%	18,630	572	3%
		Pogmoor Road	11,575	476	4%	11,842	482	4%	12,319	507	4%	13,295	466	4%
Hermit Lane	Hermit Lane	M1 North of J37	96335	5910	6%	96612	5977	6%	102892	5979	6%	104095	6047	6%
		M1 South of J37	92537	5510	6%	93200	5661	6%	98836	5575	6%	100860	5725	6%
		Hermit Lane	2635	16	1%	2635	16	1%	2804	16	1%	376	0	0%

Appendix 13.2 – Traffic Data used in Noise Assessment