

Appendix 13.2 – Traffic Data used in Noise Assessment

MU1 Development								
Traffic Flows for Noise Assessment								
18hr AAWT								
Location		Link	Base Scenarios					
			2026 Do Minimum			2033 Do Minimum		
			Total Vehicles	HGV	HGV %	Total Vehicles	HGV	HGV %
			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	8,930	189	2%	9,393	199	2%
		B6428 Barugh Lane	8,744	309	4%	9,195	326	4%
		Barugh Green Road	8,938	332	4%	9,414	350	4%
		Higham Common Road	6,780	212	3%	7,138	223	3%
2	Barugh Green Rd / Cannon Way / Site Access	Barugh Green Road west	9,666	338	3%	10,181	356	3%
		Cannon Way	2,246	143	6%	2,367	151	6%
		Barugh Green Road east	10,033	367	4%	10,567	386	4%
		Site Access	0	0	0%	0	0	0%
3	Barugh Green Rd / Whaley Rd / Claycliffe Rd / A635	Barugh Green Road west	11,065	350	3%	11,622	368	3%
		A637 Claycliffe Road	15,849	275	2%	16,631	290	2%
		Whaley Road	4,573	143	3%	4,818	151	3%
		A635	25,677	493	2%	26,966	519	2%
8	Higham Common Rd / Site Access	Higham Common Road north	9,434	229	2%	9,935	241	2%
		Site Access Employment	0	0	0%	0	0	0%
		Site Access Link Road	0	0	0%	0	0	0%
		Higham Common Road south	9,434	229	2%	9,935	241	2%
		M1 North of J37	98,319	7,538	8%	107,355	8,230	8%
		M1 South of J37	106,082	7,000	7%	115,831	7,643	7%
		Link Road (between access rfts)						

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18hr AAWT											
Location	Link	Future Year Scenarios (Employment)						Future Year Scenarios (Cumulative)			
		2026 With Employment (No Link)			2026 With Phase 1 Residential and Employment (With Link)			2026 With Phase 1 Residential and Employment (With Link)			
		Total Vehicles	HGV	HGV %	Total Vehicles	HGV	HGV %	Total Vehicles	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	
1	Cawthorne Rd / B6428 Barugh Lane / Barugh Green Rd / Higham Common Rd	Cawthorne Road	9,160	256	3%	9,195	256	3%	8,992	256	3%
		B6428 Barugh Lane	9,218	448	5%	9,304	448	5%	9,552	448	5%
		Barugh Green Road	9,779	578	6%	10,196	578	6%	11,166	601	5%
		Higham Common Road	8,324	664	8%	8,621	664	8%	4,836	150	3%
2	Barugh Green Rd / Cannon Way / Site Access	Barugh Green Road west	10,506	584	6%	10,924	584	5%	11,883	589	5%
		Cannon Way	2,246	143	6%	2,246	143	6%	2,246	143	6%
		Barugh Green Road east	10,873	613	6%	11,245	613	5%	17,270	664	4%
		Site Access	0	0	0%	790	0	0%	10,559	559	5%
3	Barugh Green Rd / Whaley Rd / Claycliffe Rd / A635	Barugh Green Road west	11,906	596	5%	12,278	596	5%	18,297	646	4%
		A637 Claycliffe Road	15,849	275	2%	15,935	275	2%	15,806	286	2%
		Whaley Road	4,573	143	3%	4,573	143	3%	4,573	143	3%
		A635	26,517	739	3%	26,803	739	3%	29,424	722	2%
8	Higham Common Rd / Site Access	Higham Common Road north	11,360	681	6%	11,657	681	6%	911	133	15%
		Site Access Employment	3,456	1,012	29%	3,456	1,012	29%	3,456	1,012	29%
		Site Access Link Road	0	0	0%	0	0	0%	10,357	565	5%
		Higham Common Road south	11,346	789	7%	11,643	789	7%	11,255	806	7%
		M1 North of J37	98,653	7,635	8%	98,707	7,635	8%	98,493	7,628	8%
		M1 South of J37	106,826	7,218	7%	106,973	7,218	7%	106,613	7,216	7%
		Link Road (between access rbts)	0	0	0%	0	0	0%	10,357	565	5%

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18hr AAWT					
Location		Link	2033 Full Development (With Link)		
			Total Vehicles	HGV	HGV %
			2-Way Flow	2-Way Flow	2-Way Flow
1	Cawthorne Rd / B6428 Barugh Lane / Barugh Green Rd / Higham Common Rd	Cawthorne Road	9,670	267	3%
		B6428 Barugh Lane	10,410	465	4%
		Barugh Green Road	11,988	618	5%
		Higham Common Road	5,471	161	3%
2	Barugh Green Rd / Cannon Way / Site Access	Barugh Green Road west	12,743	607	5%
		Cannon Way	2,367	151	6%
		Barugh Green Road east	19,534	683	3%
		Site Access	12,595	559	4%
3	Barugh Green Rd / Whaley Rd / Claycliffe Rd / A635	Barugh Green Road west	20,583	665	3%
		A637 Claycliffe Road	17,059	301	2%
		Whaley Road	4,818	151	3%
		A635	32,101	748	2%
8	Higham Common Rd / Site Access	Higham Common Road north	1,689	146	9%
		Site Access Employment	3,456	1,012	29%
		Site Access Link Road	12,799	565	4%
		Higham Common Road south	13,920	818	6%
		M1 North of J37	108,058	8,320	8%
		M1 South of J37	117,275	7,860	7%
		Link Road (between access rbts)	11,824	565	5%