

Appendix 10C

Construction Traffic Data

October 2024

Revision 1

Volume

0001

Document ref.

852552-WSPE-IA-ES-RP-NV-304232

Table 10.1C Summary of traffic data used as a basis for the Construction Phase Traffic Assessment

Road		Scenario 1 2028 Future Baseline Without Scheme			Scenario 2: 2028 Future Baseline With Scheme		
		Total Flow	HDV %	Speed (km/hr)	Total Flow	HDV %	Speed (km/hr)
A5117	Between Common Lane and M56 J14	13212	2	96	13960	2	96
A557	Between A56 and Halton Station Road	11846	2	96	12692	4	96
A56	River Weaver Bridge	18784	1	96	19698	2	96
A533	Between A49 and Higher Lane	7670	4	96	8173	4	96
A533	Between Aston Lane and Redacre Road	7704	5	96	8194	5	96
A56	Between Proffits Lane and Woodhouses Lane	11199	1	96	11830	1	96
A56	Between Station Road and A533	5208	2	96	5660	2	96
A56	Frodsham Town Centre	18228	2	48	19095	2	48
A5117	Between M56 and B5132	10459	10	96	11139	11	96
A56	Between M56 and A558	26271	6	96	28075	6	96
A56	Between A5060 and Mill Lane	26543	2	96	27835	2	96
A562	Between A5080 and Mowcroft Lane	11793	3	96	12784	3	96

Road		Scenario 1 2028 Future Baseline Without Scheme			Scenario 2: 2028 Future Baseline With Scheme		
		Total Flow	HDV %	Speed (km/hr)	Total Flow	HDV %	Speed (km/hr)
A5080	Between A557 and South Lane	5103	9	96	5503	10	96
A557	Between M62 J13 and B5419	22118	9	96	23549	9	96
A57	Between B5149 and M62J7	12922	3	96	13911	3	96
A570	between Chapel Lane and Eurolink	24795	4	96	26036	4	96
A570	Between Burtonhead Road and B5204	24542	4	96	25802	4	96
A570	Between Sherdley Road and Linkway East	29619	3	96	31001	3	96
Higher Lane	Between A533 and A49	564	5	64	845	10	64
B5204	Between A570 and Rainhill Road	11285	2	48	12172	2	48
Runcorn Road	Between A56 and Moore Lane	2684	8	96	3042	8	96
Liverpool Road	Sanky Bridge	8170	5	96	8739	5	96
Knutsford Road	Between M6 and A56	13281	4	96	13882	4	96

Road		Scenario 1 2028 Future Baseline Without Scheme			Scenario 2: 2028 Future Baseline With Scheme		
		Total Flow	HDV %	Speed (km/hr)	Total Flow	HDV %	Speed (km/hr)
A49	Between Grimsditch Lane and Street Lane	13464	7	96	14647	8	96
A559	Between M56 J10 and Stockley Lane	7711	3	96	8314	4	96
A49	Between M56 J10 and Limes Lane	13464	7	96	14647	8	96
<i>Arley Road</i>	<i>Between B5356 and Reedgate Lane</i>	1229	2	96	1762	8	96
A50	Between West Lane and Crabtree Lane	7984	3	96	8613	3	96
A56	Between M56 J7 and Bow Green Road	14964	3	96	15891	3	96
A56	Between M56J7 and Reddy Lane	9741	2	96	10716	3	96
A6144	Between Isherwood Road and Banky Lane	14123	6	96	15472	7	96
Woodhouse Lane	Dunham Woodhouses	3276	3	96	3533	3	96
A6114	Partington	12563	1	96	13583	2	96
A6114	South of Partington	6950	2	96	7564	3	96
A56	Between M60 and A1644 (vicinity of Sibson Road)	25306	2	96	26807	2	96

Road		Scenario 1 2028 Future Baseline Without Scheme			Scenario 2: 2028 Future Baseline With Scheme		
		Total Flow	HDV %	Speed (km/hr)	Total Flow	HDV %	Speed (km/hr)
A49	Between A533 and Willow Green Lane	17360	5	96	18660	6	96
A49	Between Station Road and B5144	12551	7	96	13539	8	96
B5153	West of Weaverham	3598	2	96	4107	3	96
A556	Between Whitegate Lane and School Lane	17090	4	96	18205	4	96
A533	Between Church Street and London Road	21346	5	96	22786	5	96
A530	Between King Street and Davenham Road	14226	4	96	15362	4	96
A556	Between Penny's Lane and Birches Lane	28582	6	96	30253	6	96
M56	M56 Junction 12 (M56/A557)	111614	9	113	117016	9	113
M62	Between M62 J8 and J7	103573	11	113	108509	11	113
M6	M6 J21 between M6 Spur and M6 Spur	133139	9	113	139404	9	113
M56	Between J8 M56 and J9 M56/J20M6	86197	5	113	90200	5	113
M60	Between M60 J10 and J9	103953	6	113	110219	6	113

Road		Scenario 1 2028 Future Baseline Without Scheme			Scenario 2: 2028 Future Baseline With Scheme		
		Total Flow	HDV %	Speed (km/hr)	Total Flow	HDV %	Speed (km/hr)
M60	Between M60 J6 and 5	135606	4	113	143700	4	113
M62	Between M62/M602/M60 and M62 J11	127893	10	113	133759	10	113
M56	Between J6 and J5 M56	136070	6	113	142281	6	113
M6	Between M6 J19 and M56 J9/M6J20	98967	17	113	103470	17	113
A556	Between Chapel Lane and M56 J8	48029	7	96	50844	7	96
M6	Between J19 and J18 (M6)	113632	14	113	118801	14	113
M56	Between M6 and Junction 10	116130	10	113	121684	10	113