

Appendix 11.1

Traffic Data

**Stafford Western Access Route Environmental Statement
Volume 3 – Technical Appendices
Appendix 11.1: Traffic Data**

SourceID	Road Name	Base_2013			DN_2018			DS_2018		
		Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV
1	M6	101	55835	23.3	102	58892	22.4	99	58709	22.4
2	M6	101	55782	22.3	102	58239	21.5	99	57939	21.6
3	M6	101	55835	23.3	102	58892	22.4	99	58709	22.4
4	M6	101	55782	22.3	102	58239	21.5	99	57939	21.6
5	MARSTON ROAD	30	5281	13.2	30	5298	11.5	30	5887	9.5
6	GAOL ROAD	34	11673	8.5	33	13576	7.9	35	13481	6.9
7	COMMON ROAD	41	7089	8.1	41	7928	7.4	40	8292	7.3
8	MARSTON ROAD	30	7886	12.4	30	7871	12.0	30	8550	9.9
9	MARSTON ROAD	29	5307	13.2	28	5587	12.5	28	6468	10.4
10	ROWLEY STREET	48	3965	10.7	48	3941	11.1	48	5356	9.8
11	PEEL TERRACE	40	3585	7.3	40	3675	7.1	40	3669	7.1
12	FIRST AVENUE	45	3720	16.7	45	3810	16.4	45	3835	16.3
13	YOUNG AVENUE	45	1832	15.6	45	1944	15.9	45	1949	15.9
14	KINGSWAY	44	3527	2.5	38	4234	2.4	37	9246	2.2
15	NEWPORT ROAD	39	13515	5.2	39	14821	4.9	38	19079	4.3
16	NEWPORT ROAD	41	15120	5.0	41	16390	4.7	42	20708	4.3
17	WOLVERHAMPTON ROAD	47	15678	7.4	47	17586	5.7	47	16875	5.9
18	WOLVERHAMPTON ROAD	48	14725	7.3	48	16862	5.5	48	15252	5.0
19	CRAMER STREET	42	1619	6.4	42	1595	7.2	42	1599	7.2
20	NEWPORT ROAD	17	15356	6.3	19	16072	5.8	18	16335	6.7
21	NEWPORT ROAD	27	15929	6.1	27	16272	5.7	27	16650	6.6
22	FRIARS' ROAD	44	5993	0.0	44	4444	0.0	44	4466	0.0
23	ASDA ACCESS ROAD	33	3698	0.0	33	2751	0.0	33	2772	0.0
24	QUEENSWAY	17	13074	7.0	17	15048	5.8	17	13071	5.3
25	QUEENSWAY	32	25612	6.9	32	29064	6.0	31	26448	5.8
26	QUEENSWAY	12	13734	6.2	12	14956	5.8	12	14404	5.8
27	QUEENSWAY	33	26630	6.6	33	29786	5.8	33	27278	5.6
28	QUEENSWAY	48	12897	7.1	48	14831	5.9	48	12874	5.4
29	CORPORATION STREET	27	11918	5.9	26	11756	5.8	26	11905	6.0
30	QUEENSVILLE	39	27210	7.7	39	28315	8.2	39	28268	8.1
31	HOLMCROFT ROAD	45	2775	12.4	45	2955	12.0	45	2850	12.3
32	SUNDOWN DRIVE	23	9	54.2	0	6	0.0	23	20	60.0

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		Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV
33	NORTH AVENUE	31	1669	16.6	31	1722	16.6	31	1743	16.4
34	NORTH WALLS	32	1810	9.1	32	1547	10.7	32	1557	10.6
35	NORTH WALLS	21	5262	6.6	20	6014	6.8	20	5681	6.3
36	NORTH WALLS	32	1915	8.5	32	1629	10.1	32	1640	10.1
62	STATION ROAD	45	10371	9.1	39	12296	8.5	31	9787	10.7
37	QUEENSWAY	12	16311	5.2	13	16090	5.2	14	14901	6.5
38	QUEENSWAY	48	18284	6.6	48	20378	5.7	48	18426	5.3
39	LAMMASCOTE ROAD	48	18200	6.7	48	20315	5.7	48	18359	5.4
40	LAMMASCOTE ROAD	10	8656	4.2	10	8836	3.8	10	8721	4.3
41	DOXEY ROAD-BASE	42	20028	5.5	42	19692	5.0	42	19448	5.3
42	DOXEY ROAD-BASE	37	13244	7.1	37	14469	7.2	0	0	0.0
43	DOXEY ROAD-DS	48	10371	9.1	48	12296	8.5	0	0	0.0
45	DOXEY ROAD-BASE	32	10275	9.1	32	12172	8.5	0	0	0.0
46	A518	48	7708	6.3	48	7972	6.2	48	9884	5.3
47	CASTLE BANK	38	7708	6.3	38	7972	6.2	39	9884	5.3
48	QUEENSWAY	64	6654	3.3	64	7202	3.3	64	5632	2.0
49	QUEENSWAY	22	13196	6.1	21	15136	5.8	21	14623	5.6
50	QUEENSWAY	64	13704	5.9	64	15686	5.7	64	14801	5.5
51	QUEENSWAY	29	7116	3.1	28	8035	3.1	28	6132	1.9
52	DOXEY ROAD	48	13881	7.8	48	14952	7.7	48	13525	7.7
53	CHELL ROAD	39	8743	7.0	39	9071	7.0	35	10441	8.6
54	CHELL ROAD	26	5139	9.2	26	5881	8.7	29	3084	4.5
55	CHELL ROAD	26	18410	4.2	26	17802	4.6	26	8818	2.6
56	QUEENSWAY	2	7165	8.2	2	8152	5.9	2	7999	6.1
57	QUEENSWAY	48	14282	5.7	48	16187	4.5	48	14131	4.3
58	QUEENSWAY	64	7116	3.1	64	8035	3.1	64	6132	1.9
59	LAMMASCOTE ROAD	43	10890	6.9	43	11114	5.9	43	10983	6.0
60	QUEENSWAY	3	9979	6.5	3	12723	5.7	3	11816	5.5
61	QUEENSWAY	48	20869	6.7	48	23837	5.8	48	22799	5.8
63	DOXEY ROAD	48	1463	5.9	48	1481	5.3	48	2285	10.3
64	PARK STREET	20	1463	5.9	20	1500	5.3	20	2303	10.2
65	PARK STREET	0	0	0.0	36	655	2.1	36	7566	2.1

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		Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV
66	MARTIN DRIVE	0	0	0.0	0	0	0.0	35	9339	2.1
67	SWAR	0	0	0.0	37	3587	2.5	37	2167	2.7
70	REDGRAVE DRIVE	28	23549	5.2	28	23684	5.6	29	11902	3.1
71	SWAR jct	27	23368	5.2	27	23684	5.6	30	11902	3.1
77	GREY FRIARS' PLACE	11	2606	10.7	11	2574	13.1	12	2664	10.9
78	CHELL ROAD	41	26221	5.9	39	26880	5.6	40	26857	5.6
79	CHELL ROAD	28	12440	5.9	28	12735	5.6	28	12444	5.7
80	DOXEY ROAD	33	15216	5.3	33	15577	5.3	34	14191	6.7
81	DOXEY ROAD-DS	27	4338	13.7	26	4602	12.7	27	5704	10.4
82	DOXEY ROAD	43	1649	16.8	42	1893	17.5	42	2192	18.3
83	DOXEY ROAD-DS	32	8054	5.3	32	9997	5.1	32	9535	4.8
84	DOXEY ROAD-DS	24	729	0.0	24	2123	0.6	24	1974	0.6
85	ALBERT TERRACE	13	2027	7.0	12	2177	5.9	13	2077	7.2
86	QUEENSVILLE	12	9584	5.0	12	10524	4.8	12	9901	4.9
87	NEWPORT ROAD	18	10705	7.1	18	12830	5.5	18	10880	4.9
88	TENTERBANKS	27	7427	5.8	28	10071	5.1	28	9632	4.8
89	MARSTON ROAD	25	6095	2.6	24	7541	2.5	24	7160	2.7
90	CO-OPERATIVE STREET	8	2539	6.4	8	3670	4.8	8	3531	5.0
91	COPE STREET	39	11742	5.5	39	12517	4.4	38	10599	4.1
92	EASTGATE STREET	23	21561	6.6	23	23811	6.5	26	19273	5.8
93	AUSTIN FRIARS	13	11916	4.8	12	13215	4.9	13	11313	4.1
94	WOLVERHAMPTON ROAD	34	7654	5.4	34	7717	5.9	28	1872	2.9
95	LICHFIELD ROAD	12	6929	5.2	13	8313	5.5	13	9208	4.6
96	SOUTH WALLS	28	19570	5.0	26	20932	5.3	24	13184	4.0
97	QUEENSWAY	48	15678	7.4	48	17586	5.7	48	16875	5.9
98	NORTH WALLS	40	9013	6.6	39	9835	6.3	39	9886	6.0
99	QUEENSWAY	48	13196	6.1	48	15136	5.8	48	14623	5.6
100	GAOL ROAD	35	12540	6.8	35	14018	6.2	35	13377	6.2
101	QUEENSWAY	48	7084	5.9	48	7804	5.0	48	7788	5.0
102	QUEENSWAY	10	7641	8.5	10	9057	6.0	10	7464	5.0
103	FOREGATE STREET	43	6521	5.6	43	6740	5.0	43	6487	5.0
104	CHELL ROAD	30	13066	5.7	29	13283	5.4	30	13028	5.4

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		Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV
105	WOLVERHAMPTON ROAD	6	6544	5.7	6	6543	5.8	6	6541	5.8
106	LICHFIELD ROAD	48	6522	5.6	48	6740	5.0	48	6487	5.0
107	QUEENSWAY	40	13103	6.3	39	15595	6.4	39	15699	6.2
108	QUEENSWAY	27	3877	16.3	26	4047	16.3	26	4159	16.1
109	WOLVERHAMPTON ROAD	41	16832	8.4	40	19299	8.0	40	19827	8.0
110	WOLVERHAMPTON ROAD	30	4484	12.1	30	4934	11.2	30	5722	9.4
111	BAILEY STREET	48	6132	5.8	48	7122	6.5	48	6463	7.1
112	LICHFIELD ROAD	24	3965	10.7	23	3941	11.1	23	5356	9.8
113	LICHFIELD ROAD	41	26828	6.7	41	30458	6.3	41	31471	6.5
114	LICHFIELD ROAD	35	27386	6.9	35	30519	6.5	35	31645	6.7
115	STONE ROAD	43	12472	7.6	43	13705	7.0	44	4518	5.2
116	HOLMCROFT ROAD	34	13111	8.0	35	15570	7.2	33	14987	6.5
117	STONE ROAD	36	8830	6.5	36	10864	6.7	38	10226	5.7
118	MARSTON ROAD	48	10371	9.1	48	12296	8.5	42	16101	6.8
119	ASTONFIELDS ROAD	26	23092	5.3	26	23407	5.6	28	11624	3.2
120	ROWLEY STREET	38	15930	6.1	35	16272	5.7	38	16650	6.6
121	GREY FRIARS	36	15937	4.3	35	18228	4.2	37	15582	4.5
122	GREY FRIARS	23	3490	6.5	23	3498	5.9	22	4205	9.1
123	FOREGATE STREET	24	2027	7.0	24	2177	5.9	24	2077	7.2
124	GAOL ROAD	32	16695	6.0	32	18672	5.6	31	18645	5.5
125	GAOL ROAD	18	7681	5.4	16	8837	4.9	16	8759	4.8
126	DOXEY ROAD-realigned	48	9013	6.6	48	9835	6.3	48	9886	6.0
127	CHELL ROAD	41	15568	5.0	41	18060	4.5	41	16308	4.6
128	NEWPORT ROAD	41	889	3.2	41	987	2.8	41	987	2.8
129	NEWPORT ROAD	0	0	0.0	0	0	0.0	0	0	0.0
130	FRIARS' WALK	35	11077	8.2	35	11919	9.5	35	11818	9.0
131	FRIARS' TERRACE	45	13704	5.9	45	15686	5.7	45	14801	5.5
132	LICHFIELD ROAD	15	5303	5.6	15	5485	5.4	15	5485	5.4
133	LICHFIELD ROAD	27	20027	5.5	26	19692	5.0	26	19448	5.3
134	LICHFIELD ROAD	20	14631	7.3	19	15391	7.0	20	9961	7.0
135	NEWPORT ROAD	43	4487	0.0	42	3460	0.0	0	0	0.0
137	AMPLEFORTH DRIVE	21	7214	3.4	21	5477	3.3	22	5535	3.3

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		Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV
138	OLD RICKERSCOTE LANE	48	10023	5.6	48	10606	5.2	48	10004	5.3
139	SILKMORE LANE	15	8985	5.4	13	9605	4.8	14	8992	5.0
140	QUEENSWAY	43	17459	9.7	42	20003	9.4	43	20246	9.2
141	QUEENSWAY	35	2107	6.6	38	2668	5.4	32	3029	5.8
142	LAMMASCOTE ROAD	37	2838	4.9	35	3580	4.1	37	3941	4.4
143	FOREGATE STREET	40	5895	5.8	37	6084	6.5	39	6139	6.4
144	DOXEY ROAD-BASE	33	25777	7.1	33	28295	6.7	34	29923	6.9
145	SWAR	14	12472	7.6	14	13733	7.0	5	4548	5.2
146	EARL STREET	37	14631	7.3	36	15425	7.0	37	9996	7.0
148	LICHFIELD ROAD	38	3746	11.8	37	2816	12.4	25	16949	7.7
149	LICHFIELD ROAD	35	3714	7.2	35	3465	8.2	35	3471	8.2
147	STONE ROAD	0	0	0.0	0	0	0.0	46	16254	7.7
136	BROWNING STREET	0	0	0.0	0	0	0.0	32	16254	7.7
76	BROWNING STREET	0	0	0.0	0	0	0.0	24	15379	6.9
75	ROWLEY AVENUE	0	0	0.0	0	0	0.0	20	609	10.3
74	FOREGATE STREET	0	0	0.0	0	0	0.0	48	15988	7.0
73	FOREGATE STREET	0	0	0.0	0	0	0.0	28	12846	7.8
72	FOREGATE STREET	0	0	0.0	0	0	0.0	48	13455	7.9
69	SWAR	0	0	0.0	0	0	0.0	28	2849	12.2
68	GREY FRIARS' PLACE	0	0	0.0	0	0	0.0	32	3564	0.0
44	GREY FRIARS' PLACE	0	0	0.0	0	0	0.0	48	16101	6.8
150	STATION ROAD	18	16437	5.2	18	16287	5.2	17	14956	6.4
151	STATION ROAD	11	16437	5.2	11	16287	5.2	11	14956	6.4
152	VICTORIA ROAD	34	15384	5.3	34	15579	5.2	34	14326	6.5
154	DOXEY ROAD	0	0	0.0	30	11474	9.0	27	8951	11.5
155	DOXEY ROAD	44	8113	8.0	44	9275	7.8	44	6714	10.8
156	DOXEY ROAD	0	0	0.0	42	8532	8.4	42	6724	10.8
157	DOXEY ROAD	48	4624	6.2	48	4880	6.8	48	3021	11.2
158	ASTON BANK	64	4444	6.4	64	4702	7.0	64	2841	11.9
159	ASTON BANK	80	4444	6.4	80	4701	7.0	80	2841	11.9
160	ASTON BANK	77	3668	7.1	77	4003	6.8	77	1927	14.0
161	ASTON BANK	77	3668	7.1	77	4003	6.8	77	1927	14.0

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		Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV	Speed(kph)	Traffic Flow	%HDV
162	BLACKHOLE LANE	59	1782	5.5	59	1907	5.1	60	1346	6.7
163	LONG LANE	77	2462	9.9	77	2688	9.2	77	1187	19.8
164	BUTTERBANK LANE	55	1296	19.4	55	1160	22.1	55	1097	22.5
165	BUTTERBANK LANE	60	1588	4.5	60	1976	3.7	60	525	11.5
166	BUTTERBANK LANE	60	1588	4.5	60	1976	3.7	60	525	11.5
167	STATION ROAD	60	1588	4.5	60	1976	3.7	60	525	11.5
168	STATION ROAD	60	1588	4.5	60	1976	3.7	60	525	11.5
169	STATION ROAD	60	1588	4.5	60	1976	3.7	60	525	11.5
170	STATION ROAD	60	1588	4.5	60	1976	3.7	60	525	11.5
171	A518	76	6816	8.8	76	7417	8.2	76	7481	8.5
172	A519	76	5627	10.4	76	5856	10.2	76	7358	8.5
173	A520	76	7686	6.8	76	8065	6.6	75	9638	5.9
174	A521	76	7686	6.8	76	8065	6.6	75	9638	5.9
175	THE CRESCENT	26	2552	12.4	26	2528	13.1	26	2545	13.0
176	BRADBURY RISE	38	3912	9.3	38	4116	9.3	38	4125	9.3
177	CASTLE BANK	41	9627	6.3	41	10626	5.9	40	13004	5.0
178	NEWPORT ROAD	48	9627	6.3	48	10626	5.9	48	13004	5.0
179	NEWPORT ROAD	28	9627	6.3	28	10626	5.9	30	13004	5.0