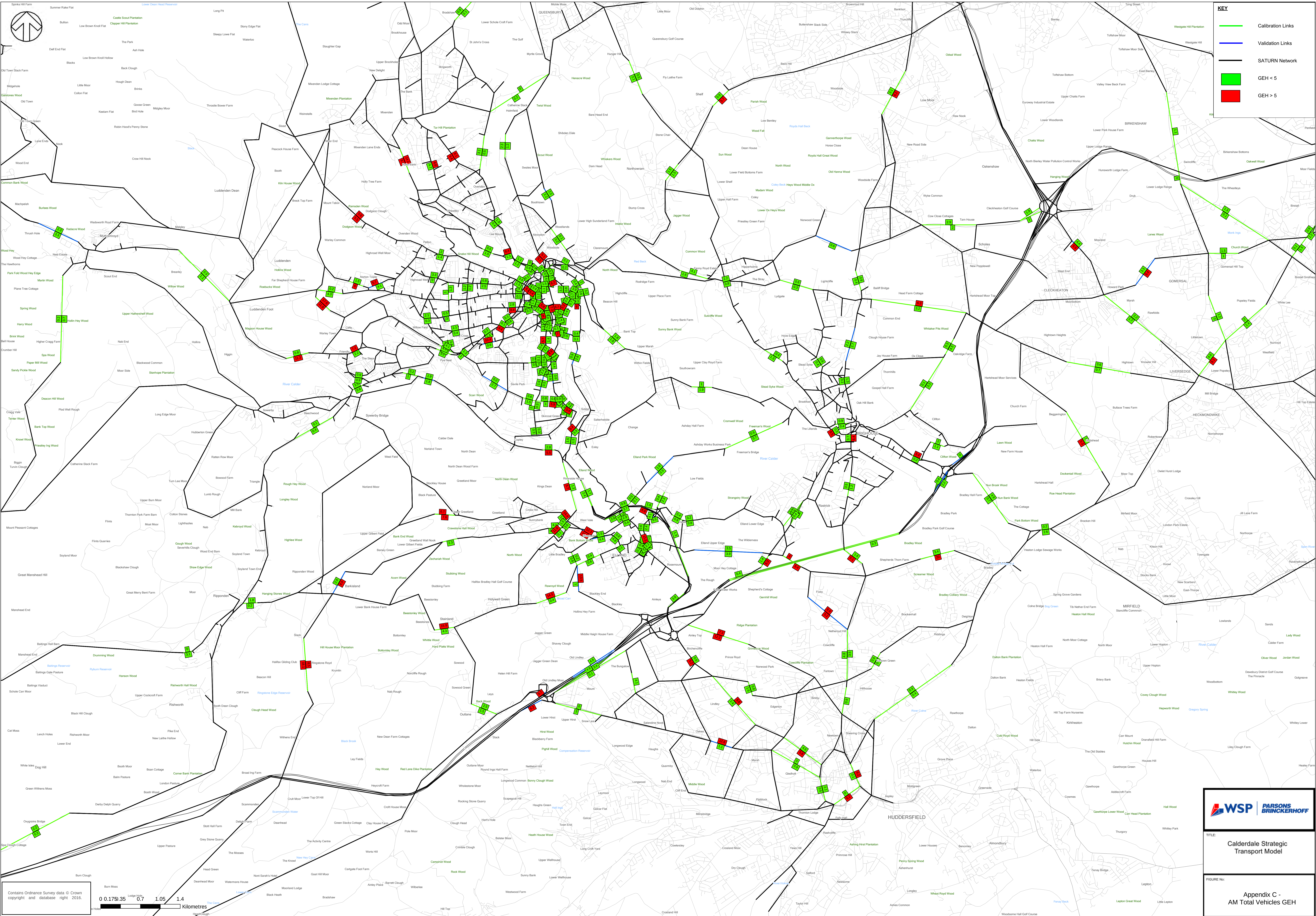


Appendix C

LINK PERFORMANCE

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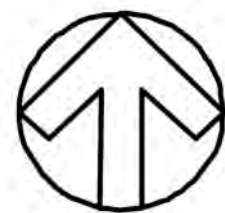


WSP | **PARSONS BRINCKERHOFF**

TITLE: **Calderdale Strategic Transport Model**

FIGURE NO: **Appendix C - AM Total Vehicles GEH**

Drawn By:



KEY

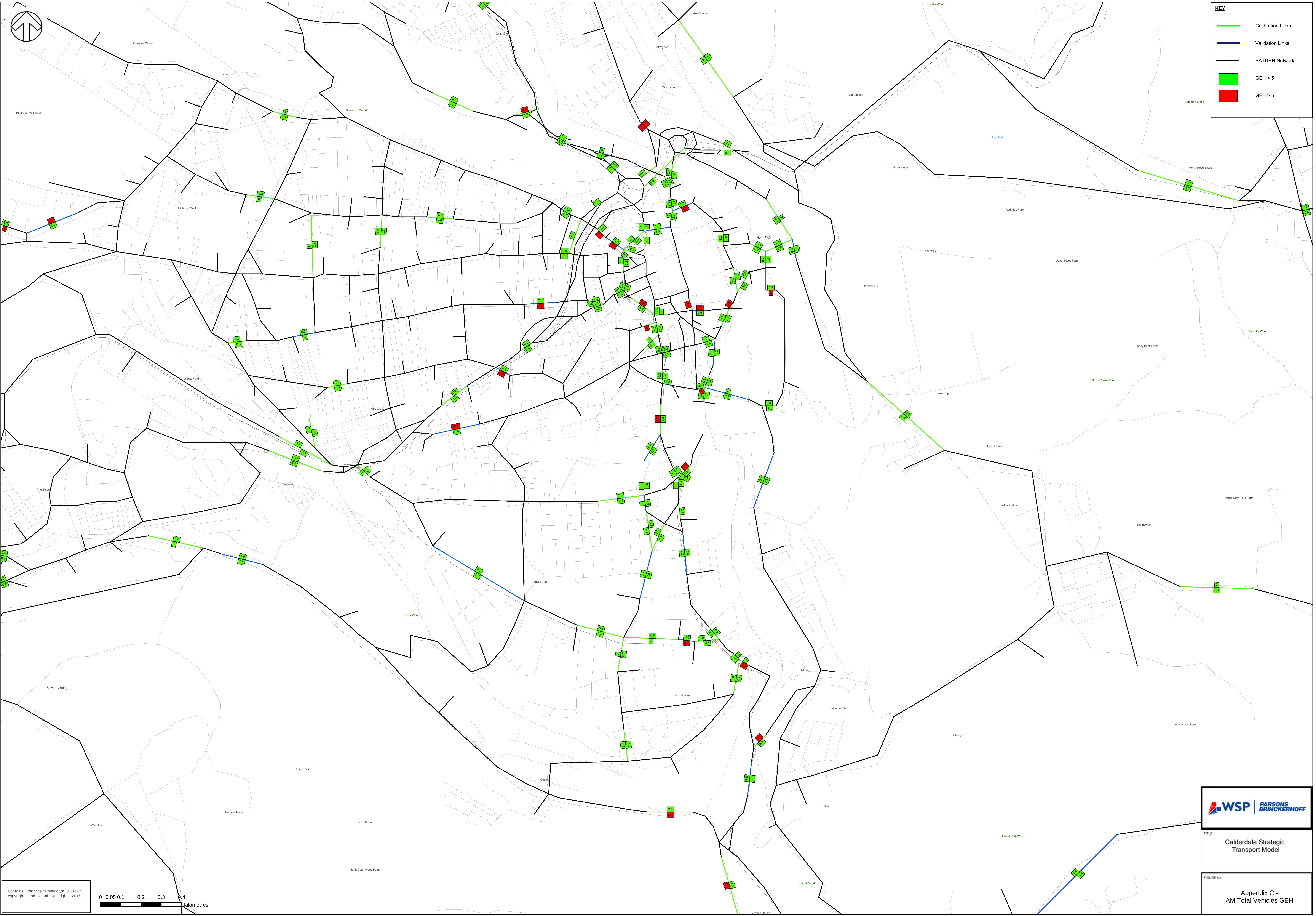
Calibration Links

Validation Links

SATURN Network

GEH < 5

GEH > 5



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0 0.05 0.1 0.2 0.3 0.4 Kilometres

WSP

PARSONS
BRINCKERHOFF

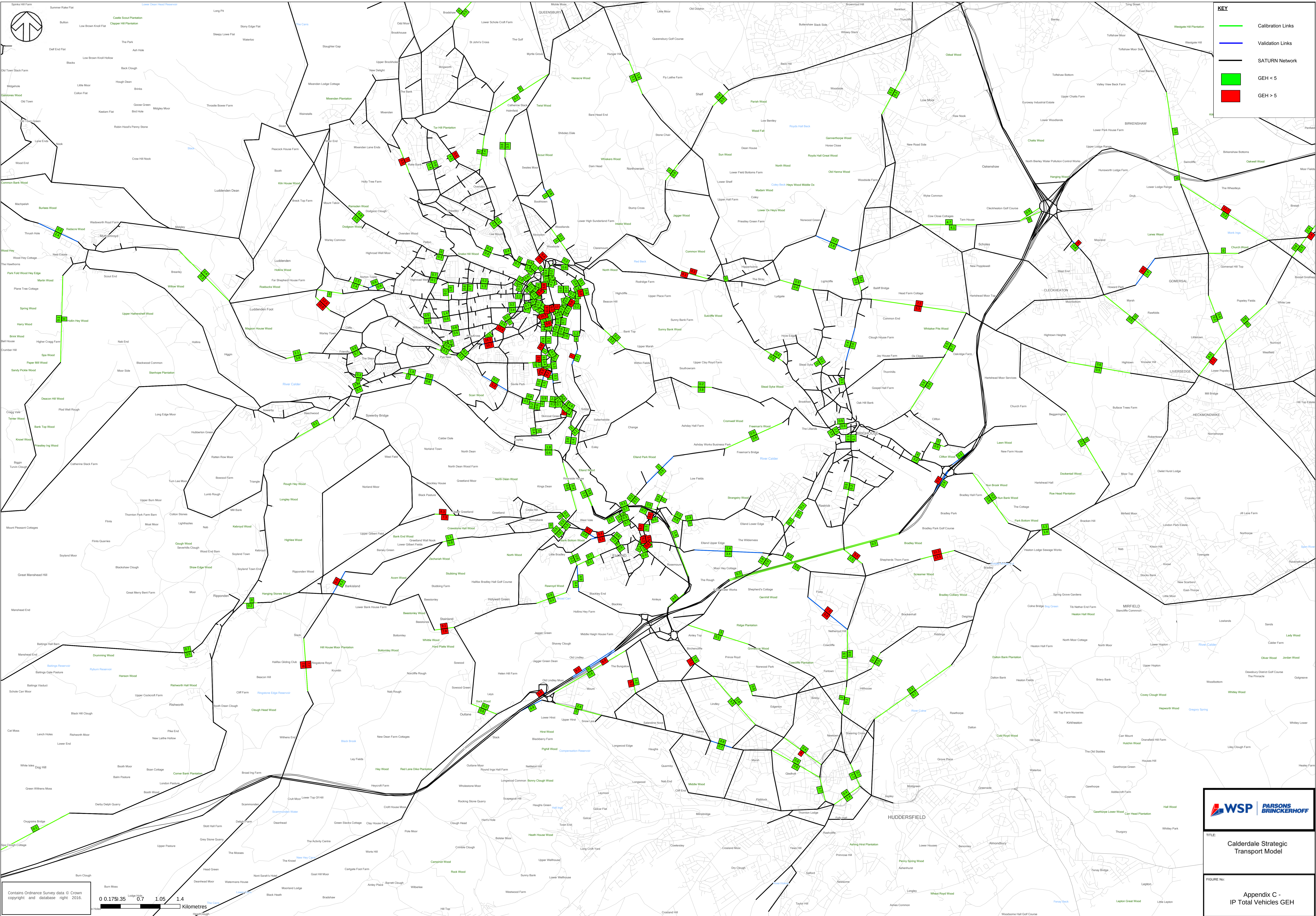
TITLE:
Calderdale Strategic
Transport Model

FIGURE No:
Appendix C -
AM Total Vehicles GEH

File:

Drawn By:

File:



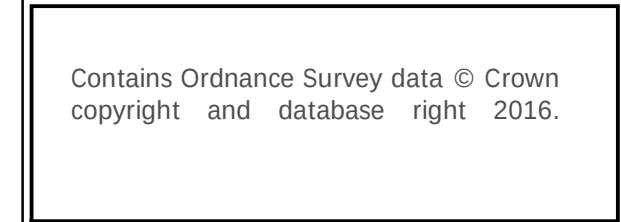
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- Calibration Links
- Validation Links
- SATURN Network
- GEH < 5
- GEH > 5



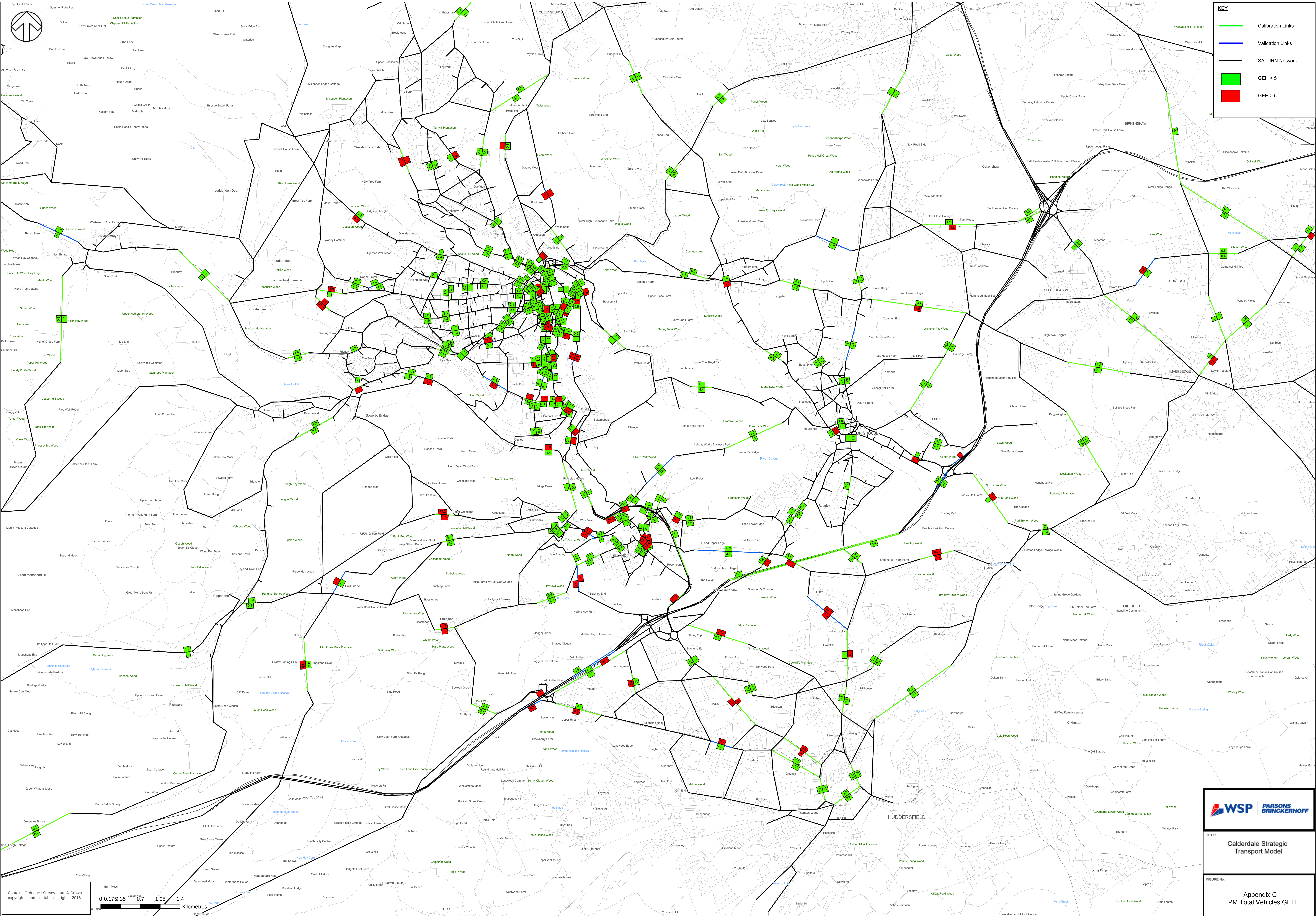
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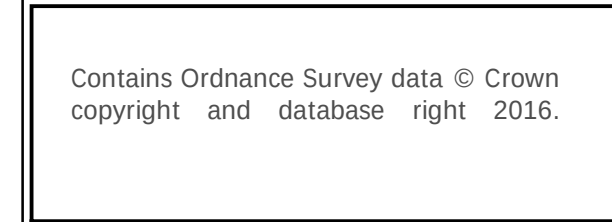
FIGURE NO:
Appendix C -
IP Total Vehicles GEH



Drawn By:

File:





APPENDIX C-1

LINK CALIBRATION

AM calibration										ALL VEHICLES					Cars						
ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?
1	Calibration		1NB	Crowtress Lane	NB	Jul-13	MCC	No	3176-3175	3176	3175	376	388	0.587	Yes	Yes	342	345	0.129	Yes	Yes
2	Calibration		1SB	Crowtress Lane	SB	Jul-13	MCC	No	3175-3176	3175	3176	348	378	1.578	Yes	Yes	307	322	0.824	Yes	Yes
5	Calibration		3EB	Freeschool Lane	EB	02/04/2014 - 16/04/2014	ATC	No	2631-1012	2631	1012	349	302	2.607	Yes	Yes	303	285	1.038	Yes	Yes
6	Calibration		3WB	Freeschool Lane	WB	02/04/2014 - 16/04/2014	ATC	No	1012-2631	1012	2631	243	255	0.758	Yes	Yes	211	223	0.809	Yes	Yes
7	Calibration		4EB	Skircoat Moor Road	EB	02/04/2014 - 16/04/2014	ATC	No	1390-1009	1390	1009	620	634	0.553	Yes	Yes	519	532	0.544	Yes	Yes
8	Calibration		4WB	Skircoat Moor Road	WB	02/04/2014 - 16/04/2014	ATC	No	1009-1390	1009	1390	350	322	1.525	Yes	Yes	293	273	1.213	Yes	Yes
9	Calibration		5NB	Skircoat Green Road	NB	02/04/2014 - 16/04/2014	ATC	No	1481-1398	1481	1398	247	252	0.299	Yes	Yes	215	234	1.242	Yes	Yes
10	Calibration		5SB	Skircoat Green Road	SB	02/04/2014 - 16/04/2014	ATC	No	1398-1481	1398	1481	211	207	0.263	Yes	Yes	183	187	0.269	Yes	Yes
11	Calibration		6EB	A6026 Wakefield Road	EB	02/04/2014 - 16/04/2014	ATC	No	2266-1002	2266	1002	535	602	2.831	Yes	Yes	448	510	2.868	Yes	Yes
12	Calibration		6WB	A6026 Wakefield Road	WB	02/04/2014 - 16/04/2014	ATC	No	1002-2266	1002	2266	545	423	5.525	No	No	456	342	5.693	No	No
21	Calibration		9SB	A629 Skircoat Road/Free School Lane Junction	SB	Apr-14	MCC	No	2381-1014	2381	1014	511	559	2.054	Yes	Yes	395	459	3.116	Yes	Yes
22	Calibration		9NB	A629 Skircoat Road/Free School Lane Junction	NB	Apr-14	MCC	No	1014-2381	1014	2381	656	587	2.746	Yes	Yes	556	499	2.493	Yes	Yes
23	Calibration		9WB	A629 Skircoat Road/Free School Lane Junction	WB	Apr-14	MCC	No	1485-1014	1485	1014	211	215	0.286	Yes	Yes	177	181	0.290	Yes	Yes
24	Calibration		9EB	A629 Skircoat Road/Free School Lane Junction	EB	Apr-14	MCC	No	1014-1485	1014	1485	233	115	8.925	No	No	219	115	8.007	No	No
25	Calibration		9NB	A629 Skircoat Road/Free School Lane Junction	NB	Apr-14	MCC	No	1484-1014	1484	1014	658	566	3.701	Yes	Yes	582	492	3.871	Yes	Yes
26	Calibration		9SB	A629 Skircoat Road/Free School Lane Junction	SB	Apr-14	MCC	No	1014-1484	1014	1484	601	557	1.852	Yes	Yes	487	457	1.369	Yes	Yes
31	Calibration		10SWB	A629 Skircoat Road/huddersfield Road Junction	SWB	Apr-14	MCC	No	1485-1484	1485	1484	321	296	1.448	Yes	Yes	284	269	0.932	Yes	Yes
32	Calibration		10NEB	A629 Skircoat Road/Huddersfield Road Junction	NEB	Apr-14	MCC	No	1484-1485	1484	1485	486	462	1.115	Yes	Yes	463	434	1.365	Yes	Yes
37	Calibration		11NB	A629 Huddersfield Road/Skircoat Green Road Junction	NB	Apr-14	MCC	No	2630-1011	2630	1011	1076	918	5.004	No	Yes	963	827	4.557	Yes	Yes
38	Calibration		11SB	A629 Huddersfield Road/Skircoat Green Road Junction	SB	Apr-14	MCC	No	1011-2630	1011	2630	923	853	2.350	Yes	Yes	771	726	1.654	Yes	Yes
51	Calibration		14SB	A629 Huddersfield Road/A646 Dry Clough Lane	SB	Apr-14	MCC	No	2386-1008	2386	1008	875	894	0.612	Yes	Yes	738	770	1.152	Yes	Yes
52	Calibration		14NB	A629 Huddersfield Road/A646 Dry Clough Lane	NB	Apr-14	MCC	No	1008-2386	1008	2386	1093	954	4.354	Yes	Yes	980	850	4.282	Yes	Yes
57	Calibration		15SB	A629 Huddersfield Road/Dudwell Lane	SB	Apr-14	MCC	No	2390-1483	2390	1483	1253	1252	0.011	Yes	Yes	1072	1085	0.399	Yes	Yes
58	Calibration		15NB	A629 Huddersfield Road/Dudwell Lane	NB	Apr-14	MCC	No	1483-2390	1483	2390	1373	1201	4.782	Yes	Yes	1235	1066	4.995	Yes	Yes
59	Calibration		15SB	A629 Huddersfield Road/Dudwell Lane	SB	Apr-14	MCC	No	2391-1483	2391	1483	1536	1330	5.432	No	Yes	1394	1202	5.343	No	Yes
60	Calibration		15NB	A629 Huddersfield Road/Dudwell Lane	NB	Apr-14	MCC	No	1483-2391	1483	2391	1331	1296	0.958	Yes	Yes	1146	1134	0.380	Yes	Yes
61	Calibration		15EB	A629 Huddersfield Road/Dudwell Lane	EB	Apr-14	MCC	No	1477-1483	1477	1483	199	188	0.799	Yes	Yes	185	177	0.580	Yes	Yes
62	Calibration		15WB	A629 Huddersfield Road/Dudwell Lane	WB	Apr-14	MCC	No	1483-1477	1483	1477	285	273	0.723	Yes	Yes	269	263	0.339	Yes	Yes
63	Calibration		16WB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	WB	Apr-14	MCC	No	1008-2387	1008	2387	377	368	0.463	Yes	Yes	343	317	1.431	Yes	Yes
64	Calibration		16EB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	EB	Apr-14	MCC	No	2387-1008	2387	1008	482	481	0.963	Yes	Yes	418	416	0.126	Yes	Yes
71	Calibration		17WB	A646 Dry Clough Lane/Skircoat Green Road	WB	Apr-14	MCC	No	2385-1009	2385	1009	291	275	0.951	Yes	Yes	260	245	0.943	Yes	Yes
72	Calibration		17EB	A646 Dry Clough Lane/Skircoat Green Road	EB	Apr-14	MCC	No	1009-2385	1009	2385	505	524	0.822	Yes	Yes	460	467	0.330	Yes	Yes
73	Calibration		17NB	A646 Dry Clough Lane/Skircoat Green Road	NB	Apr-14	MCC	No	1396-1009	1396	1009	403	424	1.025	Yes	Yes	369	397	1.410	Yes	Yes
74	Calibration		17SB	A646 Dry Clough Lane/Skircoat Green Road	SB	Apr-14	MCC	No	1009-1396	1009	1396	431	436	0.270	Yes	Yes	387	390	0.162	Yes	Yes
81	Calibration		19SB	Skircoat Green Road/Heath Road	SB	Apr-14	MCC	No	1401-1010	1401	1010	196	204	0.515	Yes	Yes	172	181	0.658	Yes	Yes
82	Calibration		19NB	Skircoat Green Road/Heath Road	NB	Apr-14	MCC	No	1010-1401	1010	1401	286	221	4.119	Yes	Yes	266	200	4.341	Yes	Yes
83	Calibration		19SB	Skircoat Green Road/Heath Road	SB	Apr-14	MCC	No	1399-1010	1399	1010	18	17	0.391	Yes	Yes	17	17	0.149	Yes	Yes
84	Calibration		19NB	Skircoat Green Road/Heath Road	NB	Apr-14	MCC	No	1010-1399	1010	1399	98	121	2.200	Yes	Yes	90	111	2.108	Yes	Yes
87	Calibration		20SB	Heath Road/Free School Lane	SB	Apr-14	MCC	No	2382-1012	2382	1012	179	186	0.487	Yes	Yes	161	165	0.346	Yes	Yes
88	Calibration		20NB	Heath Road/Free School Lane	NB	Apr-14	MCC	No	1012-2382	1012	2382	277	279	0.115	Yes	Yes	256	243	0.775	Yes	Yes
98	Calibration		24NB	M62 approaching Clough Lane	NB	Jun-14	TRADES	No	3406-3408	3406	3408	3902	3928	0.409	Yes	Yes	319	3202	0.408	Yes	Yes
99	Calibration		25SB	M62 after Clough Lane	SB	Jun-14	TRADES	No	3409-3407	3409	3407	3431	3416	0.255	Yes	Yes	2571	2557	0.285	Yes	Yes
110	Calibration		33SB	A629 Calderdale Way	SB	Jun-14	ANPR	No	3265-3266	3265	3266	464	430	1.598	Yes	Yes	426	399	1.321	Yes	Yes
111	Calibration		33NB	A629 Calderdale Way	NB	Jun-14	ANPR	No	3257-3264	3257	3264	122	211	6.930	No	Yes	105	177	6.044	No	Yes
112	Calibration		34SWB	Lowfields Way	SWB	Jun-14	ANPR	No	3923-3331	3923	3331	109	86	2.289	Yes	Yes	50	50	0.000	Yes	Yes
113	Calibration		34NEB	Lowfields Way	NEB	Jun-14	ANPR	No	3331-3923	3331	3923	540	531	0.396	Yes	Yes	479	479	0.007	Yes	Yes
122	Calibration		39EB	B6113 Saddleworth Road	EB	Jun-14	ATC	No	3517-3527	3517	3527	284	206	5.009	No	Yes	260	161	6.841	No	Yes
123	Calibration		39WB	B6113 Saddleworth Road	WB	Jun-14	ATC	No	3527-3517	3527	3517	183	216	2.332	Yes	Yes	159	183	1.818	Yes	Yes
124	Calibration		40NB	A629 Huddersfield Road	NB	Jun-14	ATC	No	3300-3296	3300	3296	1174	1309	3.851	Yes	Yes	1033	1110	2.341	Yes	Yes
125	Calibration		41SB	Calderdale Way at bus stop	SB	Jun-14	ATC	No	3286-3292	3286	3292	749	785	1.290	Yes	Yes	662	661	0.042	Yes	Yes
127	Calibration		43NB	Site 17 - Bradford Road	NB	Jun-14	ATC/RSI	No	3944-3195	3944	3195	762	750	0.444	Yes	Yes	672	658	0.548	Yes	Yes
134	Calibration		50SEB	Site 9 - New Road	SEB	Jun-14	ATC/RSI	No	3888-3886	3888	3886	131	161	2.483	Yes	Yes	119	139	1.799	Yes	Yes
142	Calibration		57NEB	Site 18 - Wade House Road	NEB	Jun-14	ATC/RSI	No	3235-4404	3235	4404	938	966	0.892	Yes	Yes	834	842	0.267	Yes	Yes
143	Calibration		58SB	Site 19 - A644 Brighouse & Denholme Gate Road	SB	Jun-14	ATC/RSI	No	1238-1452	1238	1452	521	510	0.467	Yes	Yes	426	424	0.083	Yes	Yes
145	Calibration		59NB	Site 3 - Moor End Road (2016 update)	NB	28-11-2013 to 06-12-2013	ATC/RSI	No	1046-2317	1046	2317	156	232	5.470	No	Yes	130	181	4.042	Yes	Yes
146	Calibration		59SB	Site 3 - Moor End Road (2016 update)	SB	28-11-2013 to 06-12-2013	ATC/RSI	No	2317-1046	2317	1046	262	179	5.567	No	Yes	230	159	5.070	No	Yes
147	Calibration		60NB	A58 Kings Cross Road	NB	12-06-2013 to 20-06-2013	ATC	No	1584-1594	1584	1594	973	974	0.060	Yes	Yes	814	821	0.246	Yes	Yes
148	Calibration		60SB	A58 Kings Cross Road	SB	12-06-2013 to 20-06-2013	ATC	No	1594-1584	1594	1584	974	998	0.781	Yes	Yes	815	832	0.600	Yes	Yes
149	Calibration		61NEB	A58 Calder Bridge	NEB	20-06-2013 to 01-07-2013	ATC	No	1113-2275	1113	2275	791	696	3.505	Yes	Yes	662	620	1.672	Yes	Yes
150	Calibration		61SWB	A58 Calder Bridge	SWB	20-06-2013 to 01-07-2013	ATC	No	2275-1113	2275	1113	727	707	0.761	Yes	Yes	609	606	0.089	Yes	Yes
153	Calibration		63EB	A58 West of Hipperholme	EB	10-07-2013 to 26-07-2013	ATC	No	1168-4238	1168	4238	624	526	4.074	Yes	Yes	522	526	0.160	Yes	Yes
154	Calibration		63WB	A58 West of Hipperholme	WB	10-07-2013 to 26-07-2013	ATC	No	4238-1168	4238	1168	567	605	1.593	Yes	Yes	474	497	1.024	Yes	Yes
155	Calibration		64EB	A6025 Park Road	EB	05-07-2013 to 15-07-2013	ATC	No	3244-3243	3244	3243	604	615	0.465	Yes	Yes	505	511	0.226	Yes	Yes
156	Calibration		65WB	A6025 Park Road	WB	05-07-2013 to 15-07-2013	ATC	No	3243-3244	3243	3244	503	487	0.713	Yes	Yes	421	422	0.060	Yes	Yes
159	Calibration		68EB	A6026 Wakefield Road	EB	20-06-2013 to 01-07-2013	ATC	No	1355-1354	1355	1354	488	492	0.174	Yes	Yes					

162	Calibration	71SB	A6033 South of Todmorden	SB	22-07-2013 to 30-07-2013	ATC	No	4927-4251	4927	4251	311	303	0.455	Yes	Yes	261	258	0.191	Yes	Yes
163	Calibration	72NB	A6033 Keighley Road Peckett Well	NB	07-02-2013 to 18-02-2013	ATC	No	3753-3754	3753	3754	111	113	0.163	Yes	Yes	93	95	0.185	Yes	Yes
164	Calibration	73SB	A6033 Keighley Road Peckett Well	SB	07-02-2013 to 18-02-2013	ATC	No	3754-3753	3754	3753	137	142	0.412	Yes	Yes	115	120	0.478	Yes	Yes
165	Calibration	74NB	A6036 North of Northowram	NB	10-07-2013 to 18-07-2013	ATC	No	1167-1234	1167	1234	594	557	1.525	Yes	Yes	497	486	0.494	Yes	Yes
166	Calibration	75SB	A6036 North of Northowram	SB	10-07-2013 to 18-07-2013	ATC	No	1234-1167	1234	1167	449	418	1.501	Yes	Yes	376	357	0.989	Yes	Yes
167	Calibration	76EB	Site 11 - A6107 Clough Lane (2016 update)	EB	15-07-2013 to 23-07-2013	ATC/RSI	No	3137-3135	3137	3135	867	699	5.997	No	No	782	636	5.478	No	No
168	Calibration	77WB	Site 11 - A6107 Clough Lane (2016 update)	WB	15-07-2013 to 23-07-2013	ATC/RSI	No	3135-3137	3135	3137	750	585	6.399	No	No	684	555	5.164	No	No
169	Calibration	78NB	A6139 Tuel Lane	NB	20-06-2013 to 01-07-2013	ATC	No	1356-1112	1356	1112	339	355	0.895	Yes	Yes	284	301	1.007	Yes	Yes
170	Calibration	79SB	A6139 Tuel Lane	SB	20-06-2013 to 01-07-2013	ATC	No	1112-1356	1112	1356	372	390	0.940	Yes	Yes	311	327	0.895	Yes	Yes
171	Calibration	80NB	A629 Halifax Causeway Foot	NB	11-04-2013 to 22-04-2013	ATC	No	4016-1247	4016	1247	363	352	0.584	Yes	Yes	304	294	0.607	Yes	Yes
172	Calibration	80SB	A629 Halifax Causeway Foot	SB	11-04-2013 to 22-04-2013	ATC	No	1247-4016	1247	4016	512	529	0.741	Yes	Yes	429	445	0.803	Yes	Yes
175	Calibration	82NB	Site 12 - A641 South of Brighouse (2016 update)	NB	02-07-2014 to 21-07-2014	ATC/RSI	No	3133-3132	3133	3132	908	761	5.060	No	No	812	668	5.283	No	No
176	Calibration	82SB	Site 12 - A641 South of Brighouse (2016 update)	SB	02-07-2014 to 21-07-2014	ATC/RSI	No	3132-3133	3132	3133	920	969	1.596	Yes	Yes	806	806	0.000	Yes	Yes
181	Calibration	85NB	Site 10 - A643 South of Rastrick (2016 update)	NB	08-07-2013 to 16-07-2013	ATC/RSI	No	3173-4291	3173	4291	628	664	1.444	Yes	Yes	568	631	2.558	Yes	Yes
182	Calibration	85SB	Site 10 - A643 South of Rastrick (2016 update)	SB	08-07-2013 to 16-07-2013	ATC/RSI	No	4291-3173	4291	3173	470	616	6.264	No	No	419	559	6.308	No	No
183	Calibration	86NB	A643 Cleckheaton Road	NB	05-07-2013 to 15-07-2013	ATC	No	3068-3070	3068	3070	378	377	0.070	Yes	Yes	316	310	0.354	Yes	Yes
184	Calibration	86SB	A643 Cleckheaton Road	SB	05-07-2013 to 15-07-2013	ATC	No	3070-3068	3070	3068	335	399	3.323	Yes	Yes	280	349	3.885	Yes	Yes
187	Calibration	88EB	A644 Commercial Street	EB	02-07-2014 to 11-07-2014	ATC	No	3042-3942	3042	3942	1028	1000	0.889	Yes	Yes	860	833	0.950	Yes	Yes
188	Calibration	88WB	A644 Commercial Street	WB	02-07-2014 to 11-07-2014	ATC	No	3942-3042	3942	3042	792	803	0.376	Yes	Yes	663	682	0.732	Yes	Yes
189	Calibration	89NB	A644 North of Brighouse	NB	05-07-2013 to 15-07-2013	ATC	No	3169-3205	3169	3205	399	425	1.290	Yes	Yes	334	349	0.829	Yes	Yes
190	Calibration	89SB	A644 North of Brighouse	SB	05-07-2013 to 15-07-2013	ATC	No	3205-3169	3205	3169	456	448	0.393	Yes	Yes	382	369	0.645	Yes	Yes
193	Calibration	91WB	Site 13 - A644 Wakefield Road (2016 update)	WB	08-07-2013 to 16-07-2013	ATC/RSI	No	3097-3095	3097	3095	466	470	0.189	Yes	Yes	353	358	0.247	Yes	Yes
194	Calibration	91EB	Site 13 - A644 Wakefield Road (2016 update)	EB	08-07-2013 to 16-07-2013	ATC/RSI	No	3095-3097	3095	3097	618	490	5.443	No	No	405	357	2.478	Yes	Yes
195	Calibration	92NB	A646 West of Todmorden	NB	06-08-2014 to 15-08-2014	ATC	No	3684-3687	3684	3687	267	268	0.055	Yes	Yes	224	224	0.027	Yes	Yes
196	Calibration	92SB	A646 West of Todmorden	SB	06-08-2014 to 15-08-2014	ATC	No	3687-3684	3687	3684	162	161	0.068	Yes	Yes	135	135	0.043	Yes	Yes
197	Calibration	93NB	Skircoat Moor Road	NB	12-06-2013 to 20-06-2013	ATC	No	2294-1064	2294	1064	439	419	0.981	Yes	Yes	368	348	1.023	Yes	Yes
198	Calibration	93SB	Skircoat Moor Road	SB	12-06-2013 to 20-06-2013	ATC	No	1064-2294	1064	2294	714	679	1.318	Yes	Yes	598	574	0.975	Yes	Yes
199	Calibration	94EB	A646 Burnley Road	EB	12-06-2013 to 20-06-2013	ATC	No	1428-1080	1428	1080	772	890	4.109	Yes	No	646	723	2.955	Yes	Yes
200	Calibration	94WB	A646 Burnley Road	WB	12-06-2013 to 20-06-2013	ATC	No	1080-1428	1080	1428	397	348	2.521	Yes	Yes	332	287	2.552	Yes	Yes
201	Calibration	95EB	A646 Halifax Road	EB	01-02-2013 to 07-02-2013	ATC	No	3662-3659	3662	3659	414	426	0.579	Yes	Yes	347	350	0.206	Yes	Yes
202	Calibration	95WB	A646 Halifax Road	WB	01-02-2013 to 07-02-2013	ATC	No	3659-3662	3659	3662	350	355	0.232	Yes	Yes	293	293	0.021	Yes	Yes
207	Calibration	98NB	A647 Halifax Road	NB	27-06-2013 to 05-07-2013	ATC	No	1036-1243	1036	1243	223	191	2.266	Yes	Yes	197	154	2.539	Yes	Yes
208	Calibration	98SB	A647 Halifax Road	SB	27-06-2013 to 05-07-2013	ATC	No	1243-1036	1243	1036	510	482	1.244	Yes	Yes	427	444	0.812	Yes	Yes
209	Calibration	99EB	A649 Lightcliffe	EB	15-07-2013 to 23-07-2013	ATC	No	3218-3221	3218	3221	428	415	0.643	Yes	Yes	359	341	0.952	Yes	Yes
210	Calibration	99WB	A649 Lightcliffe	WB	15-07-2013 to 23-07-2013	ATC	No	3221-3218	3221	3218	391	397	0.344	Yes	Yes	327	329	0.117	Yes	Yes
211	Calibration	100EB	Site 15 - A649 Hartshead Moor Top / Birkby Lane (2016 update)	EB	15-07-2013 to 23-07-2013	ATC/RSI	No	3082-3073	3082	3073	300	419	6.261	No	No	254	365	6.320	No	No
212	Calibration	100WB	Site 15 - A649 Hartshead Moor Top / Birkby Lane (2016 update)	WB	15-07-2013 to 23-07-2013	ATC/RSI	No	3073-3082	3073	3082	301	359	3.186	Yes	Yes	256	294	2.313	Yes	Yes
213	Calibration	101EB	A672 SW of Ripponden	EB	26-07-2013 to 05-08-2013	ATC	No	3573-3574	3573	3574	171	201	2.246	Yes	Yes	143	174	2.464	Yes	Yes
214	Calibration	101WB	A672 SW of Ripponden	WB	26-07-2013 to 05-08-2013	ATC	No	3574-3573	3574	3573	238	244	0.335	Yes	Yes	200	203	0.230	Yes	Yes
215	Calibration	102NB	Site 7 - Stainland Road (2016 update)	NB	19-06-2013 to 27-06-2013	ATC/RSI	No	3495-1667	3495	1667	902	738	5.733	No	No	808	659	5.500	No	No
216	Calibration	102SB	Site 7 - Stainland Road (2016 update)	SB	19-06-2013 to 27-06-2013	ATC/RSI	No	1667-3495	1667	3495	483	455	1.311	Yes	Yes	403	380	1.177	Yes	Yes
221	Calibration	105NB	B6114 Ringstone Edge Moor	NB	29-07-2013 to 06-08-2013	ATC	No	3732-3731	3732	3731	57	300	18.146	No	No	50	275	17.631	No	No
222	Calibration	105SB	B6114 Ringstone Edge Moor	SB	29-07-2013 to 06-08-2013	ATC	No	3731-3732	3731	3732	36	108	8.502	No	Yes	31	90	7.569	No	Yes
223	Calibration	106NB	Bradshaw Lane	NB	12-03-2013 to 21-03-2013	ATC	No	7104-1318	7104	1318	140	149	0.773	Yes	Yes	122	128	0.615	Yes	Yes
224	Calibration	106SB	Bradshaw Lane	SB	12-03-2013 to 21-03-2013	ATC	No	1318-7104	1318	7104	151	150	0.102	Yes	Yes	132	131	0.030	Yes	Yes
225	Calibration	107EB	Long Causeway	EB	22-07-2013 to 30-07-2013	ATC	No	3846-3845	3846	3845	28	29	0.111	Yes	Yes	25	25	0.057	Yes	Yes
226	Calibration	107WB	Long Causeway	WB	22-07-2013 to 30-07-2013	ATC	No	3845-3846	3845	3846	45	40	0.652	Yes	Yes	39	39	0.010	Yes	Yes
229	Calibration	109NB	Slip onto Burdock Way	NB	03-06-2013 to 12-06-2013	ATC	No	4422-1556	4422	1556	413	416	0.143	Yes	Yes	346	348	0.143	Yes	Yes
230	Calibration	110EB	Windy Bank Lane	EB	05-07-2013 to 15-07-2013	ATC	No	4008-1241	4008	1241	112	111	0.033	Yes	Yes	97	97	0.023	Yes	Yes
231	Calibration	110WB	Windy Bank Lane	WB	05-07-2013 to 15-07-2013	ATC	No	1241-4008	1241	4008	150	153	0.243	Yes	Yes	131	129	0.180	Yes	Yes
232	Calibration	111EB	Lee Bridge	EB	17-06-2014 to 25-06-2014	ATC	No	1632-1631	1632	1631	368	348	1.054	Yes	Yes	320	315	0.301	Yes	Yes
233	Calibration	111WB	Lee Bridge	WB	17-06-2014 to 25-06-2014	ATC	No	1631-1632	1631	1632	274	255	1.205	Yes	Yes	239	245	0.435	Yes	Yes
240	Calibration	115NB	Church Lane	NB	05-07-2013 to 15-07-2013	ATC	No	3362-1007	3362	1007	400	438	1.880	Yes	Yes	348	381	1.737	Yes	Yes
241	Calibration	115SB	Church Lane	SB	05-07-2013 to 15-07-2013	ATC	No	1007-3362	1007	3362	220	236	1.038	Yes	Yes	191	193	0.109	Yes	Yes
242	Calibration	116NB	B6138 Cragg Vale	NB	06-08-2014 to 15-08-2014	ATC	No	3647-3612	3647	3612	125	122	0.229	Yes	Yes	109	109	0.021	Yes	Yes
243	Calibration	116SB	B6138 Cragg Vale	SB	06-08-2014 to 15-08-2014	ATC	No	3612-3647	3612	3647	118	126	0.731	Yes	Yes	103	103	0.008	Yes	Yes
246	Calibration	118EB	Parkinson Lane	EB	02-06-2014 to 17-06-2014	ATC	No	1110-2340	1110	2340	220	253	2.122	Yes	Yes	191	224	2.238	Yes	Yes
247	Calibration	118WB	Parkinson Lane	WB	02-06-2014 to 17-06-2014	ATC	No	2340-1110	2340	1110	157	152	0.414	Yes	Yes	137	137	0.015	Yes	Yes
248	Calibration	119NB	Stanley Road	NB	17-04-2013 to 25-04-2013	ATC	No	2709-4319	2709	4319	79	78	0.086	Yes	Yes	69	69	0.025	Yes	Yes
249	Calibration	119SB	Stanley Road	SB	17-04-2013 to 25-04-2013	ATC	No	4319-2709	4319	2709	85	56	3.445	Yes	Yes	74	56	2.218	Yes	Yes
250	Calibration	120EB	B6113 Rochdale Road	EB	06-08-2014 to 14-08-2014	ATC	No	3524-3523	3524	3523	223	134	6.680	No	Yes	194	131	4.913	Yes	Yes
251	Calibration	120WB	B6113 Rochdale Road	WB	06-08-2014 to 14-08-2014	ATC	No	3523-3524	3523	3524	77	23	7.577	No	Yes	67	23	6.569	No	Yes
252	Calibration	121NB	Site 8 - Elland Bypass (2016 update)	NB	20-06-2013 to 05-07-2013	ATC/RSI	No	3277-1200	3277	1200	1140	1060	2.410	Yes	Yes	969	904	2.129	Yes	Yes
253	Calibration	121SB	Site 8 - Elland Bypass (2016 update)	SB	20-06-2013 to 05-07-2013	ATC/RSI														

261	Calibration	125WB	Hopwood Lane	WB	04-11-2013 to 13-11-2013	ATC	No	2336-1124	2336	1124	84	81	0.313	Yes	Yes	73	73	0.008	Yes	Yes
264	Calibration	127EB	High Street	EB	04-11-2013 to 13-11-2013	ATC	No	3891-3535	3891	3535	137	396	15.859	No	No	119	367	15.884	No	No
265	Calibration	127WB	High Street	WB	04-11-2013 to 13-11-2013	ATC	No	3535-3891	3535	3891	174	235	4.314	Yes	Yes	151	200	3.730	Yes	Yes
266	Calibration	128EB	Broad Carr Lane	EB	05-11-2013 to 13-11-2013	ATC	No	3504-3503	3504	3503	287	592	14.537	No	No	250	560	15.420	No	No
267	Calibration	128WB	Broad Carr Lane	WB	05-11-2013 to 13-11-2013	ATC	No	3503-3504	3503	3504	149	153	0.389	Yes	Yes	129	131	0.170	Yes	Yes
268	Calibration	129EB	Albert Road	EB	25-11-2013 to 03-12-2013	ATC	No	2303-1071	2303	1071	131	172	3.340	Yes	Yes	114	160	3.907	Yes	Yes
269	Calibration	129WB	Albert Road	WB	25-11-2013 to 03-12-2013	ATC	No	1071-2303	1071	2303	123	124	0.013	Yes	Yes	107	107	0.075	Yes	Yes
274	Calibration	132EB	Pellon New Road	EB	28-11-2013 to 06-12-2013	ATC	No	1121-2402	1121	2402	393	355	1.984	Yes	Yes	342	307	1.933	Yes	Yes
275	Calibration	132WB	Pellon New Road	WB	28-11-2013 to 06-12-2013	ATC	No	2402-1121	2402	1121	180	200	1.423	Yes	Yes	157	161	0.363	Yes	Yes
276	Calibration	133EB	Roils Head Road	EB	25-11-2013 to 03-12-2013	ATC	No	1133-2295	1133	2295	105	91	1.463	Yes	Yes	92	85	0.759	Yes	Yes
277	Calibration	133WB	Roils Head Road	WB	25-11-2013 to 03-12-2013	ATC	No	2295-1133	2295	1133	55	109	5.980	No	Yes	48	82	4.255	Yes	Yes
278	Calibration	134NB	Claremount Road	NB	07-11-2013 to 15-11-2013	ATC	No	2399-1203	2399	1203	219	216	0.218	Yes	Yes	190	191	0.066	Yes	Yes
279	Calibration	134SB	Claremount Road	SB	07-11-2013 to 15-11-2013	ATC	No	1203-2399	1203	2399	148	146	0.100	Yes	Yes	128	128	0.065	Yes	Yes
282	Calibration	136NB	Jepson Lane	NB	13-11-2013 to 22-11-2013	ATC	No	3371-4408	3371	4408	361	276	4.776	Yes	Yes	314	248	3.972	Yes	Yes
283	Calibration	136SB	Jepson Lane	SB	13-11-2013 to 22-11-2013	ATC	No	4408-3371	4408	3371	401	386	0.756	Yes	Yes	349	346	0.187	Yes	Yes
284	Calibration	137EB	Elland Lane	EB	14-11-2013 to 22-11-2013	ATC	No	3334-3335	3334	3335	369	376	0.363	Yes	Yes	321	328	0.347	Yes	Yes
285	Calibration	137WB	Elland Lane	WB	14-11-2013 to 22-11-2013	ATC	No	3335-3334	3335	3334	389	371	0.939	Yes	Yes	339	321	0.961	Yes	Yes
290	Calibration	140EB	A58 Kings Cross Road	EB	01-06-2014 to 30-06-2014	ATC	No	1431-2365	1431	2365	899	906	0.238	Yes	Yes	752	760	0.294	Yes	Yes
291	Calibration	140WB	A58 Kings Cross Road	WB	01-06-2014 to 30-06-2014	ATC	No	2365-1431	2365	1431	487	519	1.438	Yes	Yes	408	419	0.547	Yes	Yes
292	Calibration	141EB	A58 Rochdale Road	EB	08-01-2014 to 16-01-2014	ATC	No	3588-3587	3588	3587	235	236	0.040	Yes	Yes	197	197	0.003	Yes	Yes
293	Calibration	141WB	A58 Rochdale Road	WB	08-01-2014 to 16-01-2014	ATC	No	3587-3588	3587	3588	153	194	3.141	Yes	Yes	128	159	2.643	Yes	Yes
294	Calibration	142NB	A629 Skircoat Road	NB	01-06-2014 to 30-06-2014	ATC	No	2369-1013	2369	1013	778	818	1.448	Yes	Yes	651	698	1.816	Yes	Yes
295	Calibration	142SB	A629 Skircoat Road	SB	01-06-2014 to 30-06-2014	ATC	No	1013-2369	1013	2369	655	810	5.737	No	No	548	696	5.910	No	No
296	Calibration	143EB	A646 Market Street	EB	08-01-2014 to 16-01-2014	ATC	No	3635-3633	3635	3633	709	712	0.111	Yes	Yes	594	597	0.143	Yes	Yes
297	Calibration	143WB	A646 Market Street	WB	08-01-2014 to 16-01-2014	ATC	No	3633-3635	3633	3635	453	454	0.044	Yes	Yes	379	379	0.000	Yes	Yes
298	Calibration	144EB	A646 Burnley Road	EB	01-03-2014 to 10-03-2014	ATC	No	3614-3606	3614	3606	556	564	0.319	Yes	Yes	466	474	0.372	Yes	Yes
299	Calibration	144WB	A646 Burnley Road	WB	01-03-2014 to 10-03-2014	ATC	No	3606-3614	3606	3614	568	595	1.108	Yes	Yes	475	488	0.593	Yes	Yes
300	Calibration	145NB	B6113 Elland Road	NB	08-01-2014 to 16-01-2014	ATC	No	3729-3584	3729	3584	440	445	0.230	Yes	Yes	383	385	0.102	Yes	Yes
301	Calibration	145SB	B6113 Elland Road	SB	08-01-2014 to 16-01-2014	ATC	No	3584-3729	3584	3729	307	339	1.766	Yes	Yes	267	298	1.824	Yes	Yes
308	Calibration	149NB	Shay Syke	NB	01-06-2014 to 30-06-2014	ATC	No	2379-1016	2379	1016	654	551	4.175	Yes	No	569	523	1.932	Yes	Yes
309	Calibration	149SB	Shay Syke	SB	01-06-2014 to 30-06-2014	ATC	No	1016-2379	1016	2379	443	503	2.736	Yes	Yes	385	461	3.665	Yes	Yes
310	Calibration	150EB	Coal Pit Lane	EB	28-02-2014 to 10-03-2014	ATC	No	4096-4095	4096	4095	72	56	1.959	Yes	Yes	62	47	2.135	Yes	Yes
311	Calibration	150WB	Coal Pit Lane	WB	28-02-2014 to 10-03-2014	ATC	No	4095-4096	4095	4096	183	168	1.075	Yes	Yes	159	153	0.485	Yes	Yes
315	Calibration	153SB	Site 17 - Bradford Road	SB	Jun-14	ATC/RSI	No	3195-3944	3195	3944	571	549	0.931	Yes	Yes	478	454	1.116	Yes	Yes
322	Calibration	160NWB	Site 9 - New Road	NWB	Jun-14	ATC/RSI	No	3886-3888	3886	3888	107	123	1.514	Yes	Yes	97	110	1.259	Yes	Yes
330	Calibration	1675SWB	Site 18 - Wade House Road	SWB	Jun-14	ATC/RSI	No	4404-3235	4404	3235	668	824	5.727	No	No	547	675	5.190	No	No
331	Calibration	168NB	Site 19 - A644 Brighouse & Denholme Gate Road	NB	Jun-14	ATC/RSI	No	1452-1238	1452	1238	511	559	2.088	Yes	Yes	390	439	2.396	Yes	Yes
341	Calibration	171NB	Hammerstone Road	NB	Oct-14	MCC	No	3477-3489	3477	3489	227	215	0.817	Yes	Yes	204	197	0.462	Yes	Yes
342	Calibration	171SB	Hammerstone Road	SB	Oct-14	MCC	No	3489-3477	3489	3477	228	230	0.176	Yes	Yes	208	207	0.059	Yes	Yes
347	Calibration	171EB	Victoria Road	EB	Oct-14	MCC	No	3477-4036	3477	4036	490	480	0.442	Yes	Yes	442	440	0.104	Yes	Yes
348	Calibration	171WB	Victoria Road	WB	Oct-14	MCC	No	4036-3477	4036	3477	288	299	0.645	Yes	Yes	254	255	0.105	Yes	Yes
349	Calibration	172EB	Saddleworth Road (W)	EB	Oct-14	MCC	No	3509-3948	3509	3948	231	298	4.123	Yes	Yes	179	239	4.161	Yes	Yes
350	Calibration	172WB	Saddleworth Road (W)	WB	Oct-14	MCC	No	3948-3509	3948	3509	362	377	0.755	Yes	Yes	323	305	1.035	Yes	Yes
351	Calibration	172NB	Stainland Road (S)	NB	Oct-14	MCC	No	7002-3948	7002	3948	369	637	11.924	No	No	332	573	11.360	No	No
352	Calibration	172SB	Stainland Road (S)	SB	Oct-14	MCC	No	3948-7002	3948	7002	284	285	0.067	Yes	Yes	235	241	0.392	Yes	Yes
357	Calibration	173EB	Rochdale Road (W)	EB	Oct-14	MCC	No	3496-3947	3496	3947	154	391	14.407	No	No	123	355	15.046	No	No
358	Calibration	173WB	Rochdale Road (W)	WB	Oct-14	MCC	No	3947-3496	3947	3496	423	389	1.683	Yes	Yes	381	362	1.013	Yes	Yes
375	Calibration	175EB	Victoria Road (W)	EB	Oct-14	MCC	No	3373-3370	3373	3370	545	434	4.987	Yes	No	496	412	3.939	Yes	Yes
376	Calibration	175WB	Victoria Road (W)	WB	Oct-14	MCC	No	3370-3373	3370	3373	430	427	0.119	Yes	Yes	391	396	0.233	Yes	Yes
384	Calibration	177SB	Huddersfield Road (N)	SB	Oct-14	MCC	No	4207-4208	4207	4208	72	2	11.456	No	Yes	58	0	10.810	No	Yes
385	Calibration	177EB	Southgate	EB	Oct-14	MCC	No	4407-4208	4407	4208	436	449	0.609	Yes	Yes	399	402	0.124	Yes	Yes
386	Calibration	177WB	Southgate	WB	Oct-14	MCC	No	4208-4407	4208	4407	405	412	0.354	Yes	Yes	349	353	0.230	Yes	Yes
387	Calibration	177NB	Catherine Street	NB	Oct-14	MCC	No	3387-3913	3387	3913	75	73	0.211	Yes	Yes	59	61	0.252	Yes	Yes
388	Calibration	177SB	Catherine Street	SB	Oct-14	MCC	No	3913-3387	3913	3387	50	43	0.919	Yes	Yes	38	33	0.733	Yes	Yes
389	Calibration	177NB	Huddersfield Road (S)	NB	Oct-14	MCC	No	3376-3913	3376	3913	253	324	4.195	Yes	Yes	213	270	3.701	Yes	Yes
390	Calibration	177SB	Huddersfield Road (S)	SB	Oct-14	MCC	No	3913-3376	3913	3376	528	502	1.143	Yes	Yes	448	424	1.118	Yes	Yes
397	Calibration	178EB	Dewsbury Road	EB	Oct-14	MCC	No	3192-3191	3192	3191	455	514	2.688	Yes	Yes	397	443	2.214	Yes	Yes
398	Calibration	178WB	Dewsbury Road	WB	Oct-14	MCC	No	3191-3192	3191	3192	460	471	0.549	Yes	Yes	414	423	0.461	Yes	Yes
399	Calibration	179NB	Elland Riorges Link (N)	NB	Oct-14	MCC	No	3912-3330	3912	3330	487	474	0.601	Yes	Yes	431	418	0.641	Yes	Yes
400	Calibration	179SB	Elland Riorges Link (N)	SB	Oct-14	MCC	No	3330-3912	3330	3912	849	780	2.410	Yes	Yes	692	629	2.473	Yes	Yes
409	Calibration	180EB	Briggate	EB	Oct-14	MCC	No	3249-3250	3249	3250	429	492	2.926	Yes	Yes	364	427	3.151	Yes	Yes
410	Calibration	180WB	Briggate	WB	Oct-14	MCC	No	3250-3249	3250	3249	742	754	0.445	Yes	Yes	630	651	0.826	Yes	Yes
414	Calibration	181WB	Halifax Road	WB	Oct-14	MCC	No	3248-3281	3248	3281	265	225	2.577	Yes	Yes	212	196	1.121	Yes	Yes
415	Calibration	181NB	Elland Bridge	NB	Oct-14	MCC	No	3249-3248	3249	3248	733	771	1.407	Yes	Yes	634	667	1.305	Yes	Yes
416	Calibration	181SB	Elland Bridge	SB	Oct-14	MCC	No	3248-3249	3248	3249	483	503	0.874	Yes	Yes	406	424	0.894	Yes	Yes
419	Calibration	182NB	Exley Lane	NB	Oct-14	MCC	No	3247-3356	3247	3356	273	338	3.677	Yes	Yes	250	304	3.281	Yes	Yes
420	Calibration	182SB	Exley Lane	SB	Oct-14	MCC	No	3356-3247	3356	3247	388	406	0.900	Yes	Yes	322	339	0.939	Yes	Yes
423	Calibration	182NEB	Park Road (N)	NEB	Oct-14	MCC	No	3247-3246	3247	3246	596	607	0.453	Yes	Yes	500	512	0.511	Yes	Yes
424	Calibration	182SWB																		

429	Calibration	183NB	Jubilee Road	NB	Oct-14	MCC	No	1004-1464	1004	1464	161	89	6.425	No	Yes	139	75	6.140	No	Yes
430	Calibration	183SB	Jubilee Road	SB	Oct-14	MCC	No	1464-1004	1464	1004	251	192	3.924	Yes	Yes	220	181	2.732	Yes	Yes
431	Calibration	184EB	New Hey Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3882-9527	3882	9527	802	803	0.046	Yes	Yes	709	709	0.002	Yes	Yes
432	Calibration	184WB	New Hey Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9527-3882	9527	3882	722	643	3.017	Yes	Yes	635	558	3.171	Yes	Yes
433	Calibration	185EB	Lindley Moor Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3880-9510	3880	9510	742	616	4.855	Yes	No	662	546	4.704	Yes	No
434	Calibration	185WB	Lindley Moor Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9510-3880	9510	3880	431	433	0.075	Yes	Yes	368	374	0.284	Yes	Yes
435	Calibration	186NB	Halifax Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9507-9261	9507	9261	703	848	5.224	No	No	593	686	3.677	Yes	Yes
436	Calibration	186SB	Halifax Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9261-9507	9261	9507	917	898	0.644	Yes	Yes	744	751	0.265	Yes	Yes
437	Calibration	187EB	Grimescar Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3351-9640	3351	9640	389	258	7.322	No	No	340	225	6.809	No	No
438	Calibration	187WB	Grimescar Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9640-3351	9640	3351	170	371	12.244	No	No	149	355	13.017	No	No
441	Calibration	189EB	Bradley Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9628-9644	9628	9644	804	710	3.435	Yes	Yes	712	655	2.164	Yes	Yes
442	Calibration	189WB	Bradley Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9644-9628	9644	9628	857	364	19.986	No	No	781	340	18.638	No	No
455	Calibration	196NB	Leeds Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9564-9656	9564	9656	625	675	1.975	Yes	Yes	536	585	2.076	Yes	Yes
456	Calibration	196SB	Leeds Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9656-9564	9656	9564	377	350	1.399	Yes	Yes	309	288	1.265	Yes	Yes
457	Calibration	197NB	Dewsbury Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9572-9569	9572	9569	388	389	0.065	Yes	Yes	328	328	0.014	Yes	Yes
458	Calibration	197SB	Dewsbury Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9569-9572	9569	9572	452	426	1.262	Yes	Yes	396	369	1.378	Yes	Yes
459	Calibration	198EB	Church Lane	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9568-9654	9568	9654	419	390	1.469	Yes	Yes	383	350	1.735	Yes	Yes
460	Calibration	198WB	Church Lane	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9654-9568	9654	9568	299	318	1.036	Yes	Yes	252	273	1.313	Yes	Yes
465	Calibration	201EB	Halifax Road	EB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9553-9554	9553	9554	513	500	0.603	Yes	Yes	447	458	0.499	Yes	Yes
466	Calibration	201WB	Halifax Road	WB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9554-9553	9554	9553	365	379	0.747	Yes	Yes	307	325	1.005	Yes	Yes
467	Calibration	202NB	Bradford Road	NB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9561-9562	9561	9562	498	536	1.683	Yes	Yes	421	430	0.439	Yes	Yes
468	Calibration	202SB	Bradford Road	SB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9562-9561	9562	9561	516	568	2.221	Yes	Yes	447	486	1.815	Yes	Yes
471	Calibration	204NB	Oxford Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9564-9655	9564	9655	270	270	0.008	Yes	Yes	236	236	0.019	Yes	Yes
472	Calibration	204SB	Oxford Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9655-9564	9655	9564	279	299	1.190	Yes	Yes	241	260	1.199	Yes	Yes
475	Calibration	206NB	Halifax Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9514-9508	9514	9508	537	484	2.366	Yes	Yes	441	397	2.156	Yes	Yes
476	Calibration	206SB	Halifax Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9508-9514	9508	9514	799	574	8.623	No	No	670	494	7.316	No	No
477	Calibration	207NB	Birkby Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9646-9645	9646	9645	225	204	1.450	Yes	Yes	202	180	1.589	Yes	Yes
478	Calibration	207SB	Birkby Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9645-9646	9645	9646	289	277	0.760	Yes	Yes	266	255	0.710	Yes	Yes
481	Calibration	209NB	A641 Bradford Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9523-9524	9523	9524	914	1067	4.848	Yes	No	842	978	4.531	Yes	No
482	Calibration	209SB	Bradford Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9524-9523	9524	9523	1059	1175	3.488	Yes	Yes	974	1017	1.371	Yes	Yes
483	Calibration	210NB	Woodhouse Hill	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9627-9642	9627	9642	380	363	0.920	Yes	Yes	333	328	0.238	Yes	Yes
484	Calibration	210SB	Woodhouse Hill	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9642-9627	9642	9627	347	351	0.169	Yes	Yes	315	318	0.161	Yes	Yes
503	Calibration	220EB	Leeds Road	EB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9539-9545	9539	9545	780	785	0.178	Yes	Yes	609	615	0.237	Yes	Yes
504	Calibration	220WB	Leeds Road	WB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9545-9539	9545	9539	1206	1117	2.633	Yes	Yes	1013	931	2.634	Yes	Yes
505	Calibration	221NB	Peep Green Road	NB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9550-9551	9550	9551	135	80	5.283	No	Yes	115	61	5.825	No	Yes
506	Calibration	221SB	Peep Green Road	SB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9551-9550	9551	9550	110	88	2.149	Yes	Yes	93	73	2.261	Yes	Yes
509	Calibration	223NB	Gelderd Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9574-9662	9574	9662	970	941	0.925	Yes	Yes	840	840	0.023	Yes	Yes
510	Calibration	223SB	Gelderd Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9662-9574	9662	9574	530	480	2.226	Yes	Yes	414	392	1.093	Yes	Yes
511	Calibration	224NB	Bradford Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9569-9569	9569	9569	660	661	0.038	Yes	Yes	561	561	0.004	Yes	Yes
512	Calibration	224SB	Bradford Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9569-9569	9569	9569	623	596	1.099	Yes	Yes	537	510	1.199	Yes	Yes
515	Calibration	226NB	Wakefield Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	4273-4093	4273	4093	793	774	0.695	Yes	Yes	615	597	0.750	Yes	Yes
516	Calibration	226SB	Wakefield Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	4093-4273	4093	4273	383	484	4.857	Yes	No	275	364	4.975	Yes	Yes
521	Calibration	229NB	Southgate	NB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9519-9518	9519	9518	880	877	0.086	Yes	Yes	764	762	0.085	Yes	Yes
522	Calibration	229SB	Southgate	SB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9518-9519	9518	9519	1019	1227	6.213	No	No	872	1066	6.227	No	No
523	Calibration	230EB	Queensgate	EB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9520-9519	9520	9519	721	720	0.049	Yes	Yes	623	622	0.045	Yes	Yes
524	Calibration	230WB	Queensgate	WB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9519-9520	9519	9520	1112	913	6.244	No	No	946	750	6.754	No	No
525	Calibration	231NB	Castlegate	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9521-9262	9521	9262	1508	1488	0.508	Yes	Yes	1365	1366	0.035	Yes	Yes
526	Calibration	231SB	Castlegate	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9262-9521	9262	9521	1082	1015	2.070	Yes	Yes	917	881	1.198	Yes	Yes
527	Calibration	232NB	Huddersfield Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9573-9574	9573	9574	651	648	0.095	Yes	Yes	562	565	0.097	Yes	Yes
528	Calibration	232SB	Huddersfield Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9574-9573	9574	9573	539	505	1.489	Yes	Yes	438	416	1.051	Yes	Yes
529	Calibration	233NB	Leeds Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9560-9564	9560	9564	643	531	4.641	Yes	No	546	463	3.687	Yes	Yes
530	Calibration	233SB	Leeds Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9564-9560	9564	9560	617	411	9.055	No	No	507	353	7.410	No	No
533	Calibration	235EB	Whitehall Road	EB	12th March 2015 to 25th March 2015	ATC split by MCC	No	3469-3453	3469	3453	871	927	1.857	Yes	Yes	745	802	2.038	Yes	Yes
534	Calibration	235WB	Whitehall Road	WB	12th March 2015 to 25th March 2015	ATC split by MCC	No	3454-3469	3454	3469	568	591	0.952	Yes	Yes	411	458	2.256	Yes	Yes
539	Calibration	238EB	Kirlees RSI Site 1 New North Road	EB	Tuesday 21st April	ATC/RSI	No	9515-4261	9515	4261	648	537	4.552	Yes	No	539	467	3.201	Yes	Yes
540	Calibration	238WB	Kirlees RSI Site 1 New North Road	WB	Tuesday 21st April	ATC/RSI	No	4261-9515	4261	9515	475	357	5.786	No	No	400	321	4.157	Yes	Yes
545	Calibration	241SB	Kirlees RSI Site 3 Trinity Street	EB	Tuesday 21st April	ATC/RSI	No	9513-9262	9513	9262	883	884	0.035	Yes	Yes	791	801	0.347	Yes	Yes
546	Calibration	241NB	Kirlees RSI Site 3 Trinity Street	WB	Tuesday 21st April	ATC/RSI	No	9262-9513	9262	9513	600	622	0.879	Yes	Yes	509	531	0.967	Yes	Yes
547	Calibration	242SB	Kirlees RSI Site 4 Bradford Road	NB	Wednesday 22nd April	ATC/RSI	No	9544-9543	9544	9543	907	935	0.934	Yes	Yes	801	811	0.349	Yes	Yes
548	Calibration	242NB	Kirlees RSI Site 4 Bradford Road	SB	Wednesday 22nd April	ATC/RSI	No	9543-9544	9543	9544	931	786	4.968	Yes	No	833	703	4.715	Yes	No
549	Calibration	243WB	Kirlees RSI Site 5 Leeds Road	EB	Wednesday 22nd April	ATC/RSI	No	9641-9532	9641	9532	832	843	0.370	Yes	Yes	675	687	0.462	Yes	Yes
550	Calibration	243EB	Kirlees RSI Site 5 Leeds Road	WB	Wednesday 22nd April	ATC/RSI	No	9532-9641	9532	9641	730	740	0.346	Yes	Yes	568	568	0.017	Yes	Yes
562	Calibration	249WB	A58 New Bank	WB	Mar-16	CTC	No	1033-1515	1033	1515	1560	1567	0.183	Yes	Yes	1286	1296	0.270	Yes	Yes
563	Calibration	249EB	A58 New Bank	EB	Mar-16	CTC	No	1514-1033	1514	1033	1413	1417	1.06	Yes	Yes	1151	1148	0.081	Yes	Yes
568	Calibration	249NB	A58 West	NB	Mar-16	CTC	No	1528-1527	1528	1527	1393	1415	0.582	Yes	Yes	1139	1149	0.303	Yes	Yes
569	Calibration	249SB	A58 West	SB	Mar-16	CTC	No	1530-1529	1530	1529	1515	1604								

575	Calibration	250SB	Church Street	SB	Mar-16	CTC	No	1019-2398	1019	2398	709	646	2,416	Yes	Yes	651	614	1,473	Yes	Yes
578	Calibration	251SB	South Parade	SB	Mar-16	CTC	No	2770-1016	2770	1016	499	444	2,536	Yes	Yes	459	412	2,289	Yes	Yes
579	Calibration	251NB	South Parade	NB	Mar-16	CTC	No	1016-2770	1016	2770	602	582	0,806	Yes	Yes	549	544	0,221	Yes	Yes
584	Calibration	251EB	Hunger Hill	EB	Mar-16	CTC	No	7007-1016	7007	1016	138	139	0,091	Yes	Yes	122	124	0,137	Yes	Yes
585	Calibration	251WB	Hunger Hill	WB	Mar-16	CTC	No	1016-7007	1016	7007	384	259	6,982	No	No	365	235	7,562	No	No
588	Calibration	252WB	Prescott Street	WB	Mar-16	CTC	No	2377-1024	2377	1024	294	237	3,479	Yes	Yes	263	229	2,128	Yes	Yes
589	Calibration	252EB	Prescott Street	EB	Mar-16	CTC	No	1024-2377	1024	2377	154	121	2,889	Yes	Yes	140	119	1,865	Yes	Yes
594	Calibration	253SB	Cow Green	SB	Mar-16	CTC	No	7005-1027	7005	1027	998	1037	1,234	Yes	Yes	854	891	1,252	Yes	Yes
595	Calibration	253NB	Cow Green	NB	Mar-16	CTC	No	1027-7005	1027	7005	893	854	1,309	Yes	Yes	745	700	1,691	Yes	Yes
598	Calibration	253EB	Bull Green	EB	Mar-16	CTC	No	7009-1027	7009	1027	439	450	0,529	Yes	Yes	395	396	0,052	Yes	Yes
599	Calibration	253WB	Bull Green	WB	Mar-16	CTC	No	1027-7009	1027	7009	482	486	0,215	Yes	Yes	442	438	0,193	Yes	Yes
602	Calibration	254WB	Central Street	WB	Mar-16	CTC	No	1559-1028	1559	1028	24	24	0,037	Yes	Yes	21	21	0,044	Yes	Yes
603	Calibration	254EB	Central Street	EB	Mar-16	CTC	No	1028-1558	1028	1558	109	114	0,502	Yes	Yes	97	100	0,279	Yes	Yes
604	Calibration	254NB	Cow Green	NB	Mar-16	CTC	No	2258-1028	2258	1028	830	792	1,347	Yes	Yes	686	642	1,676	Yes	Yes
605	Calibration	254SB	Cow Green	SB	Mar-16	CTC	No	1028-2258	1028	2258	923	959	1,166	Yes	Yes	782	821	1,345	Yes	Yes
610	Calibration	255WB	A58 East	WB	Mar-16	CTC	No	1563-1561	1563	1561	467	494	1,207	Yes	Yes	364	392	1,409	Yes	Yes
612	Calibration	255WB	Pellon Lane East	WB	Mar-16	CTC	No	2725-1561	2725	1561	298	202	6,065	No	Yes	230	143	6,363	No	Yes
613	Calibration	255EB	Pellon Lane East	EB	Mar-16	CTC	No	1561-2725	1561	2725	322	238	5,013	No	Yes	269	201	4,404	Yes	Yes
614	Calibration	255NB	New Brunswick Street	NB	Mar-16	CTC	No	1565-1052	1565	1052	172	156	1,219	Yes	Yes	138	134	0,365	Yes	Yes
621	Calibration	256SB	Waterhouse Street	SB	Mar-16	CTC	No	1029-1557	1029	1557	264	246	1,083	Yes	Yes	230	230	0,010	Yes	Yes
622	Calibration	256EB	Broad Street	EB	Mar-16	CTC	No	1028-1029	1028	1029	639	599	1,608	Yes	Yes	538	508	1,333	Yes	Yes
623	Calibration	256WB	Broad Street	WB	Mar-16	CTC	No	1029-1028	1029	1028	884	857	0,934	Yes	Yes	755	743	0,438	Yes	Yes
646	Calibration	260WB	Shropps Road East	WB	Mar-16	CTC	No	1038-7003	1038	7003	347	323	1,333	Yes	Yes	296	293	0,178	Yes	Yes
647	Calibration	260EB	Shropps Road East	EB	Mar-16	CTC	No	7003-1038	7003	1038	326	191	8,375	No	No	274	184	5,924	No	Yes
680	Calibration	265EB	Kings Cross Road	EB	Mar-16	CTC	No	2373-1054	2373	1054	320	341	1,128	Yes	Yes	289	307	1,079	Yes	Yes
681	Calibration	265WB	Kings Cross Road	WB	Mar-16	CTC	No	1054-2373	1054	2373	192	189	0,235	Yes	Yes	171	171	0,023	Yes	Yes
682	Calibration	265SB	Hopwood Lane	SB	Mar-16	CTC	No	2374-1054	2374	1054	163	145	1,444	Yes	Yes	144	126	1,618	Yes	Yes
683	Calibration	265NB	Hopwood Lane	NB	Mar-16	CTC	No	1054-2374	1054	2374	192	183	0,609	Yes	Yes	179	168	0,796	Yes	Yes
692	Calibration	267WB	Swan Bank Lane	WB	Mar-16	CTC	No	1186-1017	1186	1017	203	162	3,057	Yes	Yes	181	139	3,277	Yes	Yes
693	Calibration	267EB	Swan Bank Lane	EB	Mar-16	CTC	No	1017-1186	1017	1186	203	197	0,431	Yes	Yes	178	173	0,338	Yes	Yes
732	Calibration	272EB	Site 1 - A58 Rochdale Road between Lower Brockwell Lane and Parkfield Drive	EB	12th March 2016 to 22nd March 2016	ATC	No	4312-3985	4312	3985	371	370	0,051	Yes	Yes	332	332	0,008	Yes	Yes
733	Calibration	272WB	Site 1 - A58 Rochdale Road between Lower Brockwell Lane and Parkfield Drive	WB	12th March 2016 to 22nd March 2016	ATC	No	3985-4312	3985	4312	369	377	0,409	Yes	Yes	306	306	0,004	Yes	Yes
734	Calibration	273EB	Site 2 - A646 Burnley Road between Woodroyd Gardens and The Meadows	EB	12th March 2016 to 22nd March 2016	ATC	No	1094-1095	1094	1095	572	592	0,842	Yes	Yes	498	485	0,561	Yes	Yes
735	Calibration	273WB	Site 2 - A646 Burnley Road between Woodroyd Gardens and The Meadows	WB	12th March 2016 to 22nd March 2016	ATC	No	1095-1094	1095	1094	838	541	11,297	No	No	613	445	7,270	No	No
736	Calibration	274EB	Site 4 - Shropps Road south east of Hebble Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	2401-1059	2401	1059	451	441	0,462	Yes	Yes	420	402	0,884	Yes	Yes
737	Calibration	274WB	Site 4 - Shropps Road south east of Hebble Lane	WB	12th March 2016 to 22nd March 2016	ATC	No	1059-2401	1059	2401	232	210	1,451	Yes	Yes	196	185	0,792	Yes	Yes
738	Calibration	275EB	Site 16 - A58 Whitehall Road between Grassmere Road and Westfield Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	3473-3482	3473	3482	710	634	2,919	Yes	Yes	595	528	2,815	Yes	Yes
739	Calibration	275WB	Site 16 - A58 Whitehall Road between Grassmere Road and Westfield Lane	WB	12th March 2016 to 22nd March 2016	ATC	No	3482-3473	3482	3473	553	507	2,020	Yes	Yes	426	393	1,637	Yes	Yes
740	Calibration	276NB	Tofts Grove between Lower Edge Road and Mayster Road	NB	12th March 2016 to 22nd March 2016	ATC	No	3348-3175	3348	3175	228	262	2,169	Yes	Yes	198	229	2,091	Yes	Yes
741	Calibration	276SB	Tofts Grove between Lower Edge Road and Mayster Road	SB	12th March 2016 to 22nd March 2016	ATC	No	3175-3348	3175	3348	289	281	0,442	Yes	Yes	251	246	0,293	Yes	Yes
742	Calibration	277NB	A641 Huddersfield Rd between Daisy Road and Armitage Avenue	NB	12th March 2016 to 22nd March 2016	ATC	No	3121-3118	3121	3118	537	620	3,472	Yes	Yes	449	534	3,842	Yes	Yes
743	Calibration	277SB	A641 Huddersfield Rd between Daisy Road and Armitage Avenue	SB	12th March 2016 to 22nd March 2016	ATC	No	3118-3121	3118	3121	717	686	1,177	Yes	Yes	601	557	1,810	Yes	Yes
744	Calibration	278NB	Bank Top between Common Lane and Marsh Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	1181-1183	1181	1183	601	645	1,771	Yes	Yes	523	587	2,714	Yes	Yes
745	Calibration	278SB	Bank Top between Common Lane and Marsh Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1183-1181	1183	1181	266	296	1,759	Yes	Yes	232	240	0,558	Yes	Yes
746	Calibration	279EB	A58 Rochdale Road west of Junction with A646	EB	12th March 2016 to 22nd March 2016	ATC	No	1368-1362	1368	1362	794	660	4,949	Yes	No	664	600	2,555	Yes	Yes
747	Calibration	279WB	A58 Rochdale Road west of Junction with A646	WB	12th March 2016 to 22nd March 2016	ATC	No	1362-1368	1362	1368	418	486	3,216	Yes	Yes	350	411	3,121	Yes	Yes
750	Calibration	280NB	A641 between New Works Road and B6379 Huddersfield Road	NB	12th March 2016 to 22nd March 2016	ATC	No	3901-3903	3901	3903	1037	939	3,101	Yes	Yes	868	828	1,388	Yes	Yes
751	Calibration	280SB	A641 between New Works Road and B6379 Huddersfield Road	SB	12th March 2016 to 22nd March 2016	ATC	No	3903-3901	3903	3901	770	608	6,177	No	No	645	531	4,680	Yes	No
754	Calibration	282NB	Thrumm Hall Lane between Gibbet Street and Hanson Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	2306-1107	2306	1107	176	190	1,028	Yes	Yes	153	167	1,142	Yes	Yes
755	Calibration	282SB	Thrumm Hall Lane between Gibbet Street and Hanson Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1107-2306	1107	2306	189	172	1,305	Yes	Yes	165	129	2,906	Yes	Yes
756	Calibration	283EB	Hanson Ln between Violet St and Bowman Grove	EB	12th March 2016 to 22nd March 2016	ATC	No	2323-2352	2323	2352	185	197	0,827	Yes	Yes	161	173	0,905	Yes	Yes
757	Calibration	283WB	Hanson Ln between Violet St and Bowman Grove	WB	12th March 2016 to 22nd March 2016	ATC	No	2352-2323	2352	2323	138	168	2,462	Yes	Yes	120	122	0,183	Yes	Yes
758	Calibration	284NB	Queens Rd between Gibbet Street and Hanson Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	2325-1070	2325	1070	234	216	1,199	Yes	Yes	204	187	1,175	Yes	Yes
759	Calibration	284SB	Queens Rd between Gibbet Street and Hanson Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1070-2325	1070	2325	267	287	1,201	Yes	Yes	232	270	2,370	Yes	Yes
760	Calibration	285NB	A629 Keighley Road between Club Lane and Brant Avenue	NB	12th March 2016 to 22nd March 2016	ATC	No	2413-2414	2413	2414	357	201	9,372	No	No	299	175	8,096	No	No
761	Calibration	285SB	A629 Keighley Road between Club Lane and Brant Avenue	SB	12th March 2016 to 22nd March 2016	ATC	No	2414-2413	2414	2413	569	391	8,106	No	No	476	351	6,127	No	No
762	Calibration	286NB	Cousin Lane between Moor Lane and Club Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	2411-2412	2411	2412	246	326	4,718	Yes	Yes	214	315	6,228	No	No
763	Calibration	286SB	Cousin Lane between Moor Lane and Club Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	2412-2411	2412	2411	330	220	6,603	No	No	287	207	5,103	No	Yes
764	Calibration	287NB	Shay Lane between Blackmires and Crossley Terrace North	NB	12th March 2016 to 22nd March 2016	ATC	No	7101-4305	7101	4305	369	313	3,076	Yes	Yes	321	238	5,006	No	Yes
765	Calibration	287SB	Shay Lane between Blackmires and Crossley Terrace North	SB	12th March 2016 to 22nd March 2016	ATC	No	4305-7101	4305	7101	556	567	0,482	Yes	Yes	484	461	1,025	Yes	Yes
768	Calibration	288NB	Crossland Road between Romsey Close and A643 Lindley Moor Road	NB	12th March 2016 to 22nd March 2016	ATC	No	9264-9266	9264	9266	165	236	5,035	No	Yes	143	220	5,679	No	Yes
769	Calibration	288SB	Crossland Road between Romsey Close and A643 Lindley Moor Road	SB	12th March 2016 to 22nd March 2016	ATC	No	9266-9264	9266	9264	147	201	4,083	Yes	Yes	128	181	4,307	Yes	Yes
770	Calibration	289NB	Lightcliffe Road near junction Huntock Place	NB	12th March 2016 to 22nd March 2016	ATC	No	3154-3170	3154	3170	488	478	0,439	Yes	Yes	424	415	0,465	Yes	Yes
771	Calibration	289SB	Lightcliffe Road near junction Huntock Place	SB	12th March 2016 to 22nd March 2016	ATC	No	3170-3154	3170	3154	506	492	0,611	Yes	Yes	440	427	0,617	Yes	Yes
772	Calibration	290NB	Warley Town Lane between Stock Lane and Winterburn Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	1116-1115	1116	1115	55	185	11,851	No	No	48	153	10,443	No	No
773	Calibration	290SB	Warley Town Lane between Stock Lane and Winterburn Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1115-1116	1115	1116	35	242	17,572	No	No	30	193	15,375	No	No
774	Calibration	290EB	Newlands Road between Warley Town Lane and Peter Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	1076-1140	1076	1140</										

779	Calibration	293WB	Site14 - Walton Lane between Jay House Lane and A649	WB	12th March 2016 to 22nd March 2016	ATC	No	3072-3071	3072	3071	321	407	4.506	Yes	Yes	275	356	4.571	Yes	Yes
780	Calibration	294NB	Site 5 - Ovenden Road between Ovenden Way and Shroggs Road	NB	12th March 2016 to 22nd March 2016	ATC	No	2400-1039	2400	1039	612	621	0.357	Yes	Yes	476	468	0.381	Yes	Yes
781	Calibration	294SB	Site 5 - Ovenden Road between Ovenden Way and Shroggs Road	SB	12th March 2016 to 22nd March 2016	ATC	No	1039-2400	1039	2400	1000	1061	1.914	Yes	Yes	852	872	0.869	Yes	Yes
796	Calibration	295NB	Charlestown Road	NB	May-15	MCC	No	1177-1178	1177	1178	353	361	0.398	Yes	Yes	318	325	0.389	Yes	Yes
797	Calibration	295SB	Charlestown Road	SB	May-15	MCC	No	1178-1177	1178	1177	500	458	1.958	Yes	Yes	459	423	1.709	Yes	Yes
802	Calibration	296SB	Cripplegate	NB	May-15	MCC	No	1023-1615	1023	1615	108	106	0.173	Yes	Yes	101	106	0.499	Yes	Yes
803	Calibration	296NB	Cripplegate	SB	May-15	MCC	No	1615-1023	1615	1023	7	22	3.934	Yes	Yes	6	22	4.243	Yes	Yes
806	Calibration	296EB	Bank Bottom	EB	May-15	MCC	No	1023-1177	1023	1177	279	301	1.306	Yes	Yes	250	254	0.257	Yes	Yes
807	Calibration	296WB	Bank Bottom	WB	May-15	MCC	No	1177-1023	1177	1023	711	704	0.250	Yes	Yes	659	658	0.015	Yes	Yes
816	Calibration	298NB	Smithy Street	NB	May-15	MCC	No	1021-1174	1021	1174	494	422	3.323	Yes	Yes	446	416	1.424	Yes	Yes
817	Calibration	298SB	Smithy Street	SB	May-15	MCC	No	1174-1021	1174	1021	272	259	0.777	Yes	Yes	247	241	0.406	Yes	Yes
822	Calibration	299NB	Charles Street	NB	May-15	MCC	No	1614-2720	1614	2720	450	408	2.051	Yes	Yes	414	400	0.700	Yes	Yes
823	Calibration	299SB	Charles Street	SB	May-15	MCC	No	2720-1614	2720	1614	281	262	1.165	Yes	Yes	252	243	0.590	Yes	Yes
826	Calibration	299EB	Alfred Street East	EB	May-15	MCC	No	1614-1621	1614	1621	205	211	0.420	Yes	Yes	189	193	0.270	Yes	Yes
827	Calibration	299WB	Alfred Street East	WB	May-15	MCC	No	1621-1614	1621	1614	422	436	0.679	Yes	Yes	391	411	1.027	Yes	Yes
828	Calibration	300NB	Union Street North	NB	May-15	MCC	No	1638-2751	1638	2751	124	219	7.261	No	Yes	93	175	7.076	No	Yes
840	Calibration	301WB	Prescott Street	WB	May-15	MCC	No	1018-2741	1018	2741	246	210	2.371	Yes	Yes	229	210	1.285	Yes	Yes
841	Calibration	301EB	Prescott Street	EB	May-15	MCC	No	2741-1018	2741	1018	53	35	2.695	Yes	Yes	51	33	2.862	Yes	Yes
868	Calibration	302NB	A629 Skircoat Road North	NB	May-15	MCC	No	1015-2376	1015	2376	692	633	2.321	Yes	Yes	598	536	2.610	Yes	Yes
869	Calibration	302SB	A629 Skircoat Road North	SB	May-15	MCC	No	2376-1015	2376	1015	640	630	0.386	Yes	Yes	517	520	0.101	Yes	Yes
878	Calibration	303WB	St Johns Lane	WB	May-15	MCC	No	1025-2375	1025	2375	37	43	1.076	Yes	Yes	26	37	1.955	Yes	Yes
879	Calibration	303EB	St Johns Lane	EB	May-15	MCC	No	2375-1025	2375	1025	43	49	0.978	Yes	Yes	35	43	1.302	Yes	Yes
885	Calibration	305SB	Commercial Street	SB	May-15	MCC	No	2752-1026	2752	1026	121	107	1.276	Yes	Yes	100	85	1.525	Yes	Yes
886	Calibration	305NB	Fountain Street	NB	May-15	MCC	No	1026-1497	1026	1497	641	607	1.364	Yes	Yes	543	488	2.441	Yes	Yes
887	Calibration	305SB	Fountain Street	SB	May-15	MCC	No	1497-1026	1497	1026	740	905	5.775	No	No	596	767	6.525	No	No
888	Calibration	305WB	Trinity Road	WB	May-15	MCC	No	1496-1493	1496	1493	34	99	7.993	No	Yes	33	87	7.071	No	Yes
890	Calibration	305SB	Portland Place	SB	May-15	MCC	No	1496-1025	1496	1025	610	677	2.645	Yes	Yes	482	560	3.447	Yes	Yes
891	Calibration	305NB	Portland Place	NB	May-15	MCC	No	1025-1496	1025	1496	668	600	2.687	Yes	Yes	568	491	3.341	Yes	Yes
892	Calibration	305EB	Horton Street	EB	May-15	MCC	No	1026-2753	1026	2753	243	229	0.960	Yes	Yes	207	207	0.005	Yes	Yes
900	Calibration	306NB	Northgate North	NB	May-15	MCC	No	1030-2777	1030	2777	435	347	4.435	Yes	Yes	385	335	2.604	Yes	Yes
901	Calibration	306SB	Northgate North	SB	May-15	MCC	No	2777-1030	2777	1030	425	402	1.125	Yes	Yes	371	367	0.221	Yes	Yes
902	Calibration	306SB	Northgate South	SB	May-15	MCC	No	1030-2764	1030	2764	254	217	2.415	Yes	Yes	214	216	0.180	Yes	Yes
903	Calibration	306NB	Northgate South	NB	May-15	MCC	No	2764-1030	2764	1030	288	255	1.974	Yes	Yes	245	249	0.247	Yes	Yes
906	Calibration	307NB	North Bridge	NB	May-15	MCC	No	1176-1521	1176	1521	203	193	0.695	Yes	Yes	167	163	0.323	Yes	Yes
907	Calibration	307SB	North Bridge	SB	May-15	MCC	No	1521-1176	1521	1176	428	425	0.165	Yes	Yes	385	390	0.257	Yes	Yes
908	Calibration	307WB	Cross Hills	WB	May-15	MCC	No	1176-1626	1176	1626	405	387	0.887	Yes	Yes	371	376	0.289	Yes	Yes
909	Calibration	307EB	Cross Hills	EB	May-15	MCC	No	1626-1176	1626	1176	301	304	0.205	Yes	Yes	274	271	0.184	Yes	Yes
924	Calibration	308WB	Leeds Rd	WB	Nov-13	MCC	No	4430-3934	4430	3934	696	675	0.800	Yes	Yes	544	536	0.315	Yes	Yes
925	Calibration	308EB	Leeds Rd	EB	Nov-13	MCC	No	3934-4430	3934	4430	811	750	2.156	Yes	Yes	680	623	2.237	Yes	Yes

IP calibration										ALL VEHICLES										Cars				
ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?			
1	Calibration		1NB	Crowtress Lane	NB	Jul-13	MCC	No	3176-3175	3176	3175	216	218	0.116	Yes	Yes	184	184	0.033	Yes	Yes			
2	Calibration		1SB	Crowtrees Lane	SB	Jul-13	MCC	No	3175-3176	3175	3176	230	233	0.228	Yes	Yes	194	191	0.233	Yes	Yes			
5	Calibration		3EB	Freeschool Lane	EB	02/04/2014 - 16/04/2014	ATC	No	2631-1012	2631	1012	219	232	0.862	Yes	Yes	184	197	0.962	Yes	Yes			
6	Calibration		3WB	Freeschool Lane	WB	02/04/2014 - 16/04/2014	ATC	No	1012-2631	1012	2631	238	254	1.015	Yes	Yes	200	221	1.399	Yes	Yes			
7	Calibration		4EB	Skircoat Moor Road	EB	02/04/2014 - 16/04/2014	ATC	No	1390-1009	1390	1009	439	421	0.838	Yes	Yes	355	340	0.795	Yes	Yes			
8	Calibration		4WB	Skircoat Moor Road	WB	02/04/2014 - 16/04/2014	ATC	No	1009-1390	1009	1390	329	320	0.524	Yes	Yes	266	264	0.142	Yes	Yes			
9	Calibration		5NB	Skircoat Green Road	NB	02/04/2014 - 16/04/2014	ATC	No	1481-1398	1481	1398	159	154	0.412	Yes	Yes	133	139	0.441	Yes	Yes			
10	Calibration		5SB	Skircoat Green Road	SB	02/04/2014 - 16/04/2014	ATC	No	1398-1481	1398	1481	150	150	0.017	Yes	Yes	126	129	0.206	Yes	Yes			
11	Calibration		6EB	A6026 Wakefield Road	EB	02/04/2014 - 16/04/2014	ATC	No	2266-1002	2266	1002	393	429	1.777	Yes	Yes	318	337	1.040	Yes	Yes			
12	Calibration		6WB	A6026 Wakefield Road	WB	02/04/2014 - 16/04/2014	ATC	No	1002-2266	1002	2266	401	388	0.621	Yes	Yes	324	312	0.664	Yes	Yes			
21	Calibration		9SB	A629 Skircoat Road/Free School Lane Junction	SB	Apr-14	MCC	No	2381-1014	2381	1014	453	449	0.147	Yes	Yes	360	345	0.787	Yes	Yes			
22	Calibration		9NB	A629 Skircoat Road/Free School Lane Junction	NB	Apr-14	MCC	No	1014-2381	1014	2381	494	514	0.868	Yes	Yes	398	417	0.978	Yes	Yes			
23	Calibration		9WB	A629 Skircoat Road/Free School Lane Junction	WB	Apr-14	MCC	No	1485-1014	1485	1014	179	168	0.892	Yes	Yes	163	142	1.715	Yes	Yes			
24	Calibration		9EB	A629 Skircoat Road/Free School Lane Junction	EB	Apr-14	MCC	No	1014-1485	1014	1485	134	102	2.956	Yes	Yes	121	91	2.968	Yes	Yes			
25	Calibration		9NB	A629 Skircoat Road/Free School Lane Junction	NB	Apr-14	MCC	No	1484-1014	1484	1014	487	498	0.491	Yes	Yes	411	404	0.345	Yes	Yes			
26	Calibration		9SB	A629 Skircoat Road/Free School Lane Junction	SB	Apr-14	MCC	No	1014-1484	1014	1484	472	427	2.104	Yes	Yes	378	334	2.339	Yes	Yes			
31	Calibration		10SWB	A629 Skircoat Road/Huddersfield Road Junction	SWB	Apr-14	MCC	No	1485-1484	1485	1484	303	312	0.504	Yes	Yes	276	284	0.477	Yes	Yes			
32	Calibration		10NEB	A629 Skircoat Road/Huddersfield Road Junction	NEB	Apr-14	MCC	No	1484-1485	1484	1485	307	290	0.968	Yes	Yes	279	266	0.812	Yes	Yes			
37	Calibration		11NB	A629 Huddersfield Road/Skircoat Green Road Junction	NB	Apr-14	MCC	No	2630-1011	2630	1011	767	687	2.983	Yes	Yes	646	575	2.894	Yes	Yes			
38	Calibration		11SB	A629 Huddersfield Road/Skircoat Green Road Junction	SB	Apr-14	MCC	No	1011-2630	1011	2630	776	740	1.318	Yes	Yes	654	617	1.453	Yes	Yes			
51	Calibration		14SB	A629 Huddersfield Road/A646 Dry Clough Lane	SB	Apr-14	MCC	No	2386-1008	2386	1008	752	741	0.377	Yes	Yes	629	618	0.455	Yes	Yes			
52	Calibration		14NB	A629 Huddersfield Road/A646 Dry Clough Lane	NB	Apr-14	MCC	No	1008-2386	1008	2386	783	742	1.500	Yes	Yes	657	627	1.174	Yes	Yes			
57	Calibration		15SB	A629 Huddersfield Road/Dudwell Lane	SB	Apr-14	MCC	No	2390-1483	2390	1483	1022	1008	0.441	Yes	Yes	853	835	0.624	Yes	Yes			
58	Calibration		15NB	A629 Huddersfield Road/Dudwell Lane	NB	Apr-14	MCC	No	1483-2390	1483	2390	982	961	0.695	Yes	Yes	825	901	0.816	Yes	Yes			
59	Calibration		15SB	A629 Huddersfield Road/Dudwell Lane	SB	Apr-14	MCC	No	2391-1483	2391	1483	1033	999	1.084	Yes	Yes	868	834	1.166	Yes	Yes			
60	Calibration		15NB	A629 Huddersfield Road/Dudwell Lane	NB	Apr-14	MCC	No	1483-2391	1483	2391	1087	1035	1.598	Yes	Yes	911	863	1.606	Yes	Yes			
61	Calibration		15EB	A629 Huddersfield Road/Dudwell Lane	EB	Apr-14	MCC	No	1477-1483	1477	1483	185	113	5.904	No	Yes	166	111	4.688	Yes	Yes			
62	Calibration		15WB	A629 Huddersfield Road/Dudwell Lane	WB	Apr-14	MCC	No	1483-1477	1483	1477	170	123	3.881	Yes	Yes	151	115	3.164	Yes	Yes			
63	Calibration		16WB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	WB	Apr-14	MCC	No	1008-2387	1008	2387	323	326	0.149	Yes	Yes	279	275	0.210	Yes	Yes			
64	Calibration		16EB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	EB	Apr-14	MCC	No	2387-1008	2387	1008	384	374	0.508	Yes	Yes	330	319	0.630	Yes	Yes			
71	Calibration		17WB	A646 Dry Clough Lane/Skircoat Green Road	WB	Apr-14	MCC	No	2385-1009	2385	1009	305	304	0.026	Yes	Yes	259	259	0.004	Yes	Yes			
72	Calibration		17EB	A646 Dry Clough Lane/Skircoat Green Road	EB	Apr-14	MCC	No	1009-2385	1009	2385	364	346	0.912	Yes	Yes	311	301	0.607	Yes	Yes			
73	Calibration		17NB	A646 Dry Clough Lane/Skircoat Green Road	NB	Apr-14	MCC	No	1396-1009	1396	1009	285	288	0.187	Yes	Yes	261	266	0.287	Yes	Yes			
74	Calibration		17SB	A646 Dry Clough Lane/Skircoat Green Road	SB	Apr-14	MCC	No	1009-1396	1009	1396	316	306	0.603	Yes	Yes	290	281	0.505	Yes	Yes			
81	Calibration		19SB	Skircoat Green Road/Heath Road	SB	Apr-14	MCC	No	1401-1010	1401	1010	167	136	2.521	Yes	Yes	150	119	2.661	Yes	Yes			
82	Calibration		19NB	Skircoat Green Road/Heath Road	NB	Apr-14	MCC	No	1010-1401	1010	1401	164	100	5.502	No	Yes	149	80	3.427	No	Yes			
83	Calibration		19SB	Skircoat Green Road/Heath Road	SB	Apr-14	MCC	No	1399-1010	1399	1010	10	59	8.232	No	Yes	10	57	8.157	No	Yes			
84	Calibration		19NB	Skircoat Green Road/Heath Road	NB	Apr-14	MCC	No	1010-1399	1010	1399	54	107	5.931	No	Yes	49	98	5.716	No	Yes			
87	Calibration		20SB	Heath Road/Free School Lane	SB	Apr-14	MCC	No	2382-1012	2382	1012	155	165	0.855	Yes	Yes	138	148	0.892	Yes	Yes			
88	Calibration		20NB	Heath Road/Free School Lane	NB	Apr-14	MCC	No	1012-2382	1012	2382	174	101	6.200	No	Yes	158	77	7.488	No	Yes			
98	Calibration		24NB	M62 approaching Clough Lane	NB	Jun-14	TRADS	No	3406-3408	3406	3408	3520	3503	0.284	Yes	Yes	2565	2549	0.303	Yes	Yes			
99	Calibration		25SB	M62 after Clough Lane	SB	Jun-14	TRADS	No	3409-3407	3409	3407	3616	3605	0.179	Yes	Yes	2664	2650	0.273	Yes	Yes			
110	Calibration		33SB	A629 Calderdale Way	SB	Jun-14	ANPR	No	3265-3266	3265	3266	281	224	3.546	Yes	Yes	233	192	2.828	Yes	Yes			
111	Calibration		33NB	A629 Calderdale Way	NB	Jun-14	ANPR	No	3257-3264	3257	3264	180	170	0.748	Yes	Yes	151	141	0.843	Yes	Yes			
112	Calibration		34SWB	Lowfields Way	SWB	Jun-14	ANPR	No	3923-3331	3923	3331	188	187	0.040	Yes	Yes	124	124	0.013	Yes	Yes			
113	Calibration		34NEB	Lowfields Way	NEB	Jun-14	ANPR	No	3331-3923	3331	3923	194	198	0.293	Yes	Yes	120	124	0.322	Yes	Yes			
122	Calibration		39EB	B6113 Saddleworth Road	EB	Jun-14	ATC	No	3517-3527	3517	3527	154	140	1.139	Yes	Yes	134	108	2.332	Yes	Yes			
123	Calibration		39WB	B6113 Saddleworth Road	WB	Jun-14	ATC	No	3527-3517	3527	3517	162	153	0.753	Yes	Yes	143	121	1.959	Yes	Yes			
124	Calibration		40NB	A629 Huddersfield Road	NB	Jun-14	ATC	No	3300-3296	3300	3296	883	1022	4.505	Yes	No	733	784	1.844	Yes	Yes			
125	Calibration		41SB	Calderdale Way at bus stop	SB	Jun-14	ATC	No	3286-3292	3286	3292	753	802	1.774	Yes	Yes	632	603	1.174	Yes	Yes			
127	Calibration		43NB	Site 17 - Bradford Road	NB	Jun-14	ATC/RSI	No	3944-3195	3944	3195	457	445	0.550	Yes	Yes	375	364	0.582	Yes	Yes			
134	Calibration		50SEB	Site 9 - New Road	SEB	Jun-14	ATC/RSI	No	3888-3886	3888	3886	87	89	0.170	Yes	Yes	72	72	0.022	Yes	Yes			
142	Calibration		57NEB	Site 18 - Wade House Road	NEB	Jun-14	ATC/RSI	No	3235-4404	3235	4404	596	606	0.427	Yes	Yes	478	509	1.408	Yes	Yes			
143	Calibration		58SB	Site 19 - A644 Brighouse & Denholme Gate Road	SB	Jun-14	ATC/RSI	No	1238-1452	1238	1452	421	458	1.784	Yes	Yes	317	363	2.509	Yes	Yes			
145	Calibration		59NB	Site 3 - Moor End Road (2016 update)	NB	28-11-2013 to 06-12-2013	ATC/RSI	No	1046-2317	1046	2317	140	103	3.322	Yes	Yes	115	79	3.644	Yes	Yes			
146	Calibration		59SB	Site 3 - Moor End Road (2016 update)	SB	28-11-2013 to 06-12-2013	ATC/RSI	No	2317-1046	2317	1046	134	83	4.873	Yes	Yes	111	63	5.092	No	Yes			
147	Calibration		60NB	A58 Kings Cross Road	NB	12-06-2013 to 20-06-2013	ATC	No	1584-1594	1584	1594	794	791	0.107	Yes	Yes	643	643	0.015	Yes	Yes			
148	Calibration		60SB	A58 Kings Cross Road	SB	12-06-2013 to 20-06-2013	ATC	No	1594-1584	1594	1584	803	803	0.023	Yes	Yes	650	655	0.198	Yes	Yes			
149	Calibration		61NEB	A58 Calder Bridge	NEB	20-06-2013 to 01-07-2013	ATC	No	1113-2275	1113	2275	656	591	2.620	Yes	Yes	531	505	1.155	Yes	Yes			
150	Calibration		61SWB	A58 Calder Bridge	SWB	20-06-2013 to 01-07-2013	ATC	No	2275-1113	2275	1113	683	679	0.145	Yes	Yes	552	575	0.937	Yes	Yes			
153	Calibration		63EB	A58 West of Hipperholme	EB	10-07-2013 to 26-07-2013	ATC	No	1168-4238	1168	4238	624	434	8.251	No	No	505	417	4.117	Yes	Yes			
154	Calibration		63WB	A58 West of Hipperholme	WB	10-07-2013 to 26-07-2013	ATC	No	4238-1168	4238	1168	572	436	6.071	No	No	463	431	1.515	Yes	Yes			
155	Calibration		64EB	A6025 Park Road	EB	05-07-2013 to 15-07-2013	ATC	No	3244-3243	3244	3243	412	402	0.494	Yes	Yes	333	331	0.098	Yes	Yes			
156	Calibration		65WB	A6025 Park Road	WB	05-07-2013 to 15-07-2013	ATC	No	3243-3244	3243	3244	407	396	0.560	Yes	Yes	329	330	0.036	Yes	Yes			
159	Calibration		68EB	A6026 Wakefield Road	EB	20-06-2013 to 01-07-2013	ATC	No	1355-1354	1355	1354	317	351	1.										

162	Calibration	71SB	A6033 South of Todmorden	SB	22-07-2013 to 30-07-2013	ATC	No	4927-4251	4927	4251	260	247	0.804	Yes	Yes	211	197	0.921	Yes	Yes
163	Calibration	72NB	A6033 Keighley Road Peckett Well	NB	07-02-2013 to 18-02-2013	ATC	No	3753-3754	3753	3754	104	105	0.037	Yes	Yes	84	85	0.032	Yes	Yes
164	Calibration	73SB	A6033 Keighley Road Peckett Well	SB	07-02-2013 to 18-02-2013	ATC	No	3754-3753	3754	3753	98	98	0.008	Yes	Yes	79	79	0.027	Yes	Yes
165	Calibration	74NB	A6036 North of Northowram	NB	10-07-2013 to 18-07-2013	ATC	No	1167-1234	1167	1234	411	391	0.995	Yes	Yes	333	333	0.003	Yes	Yes
166	Calibration	75SB	A6036 North of Northowram	SB	10-07-2013 to 18-07-2013	ATC	No	1234-1167	1234	1167	381	369	0.634	Yes	Yes	308	308	0.022	Yes	Yes
167	Calibration	76EB	Site 11 - A6107 Clough Lane (2016 update)	EB	15-07-2013 to 23-07-2013	ATC/RSI	No	3137-3135	3137	3135	459	391	3.297	Yes	Yes	395	354	2.105	Yes	Yes
168	Calibration	77WB	Site 11 - A6107 Clough Lane (2016 update)	WB	15-07-2013 to 23-07-2013	ATC/RSI	No	3135-3137	3135	3137	468	386	3.945	Yes	Yes	402	348	2.789	Yes	Yes
169	Calibration	78NB	A6139 Tuel Lane	NB	20-06-2013 to 01-07-2013	ATC	No	1356-1112	1356	1112	333	333	0.026	Yes	Yes	269	266	0.229	Yes	Yes
170	Calibration	79SB	A6139 Tuel Lane	SB	20-06-2013 to 01-07-2013	ATC	No	1112-1356	1112	1356	367	373	0.319	Yes	Yes	297	301	0.240	Yes	Yes
171	Calibration	80NB	A629 Halifax Causeway Foot	NB	11-04-2013 to 22-04-2013	ATC	No	4016-1247	4016	1247	272	272	0.027	Yes	Yes	220	220	0.020	Yes	Yes
172	Calibration	80SB	A629 Halifax Causeway Foot	SB	11-04-2013 to 22-04-2013	ATC	No	1247-4016	1247	4016	279	279	0.030	Yes	Yes	226	226	0.014	Yes	Yes
175	Calibration	82NB	Site 12 - A641 South of Brighouse (2016 update)	NB	02-07-2014 to 21-07-2014	ATC/RSI	No	3133-3132	3133	3132	528	562	1.495	Yes	Yes	441	478	1.729	Yes	Yes
176	Calibration	82SB	Site 12 - A641 South of Brighouse (2016 update)	SB	02-07-2014 to 21-07-2014	ATC/RSI	No	3132-3133	3132	3133	531	664	5.453	No	No	448	560	5.011	No	No
181	Calibration	85NB	Site 10 - A643 South of Rastrick (2016 update)	NB	08-07-2013 to 16-07-2013	ATC/RSI	No	3173-4291	3173	4291	323	291	1.812	Yes	Yes	277	254	1.399	Yes	Yes
182	Calibration	85SB	Site 10 - A643 South of Rastrick (2016 update)	SB	08-07-2013 to 16-07-2013	ATC/RSI	No	4291-3173	4291	3173	346	329	0.927	Yes	Yes	300	284	0.906	Yes	Yes
183	Calibration	86NB	A643 Cleckheaton Road	NB	05-07-2013 to 15-07-2013	ATC	No	3068-3070	3068	3070	231	209	1.497	Yes	Yes	187	175	0.848	Yes	Yes
184	Calibration	86SB	A643 Cleckheaton Road	SB	05-07-2013 to 15-07-2013	ATC	No	3070-3068	3070	3068	213	204	0.599	Yes	Yes	172	164	0.654	Yes	Yes
187	Calibration	88EB	A644 Commercial Street	EB	02-07-2014 to 11-07-2014	ATC	No	3042-3942	3042	3942	772	759	0.491	Yes	Yes	625	630	0.211	Yes	Yes
188	Calibration	88WB	A644 Commercial Street	WB	02-07-2014 to 11-07-2014	ATC	No	3942-3042	3942	3042	688	703	0.583	Yes	Yes	557	572	0.636	Yes	Yes
189	Calibration	89NB	A644 North of Brighouse	NB	05-07-2013 to 15-07-2013	ATC	No	3169-3205	3169	3205	381	370	0.557	Yes	Yes	308	300	0.465	Yes	Yes
190	Calibration	89SB	A644 North of Brighouse	SB	05-07-2013 to 15-07-2013	ATC	No	3205-3169	3205	3169	394	401	0.361	Yes	Yes	319	320	0.066	Yes	Yes
193	Calibration	91WB	Site 13 - A644 Wakefield Road (2016 update)	WB	08-07-2013 to 16-07-2013	ATC/RSI	No	3097-3095	3097	3095	420	358	3.164	Yes	Yes	299	279	1.183	Yes	Yes
194	Calibration	91EB	Site 13 - A644 Wakefield Road (2016 update)	EB	08-07-2013 to 16-07-2013	ATC/RSI	No	3095-3097	3095	3097	513	427	3.973	Yes	Yes	350	329	1.103	Yes	Yes
195	Calibration	92NB	A646 West of Todmorden	NB	06-08-2014 to 15-08-2014	ATC	No	3684-3687	3684	3687	186	186	0.016	Yes	Yes	150	151	0.052	Yes	Yes
196	Calibration	92SB	A646 West of Todmorden	SB	06-08-2014 to 15-08-2014	ATC	No	3687-3684	3687	3684	171	171	0.018	Yes	Yes	138	138	0.011	Yes	Yes
197	Calibration	93NB	Skircoat Moor Road	NB	12-06-2013 to 20-06-2013	ATC	No	2294-1064	2294	1064	432	430	0.105	Yes	Yes	350	348	0.103	Yes	Yes
198	Calibration	93SB	Skircoat Moor Road	SB	12-06-2013 to 20-06-2013	ATC	No	1064-2294	1064	2294	511	506	0.227	Yes	Yes	414	408	0.272	Yes	Yes
199	Calibration	94EB	A646 Burnley Road	EB	12-06-2013 to 20-06-2013	ATC	No	1428-1080	1428	1080	456	439	0.799	Yes	Yes	369	361	0.421	Yes	Yes
200	Calibration	94WB	A646 Burnley Road	WB	12-06-2013 to 20-06-2013	ATC	No	1080-1428	1080	1428	421	356	3.312	Yes	Yes	341	289	2.907	Yes	Yes
201	Calibration	95EB	A646 Halifax Road	EB	01-02-2013 to 07-02-2013	ATC	No	3662-3659	3662	3659	358	366	0.433	Yes	Yes	290	292	0.159	Yes	Yes
202	Calibration	95WB	A646 Halifax Road	WB	01-02-2013 to 07-02-2013	ATC	No	3659-3662	3659	3662	351	356	0.274	Yes	Yes	284	285	0.052	Yes	Yes
207	Calibration	98NB	A647 Halifax Road	NB	27-06-2013 to 05-07-2013	ATC	No	1036-1243	1036	1243	243	190	3.568	Yes	Yes	197	152	3.398	Yes	Yes
208	Calibration	98SB	A647 Halifax Road	SB	27-06-2013 to 05-07-2013	ATC	No	1243-1036	1243	1036	258	209	3.259	Yes	Yes	209	176	2.393	Yes	Yes
209	Calibration	99EB	A649 Lightcliffe	EB	15-07-2013 to 23-07-2013	ATC	No	3218-3221	3218	3221	247	261	0.873	Yes	Yes	200	213	0.899	Yes	Yes
210	Calibration	99WB	A649 Lightcliffe	WB	15-07-2013 to 23-07-2013	ATC	No	3221-3218	3221	3218	240	247	0.414	Yes	Yes	195	200	0.386	Yes	Yes
211	Calibration	100EB	Site 15 - A649 Hartshead Moor Top / Birkby Lane (2016 update)	EB	15-07-2013 to 23-07-2013	ATC/RSI	No	3082-3073	3082	3073	165	271	7.147	No	No	135	228	5.927	No	Yes
212	Calibration	100WB	Site 15 - A649 Hartshead Moor Top / Birkby Lane (2016 update)	WB	15-07-2013 to 23-07-2013	ATC/RSI	No	3073-3082	3073	3082	171	248	5.264	No	Yes	133	201	5.241	No	Yes
213	Calibration	101EB	A672 SW of Ripponden	EB	26-07-2013 to 05-08-2013	ATC	No	3573-3574	3573	3574	143	144	0.133	Yes	Yes	115	115	0.036	Yes	Yes
214	Calibration	101WB	A672 SW of Ripponden	WB	26-07-2013 to 05-08-2013	ATC	No	3574-3573	3574	3573	138	136	0.132	Yes	Yes	111	111	0.045	Yes	Yes
215	Calibration	102NB	Site 7 - Stainland Road (2016 update)	NB	19-06-2013 to 27-06-2013	ATC/RSI	No	3495-1667	3495	1667	481	467	0.623	Yes	Yes	400	408	0.394	Yes	Yes
216	Calibration	102SB	Site 7 - Stainland Road (2016 update)	SB	19-06-2013 to 27-06-2013	ATC/RSI	No	1667-3495	1667	3495	460	451	0.430	Yes	Yes	383	382	0.071	Yes	Yes
221	Calibration	105NB	B6114 Ringstone Edge Moor	NB	29-07-2013 to 06-08-2013	ATC	No	3732-3731	3732	3731	38	101	7.635	No	Yes	32	77	5.144	No	Yes
222	Calibration	105SB	B6114 Ringstone Edge Moor	SB	29-07-2013 to 06-08-2013	ATC	No	3731-3732	3731	3732	34	96	7.654	No	Yes	29	74	5.270	No	Yes
223	Calibration	106NB	Bradshaw Lane	NB	12-03-2013 to 21-03-2013	ATC	No	7104-1318	7104	1318	88	88	0.009	Yes	Yes	74	74	0.015	Yes	Yes
224	Calibration	106SB	Bradshaw Lane	SB	12-03-2013 to 21-03-2013	ATC	No	1318-7104	1318	7104	96	91	0.471	Yes	Yes	80	76	0.459	Yes	Yes
225	Calibration	107EB	Long Causeway	EB	22-07-2013 to 30-07-2013	ATC	No	3846-3845	3846	3845	29	28	0.120	Yes	Yes	24	24	0.098	Yes	Yes
226	Calibration	107WB	Long Causeway	WB	22-07-2013 to 30-07-2013	ATC	No	3845-3846	3845	3846	27	29	0.330	Yes	Yes	23	23	0.021	Yes	Yes
229	Calibration	109NB	Slip onto Burdock Way	NB	03-06-2013 to 12-06-2013	ATC	No	4422-1556	4422	1556	476	468	0.373	Yes	Yes	385	388	0.176	Yes	Yes
230	Calibration	110EB	Windy Bank Lane	EB	05-07-2013 to 15-07-2013	ATC	No	4008-1241	4008	1241	81	82	0.048	Yes	Yes	68	68	0.039	Yes	Yes
231	Calibration	110WB	Windy Bank Lane	WB	05-07-2013 to 15-07-2013	ATC	No	1241-4008	1241	4008	78	80	0.175	Yes	Yes	66	66	0.101	Yes	Yes
232	Calibration	111EB	Lee Bridge	EB	17-06-2014 to 25-06-2014	ATC	No	1632-1631	1632	1631	227	227	0.020	Yes	Yes	191	190	0.083	Yes	Yes
233	Calibration	111WB	Lee Bridge	WB	17-06-2014 to 25-06-2014	ATC	No	1631-1632	1631	1632	321	309	0.679	Yes	Yes	270	272	0.140	Yes	Yes
240	Calibration	115NB	Church Lane	NB	05-07-2013 to 15-07-2013	ATC	No	3362-1007	3362	1007	151	201	3.775	Yes	Yes	127	172	3.655	Yes	Yes
241	Calibration	115SB	Church Lane	SB	05-07-2013 to 15-07-2013	ATC	No	1007-3362	1007	3362	138	141	0.241	Yes	Yes	116	117	0.112	Yes	Yes
242	Calibration	116NB	B6138 Cragg Vale	NB	06-08-2014 to 15-08-2014	ATC	No	3647-3612	3647	3612	95	96	0.083	Yes	Yes	80	80	0.049	Yes	Yes
243	Calibration	116SB	B6138 Cragg Vale	SB	06-08-2014 to 15-08-2014	ATC	No	3612-3647	3612	3647	101	101	0.043	Yes	Yes	85	85	0.020	Yes	Yes
246	Calibration	118EB	Parkinson Lane	EB	02-06-2014 to 17-06-2014	ATC	No	1110-2340	1110	2340	142	135	0.576	Yes	Yes	119	119	0.012	Yes	Yes
247	Calibration	118WB	Parkinson Lane	WB	02-06-2014 to 17-06-2014	ATC	No	2340-1110	2340	1110	147	141	0.529	Yes	Yes	124	124	0.017	Yes	Yes
248	Calibration	119NB	Stanley Road	NB	17-04-2013 to 25-04-2013	ATC	No	2709-4319	2709	4319	64	60	0.456	Yes	Yes	53	53	0.058	Yes	Yes
249	Calibration	119SB	Stanley Road	SB	17-04-2013 to 25-04-2013	ATC	No	4319-2709	4319	2709	58	52	0.900	Yes	Yes	49	49	0.203	Yes	Yes
250	Calibration	120EB	B6113 Rochdale Road	EB	06-08-2014 to 14-08-2014	ATC	No	3524-3523	3524	3523	119	44	8.283	No	Yes	100	40	7.203	No	Yes
251	Calibration	120WB	B6113 Rochdale Road	WB	06-08-2014 to 14-08-2014	ATC	No	3523-3524	3523	3524	74	23	7.307	No	Yes	62	22	6.295	No	Yes
252	Calibration	121NB	Site 8 - Eiland Bypass (2016 update)	NB	20-06-2013 to 05-07-2013	ATC/RSI	No	3277-1200	3277	1200	1054	979	2.347	Yes	Yes	830	779	1.814	Yes	Yes
253	Calibration	121SB	Site 8 - Eiland Bypass (2016 update)	SB	20-06-2013 to 05-07-2013	ATC/RSI	No	1200-3												

261	Calibration	125WB	Hopwood Lane	WB	04-11-2013 to 13-11-2013	ATC	No	2336-1124	2336	1124	74	69	0.595	Yes	Yes	62	61	0.157	Yes	Yes
264	Calibration	127EB	High Street	EB	04-11-2013 to 13-11-2013	ATC	No	3891-3535	3891	3535	47	134	9.116	No	Yes	40	124	9.336	No	Yes
265	Calibration	127WB	High Street	WB	04-11-2013 to 13-11-2013	ATC	No	3535-3891	3535	3891	47	117	7.796	No	Yes	39	111	8.280	No	Yes
266	Calibration	128EB	Broad Carr Lane	EB	05-11-2013 to 13-11-2013	ATC	No	3504-3503	3504	3503	98	103	0.589	Yes	Yes	82	82	0.002	Yes	Yes
267	Calibration	128WB	Broad Carr Lane	WB	05-11-2013 to 13-11-2013	ATC	No	3503-3504	3503	3504	98	100	0.168	Yes	Yes	83	84	0.202	Yes	Yes
268	Calibration	129EB	Albert Road	EB	25-11-2013 to 03-12-2013	ATC	No	2303-1071	2303	1071	117	109	0.707	Yes	Yes	98	95	0.305	Yes	Yes
269	Calibration	129WB	Albert Road	WB	25-11-2013 to 03-12-2013	ATC	No	1071-2303	1071	2303	133	132	0.127	Yes	Yes	112	111	0.036	Yes	Yes
274	Calibration	132EB	Pellon New Road	EB	28-11-2013 to 06-12-2013	ATC	No	1121-2402	1121	2402	231	231	0.004	Yes	Yes	194	197	0.161	Yes	Yes
275	Calibration	132WB	Pellon New Road	WB	28-11-2013 to 06-12-2013	ATC	No	2402-1121	2402	1121	213	217	0.293	Yes	Yes	179	185	0.434	Yes	Yes
276	Calibration	133EB	Roils Head Road	EB	25-11-2013 to 03-12-2013	ATC	No	1133-2295	1133	2295	65	86	2.457	Yes	Yes	55	67	1.613	Yes	Yes
277	Calibration	133WB	Roils Head Road	WB	25-11-2013 to 03-12-2013	ATC	No	2295-1133	2295	1133	67	89	2.383	Yes	Yes	57	78	2.568	Yes	Yes
278	Calibration	134NB	Claremount Road	NB	07-11-2013 to 15-11-2013	ATC	No	2399-1203	2399	1203	92	83	1.021	Yes	Yes	77	73	0.458	Yes	Yes
279	Calibration	134SB	Claremount Road	SB	07-11-2013 to 15-11-2013	ATC	No	1203-2399	1203	2399	78	77	0.105	Yes	Yes	66	66	0.013	Yes	Yes
282	Calibration	136NB	Jepson Lane	NB	13-11-2013 to 22-11-2013	ATC	No	3371-4408	3371	4408	245	246	0.075	Yes	Yes	206	207	0.090	Yes	Yes
283	Calibration	136SB	Jepson Lane	SB	13-11-2013 to 22-11-2013	ATC	No	4408-3371	4408	3371	277	267	0.608	Yes	Yes	233	241	0.515	Yes	Yes
284	Calibration	137EB	Elland Lane	EB	14-11-2013 to 22-11-2013	ATC	No	3334-3335	3334	3335	222	217	0.308	Yes	Yes	186	183	0.214	Yes	Yes
285	Calibration	137WB	Elland Lane	WB	14-11-2013 to 22-11-2013	ATC	No	3335-3334	3335	3334	203	196	0.503	Yes	Yes	170	163	0.559	Yes	Yes
290	Calibration	140EB	A58 Kings Cross Road	EB	01-06-2014 to 30-06-2014	ATC	No	1431-2365	1431	2365	690	686	0.135	Yes	Yes	558	554	0.165	Yes	Yes
291	Calibration	140WB	A58 Kings Cross Road	WB	01-06-2014 to 30-06-2014	ATC	No	2365-1431	2365	1431	539	541	0.070	Yes	Yes	436	438	0.093	Yes	Yes
292	Calibration	141EB	A58 Rochdale Road	EB	08-01-2014 to 16-01-2014	ATC	No	3588-3587	3588	3587	105	113	0.745	Yes	Yes	85	91	0.697	Yes	Yes
293	Calibration	141WB	A58 Rochdale Road	WB	08-01-2014 to 16-01-2014	ATC	No	3587-3588	3587	3588	107	146	3.487	Yes	Yes	86	126	3.843	Yes	Yes
294	Calibration	142NB	A629 Skircoat Road	NB	01-06-2014 to 30-06-2014	ATC	No	2369-1013	2369	1013	583	585	0.083	Yes	Yes	471	465	0.291	Yes	Yes
295	Calibration	142SB	A629 Skircoat Road	SB	01-06-2014 to 30-06-2014	ATC	No	1013-2369	1013	2369	625	603	0.886	Yes	Yes	506	486	0.893	Yes	Yes
296	Calibration	143EB	A646 Market Street	EB	08-01-2014 to 16-01-2014	ATC	No	3635-3633	3635	3633	516	519	0.122	Yes	Yes	418	420	0.137	Yes	Yes
297	Calibration	143WB	A646 Market Street	WB	08-01-2014 to 16-01-2014	ATC	No	3633-3635	3633	3635	487	488	0.051	Yes	Yes	394	395	0.047	Yes	Yes
298	Calibration	144EB	A646 Burnley Road	EB	01-03-2014 to 10-03-2014	ATC	No	3614-3606	3614	3606	516	525	0.408	Yes	Yes	417	424	0.349	Yes	Yes
299	Calibration	144WB	A646 Burnley Road	WB	01-03-2014 to 10-03-2014	ATC	No	3606-3614	3606	3614	512	520	0.329	Yes	Yes	414	418	0.156	Yes	Yes
300	Calibration	145NB	B6113 Elland Road	NB	08-01-2014 to 16-01-2014	ATC	No	3729-3584	3729	3584	185	183	0.197	Yes	Yes	156	155	0.056	Yes	Yes
301	Calibration	145SB	B6113 Elland Road	SB	08-01-2014 to 16-01-2014	ATC	No	3584-3729	3584	3729	175	175	0.008	Yes	Yes	147	147	0.001	Yes	Yes
308	Calibration	149NB	Shay Syke	NB	01-06-2014 to 30-06-2014	ATC	No	2379-1016	2379	1016	461	426	1.675	Yes	Yes	388	371	0.849	Yes	Yes
309	Calibration	149SB	Shay Syke	SB	01-06-2014 to 30-06-2014	ATC	No	1016-2379	1016	2379	507	479	1.264	Yes	Yes	426	421	0.248	Yes	Yes
310	Calibration	150EB	Coal Pit Lane	EB	28-02-2014 to 10-03-2014	ATC	No	4096-4095	4096	4095	54	54	0.010	Yes	Yes	45	45	0.028	Yes	Yes
311	Calibration	150WB	Coal Pit Lane	WB	28-02-2014 to 10-03-2014	ATC	No	4095-4096	4095	4096	42	38	0.532	Yes	Yes	35	34	0.112	Yes	Yes
315	Calibration	153SB	Site 17 - Bradford Road	SB	Jun-14	ATC/RSI	No	3195-3944	3195	3944	450	442	0.391	Yes	Yes	364	355	0.491	Yes	Yes
322	Calibration	160NWB	Site 9 - New Road	NWB	Jun-14	ATC/RSI	No	3886-3888	3886	3888	91	97	0.625	Yes	Yes	78	84	0.685	Yes	Yes
330	Calibration	167SWB	Site 18 - Wade House Road	SWB	Jun-14	ATC/RSI	No	4404-3235	4404	3235	603	590	0.522	Yes	Yes	487	480	0.309	Yes	Yes
331	Calibration	168NB	Site 19 - A644 Brighouse & Denholme Gate Road	NB	Jun-14	ATC/RSI	No	1452-1238	1452	1238	430	387	2.137	Yes	Yes	323	291	1.816	Yes	Yes
341	Calibration	171NB	Hammerstone Road	NB	Oct-14	MCC	No	3477-3489	3477	3489	90	91	0.175	Yes	Yes	80	80	0.019	Yes	Yes
342	Calibration	171SB	Hammerstone Road	SB	Oct-14	MCC	No	3489-3477	3489	3477	111	102	0.860	Yes	Yes	98	89	0.905	Yes	Yes
347	Calibration	171EB	Victoria Road	EB	Oct-14	MCC	No	3477-4036	3477	4036	180	170	0.706	Yes	Yes	157	149	0.626	Yes	Yes
348	Calibration	171WB	Victoria Road	WB	Oct-14	MCC	No	4036-3477	4036	3477	161	160	0.053	Yes	Yes	140	140	0.033	Yes	Yes
349	Calibration	172EB	Saddleworth Road (W)	EB	Oct-14	MCC	No	3509-3948	3509	3948	264	264	0.017	Yes	Yes	209	209	0.012	Yes	Yes
350	Calibration	172WB	Saddleworth Road (W)	WB	Oct-14	MCC	No	3948-3509	3948	3509	236	236	0.006	Yes	Yes	184	187	0.225	Yes	Yes
351	Calibration	172NB	Stainland Road (S)	NB	Oct-14	MCC	No	7002-3948	7002	3948	302	312	0.548	Yes	Yes	247	258	0.710	Yes	Yes
352	Calibration	172SB	Stainland Road (S)	SB	Oct-14	MCC	No	3948-7002	3948	7002	281	271	0.592	Yes	Yes	230	229	0.073	Yes	Yes
357	Calibration	173EB	Rochdale Road (W)	EB	Oct-14	MCC	No	3496-3947	3496	3947	224	223	0.107	Yes	Yes	194	194	0.005	Yes	Yes
358	Calibration	173WB	Rochdale Road (W)	WB	Oct-14	MCC	No	3947-3496	3947	3496	262	262	0.016	Yes	Yes	224	227	0.233	Yes	Yes
375	Calibration	175EB	Victoria Road (W)	EB	Oct-14	MCC	No	3373-3370	3373	3370	229	230	0.049	Yes	Yes	199	199	0.036	Yes	Yes
376	Calibration	175WB	Victoria Road (W)	WB	Oct-14	MCC	No	3370-3373	3370	3373	228	242	0.932	Yes	Yes	199	213	0.937	Yes	Yes
384	Calibration	177SB	Huddersfield Road (N)	SB	Oct-14	MCC	No	4207-4208	4207	4208	88	17	9.856	No	Yes	69	0	11.786	No	Yes
385	Calibration	177EB	Southgate	EB	Oct-14	MCC	No	4407-4208	4407	4208	300	302	0.151	Yes	Yes	256	256	0.021	Yes	Yes
386	Calibration	177WB	Southgate	WB	Oct-14	MCC	No	4208-4407	4208	4407	393	401	0.384	Yes	Yes	337	344	0.394	Yes	Yes
387	Calibration	177NB	Catherine Street	NB	Oct-14	MCC	No	3387-3913	3387	3913	55	56	0.093	Yes	Yes	47	47	0.069	Yes	Yes
388	Calibration	177SB	Catherine Street	SB	Oct-14	MCC	No	3913-3387	3913	3387	52	54	0.313	Yes	Yes	41	43	0.310	Yes	Yes
389	Calibration	177NB	Huddersfield Road (S)	NB	Oct-14	MCC	No	3376-3913	3376	3913	341	351	0.576	Yes	Yes	280	286	0.367	Yes	Yes
390	Calibration	177SB	Huddersfield Road (S)	SB	Oct-14	MCC	No	3913-3376	3913	3376	516	510	0.284	Yes	Yes	407	406	0.038	Yes	Yes
397	Calibration	178EB	Dewsbury Road	EB	Oct-14	MCC	No	3192-3191	3192	3191	259	261	0.140	Yes	Yes	221	221	0.021	Yes	Yes
398	Calibration	178WB	Dewsbury Road	WB	Oct-14	MCC	No	3191-3192	3191	3192	274	302	1.635	Yes	Yes	228	264	2.295	Yes	Yes
399	Calibration	179NB	Elland Riorges Link (N)	NB	Oct-14	MCC	No	3912-3330	3912	3330	400	294	5.675	No	No	330	244	5.068	No	Yes
400	Calibration	179SB	Elland Riorges Link (N)	SB	Oct-14	MCC	No	3330-3912	3330	3912	659	621	1.478	Yes	Yes	527	500	1.217	Yes	Yes
409	Calibration	180EB	Briggate	EB	Oct-14	MCC	No	3249-3250	3249	3250	333	338	0.255	Yes	Yes	262	269	0.428	Yes	Yes
410	Calibration	180WB	Briggate	WB	Oct-14	MCC	No	3250-3249	3250	3249	445	460	0.710	Yes	Yes	364	377	0.682	Yes	Yes
414	Calibration	181WB	Halifax Road	WB	Oct-14	MCC	No	3248-3281	3248	3281	282	255	1.691	Yes	Yes	228	220	0.520	Yes	Yes
415	Calibration	181NB	Elland Bridge	NB	Oct-14	MCC	No	3249-3248	3249	3248	401	404	0.193	Yes	Yes	321	326	0.238	Yes	Yes
416	Calibration	181SB	Elland Bridge	SB	Oct-14	MCC	No	3248-3249	3248	3249	350	365	0.800	Yes	Yes	275	283	0.501	Yes	Yes
419	Calibration	182NB	Exley Lane	NB	Oct-14	MCC	No	3247-3356	3247	3356	64	70	0.735	Yes	Yes	51	57	0.724	Yes	Yes
420	Calibration	182SB	Exley Lane	SB	Oct-14	MCC	No	3356-3247	3356	3247	300	301	0.064	Yes	Yes	242	243	0.066	Yes	Yes
423	Calibration	182NEB	Park Road (N)	NEB	Oct-14	MCC	No	3247-3246	3247	3246	447	442	0.263	Yes	Yes	363	360	0.171	Yes	Yes
424	Calibration	182SWB	Park Road (N)	SWB	Oct-14	MCC														

429	Calibration	183NB	Jubilee Road	NB	Oct-14	MCC	No	1004-1464	1004	1464	149	126	1.950	Yes	Yes	120	101	1.797	Yes	Yes
430	Calibration	183SB	Jubilee Road	SB	Oct-14	MCC	No	1464-1004	1464	1004	146	186	3.130	Yes	Yes	120	157	3.136	Yes	Yes
431	Calibration	184EB	New Hey Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3882-9527	3882	9527	531	587	2.373	Yes	Yes	443	501	2.640	Yes	Yes
432	Calibration	184WB	New Hey Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9527-3882	9527	3882	507	507	0.029	Yes	Yes	417	407	0.492	Yes	Yes
433	Calibration	185EB	Lindley Moor Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3880-9510	3880	9510	368	369	0.039	Yes	Yes	305	305	0.026	Yes	Yes
434	Calibration	185WB	Lindley Moor Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9510-3880	9510	3880	455	442	0.589	Yes	Yes	383	373	0.488	Yes	Yes
435	Calibration	186NB	Halifax Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9507-9261	9507	9261	908	1134	7.059	No	No	715	914	6.994	No	No
436	Calibration	186SB	Halifax Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9261-9507	9261	9507	897	967	2.289	Yes	Yes	728	764	1.305	Yes	Yes
437	Calibration	187EB	Grimescar Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3351-9640	3351	9640	132	169	3.032	Yes	Yes	108	128	1.802	Yes	Yes
438	Calibration	187WB	Grimescar Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9640-3351	9640	3351	150	151	0.071	Yes	Yes	127	134	0.614	Yes	Yes
441	Calibration	189EB	Bradley Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9628-9644	9628	9644	598	333	12.296	No	No	503	301	10.078	No	No
442	Calibration	189WB	Bradley Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9644-9628	9644	9628	545	271	13.545	No	No	467	233	12.535	No	No
455	Calibration	196NB	Leeds Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9564-9656	9564	9656	473	493	0.930	Yes	Yes	383	401	0.906	Yes	Yes
456	Calibration	196SB	Leeds Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9656-9564	9656	9564	471	472	0.046	Yes	Yes	385	385	0.005	Yes	Yes
457	Calibration	197NB	Dewsbury Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9572-9569	9572	9569	325	328	0.154	Yes	Yes	271	271	0.021	Yes	Yes
458	Calibration	197SB	Dewsbury Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9569-9572	9569	9572	59	206	12.723	No	No	38	165	12.575	No	No
459	Calibration	198EB	Church Lane	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9568-9654	9568	9654	272	272	0.038	Yes	Yes	235	237	0.119	Yes	Yes
460	Calibration	198WB	Church Lane	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9654-9568	9654	9568	288	288	0.006	Yes	Yes	251	251	0.025	Yes	Yes
465	Calibration	201EB	Halifax Road	EB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9553-9554	9553	9554	282	271	0.649	Yes	Yes	236	233	0.184	Yes	Yes
466	Calibration	201WB	Halifax Road	WB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9554-9553	9554	9553	298	289	0.491	Yes	Yes	247	240	0.412	Yes	Yes
467	Calibration	202NB	Bradford Road	NB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9561-9562	9561	9562	448	437	0.517	Yes	Yes	369	359	0.541	Yes	Yes
468	Calibration	202SB	Bradford Road	SB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9562-9561	9562	9561	494	494	0.009	Yes	Yes	408	408	0.004	Yes	Yes
471	Calibration	204NB	Oxford Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9564-9655	9564	9655	223	226	0.154	Yes	Yes	194	195	0.054	Yes	Yes
472	Calibration	204SB	Oxford Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9655-9564	9655	9564	207	214	0.435	Yes	Yes	179	179	0.002	Yes	Yes
475	Calibration	206NB	Halifax Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9514-9508	9514	9508	693	609	3.277	Yes	Yes	535	468	2.988	Yes	Yes
476	Calibration	206SB	Halifax Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9508-9514	9508	9514	681	615	2.623	Yes	Yes	535	500	1.534	Yes	Yes
477	Calibration	207NB	Birkby Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9646-9645	9646	9645	206	219	0.879	Yes	Yes	191	193	0.209	Yes	Yes
478	Calibration	207SB	Birkby Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9645-9646	9645	9646	168	157	0.860	Yes	Yes	150	137	1.105	Yes	Yes
481	Calibration	209NB	A641 Bradford Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9523-9524	9523	9524	768	728	1.468	Yes	Yes	693	652	1.581	Yes	Yes
482	Calibration	209SB	Bradford Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9524-9523	9524	9523	777	800	0.811	Yes	Yes	697	709	0.446	Yes	Yes
483	Calibration	210NB	Woodhouse Hill	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9627-9642	9627	9642	273	261	0.713	Yes	Yes	229	218	0.722	Yes	Yes
484	Calibration	210SB	Woodhouse Hill	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9642-9627	9642	9627	285	277	0.472	Yes	Yes	240	235	0.328	Yes	Yes
503	Calibration	220EB	Leeds Road	EB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9539-9545	9539	9545	890	923	1.071	Yes	Yes	692	720	1.079	Yes	Yes
504	Calibration	220WB	Leeds Road	WB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9545-9539	9545	9539	1016	1061	1.399	Yes	Yes	780	787	0.273	Yes	Yes
505	Calibration	221NB	Peep Green Road	NB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9550-9551	9550	9551	91	91	0.050	Yes	Yes	77	77	0.027	Yes	Yes
506	Calibration	221SB	Peep Green Road	SB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9551-9550	9551	9550	86	86	0.011	Yes	Yes	76	75	0.019	Yes	Yes
509	Calibration	223NB	Gelderd Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9574-9662	9574	9662	708	646	2.381	Yes	Yes	597	544	2.183	Yes	Yes
510	Calibration	223SB	Gelderd Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9662-9574	9662	9574	807	610	7.410	No	No	630	476	8.576	No	No
511	Calibration	224NB	Bradford Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9569-9569	9569	9569	449	449	0.002	Yes	Yes	369	368	0.015	Yes	Yes
512	Calibration	224SB	Bradford Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9569-9569	9569	9569	507	496	0.516	Yes	Yes	409	401	0.397	Yes	Yes
515	Calibration	226NB	Wakefield Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	4273-4093	4273	4093	794	818	0.879	Yes	Yes	549	571	0.954	Yes	Yes
516	Calibration	226SB	Wakefield Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	4093-4273	4093	4273	563	569	0.248	Yes	Yes	394	401	0.341	Yes	Yes
521	Calibration	229NB	Southgate	NB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9519-9518	9519	9518	727	773	1.680	Yes	Yes	638	644	0.227	Yes	Yes
522	Calibration	229SB	Southgate	SB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9518-9519	9518	9519	1141	1163	0.652	Yes	Yes	994	997	0.106	Yes	Yes
523	Calibration	230EB	Queensgate	EB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9520-9519	9520	9519	718	708	0.399	Yes	Yes	639	637	0.095	Yes	Yes
524	Calibration	230WB	Queensgate	WB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9519-9520	9519	9520	1002	928	2.370	Yes	Yes	865	846	0.643	Yes	Yes
525	Calibration	231NB	Castlegate	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9521-9262	9521	9262	1281	1222	1.654	Yes	Yes	1098	1068	0.921	Yes	Yes
526	Calibration	231SB	Castlegate	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9262-9521	9262	9521	1096	1071	0.769	Yes	Yes	948	945	0.102	Yes	Yes
527	Calibration	232NB	Huddersfield Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9573-9574	9573	9574	576	562	0.589	Yes	Yes	467	470	0.099	Yes	Yes
528	Calibration	232SB	Huddersfield Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9574-9573	9574	9573	679	665	0.540	Yes	Yes	540	526	0.613	Yes	Yes
529	Calibration	233NB	Leeds Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9560-9564	9560	9564	540	444	4.325	Yes	Yes	440	363	3.798	Yes	Yes
530	Calibration	233SB	Leeds Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9564-9560	9564	9560	594	434	7.062	No	No	487	360	6.136	No	No
533	Calibration	235EB	Whitehall Road	EB	12th March 2015 to 25th March 2015	ATC split by MCC	No	3469-3453	3469	3453	608	586	0.922	Yes	Yes	446	448	0.089	Yes	Yes
534	Calibration	235WB	Whitehall Road	WB	12th March 2015 to 25th March 2015	ATC split by MCC	No	3454-3469	3454	3469	657	656	0.028	Yes	Yes	496	497	0.058	Yes	Yes
539	Calibration	238EB	Kirlees RSI Site 1 New North Road	EB	Tuesday 21st April	ATC/RSI	No	9515-4261	9515	4261	575	564	0.442	Yes	Yes	459	457	0.107	Yes	Yes
540	Calibration	238WB	Kirlees RSI Site 1 New North Road	WB	Tuesday 21st April	ATC/RSI	No	4261-9515	4261	9515	551	418	6.041	No	No	456	323	8.782	No	No
545	Calibration	241SB	Kirlees RSI Site 3 Trinity Street	EB	Tuesday 21st April	ATC/RSI	No	9513-9262	9513	9262	633	654	0.811	Yes	Yes	556	575	0.828	Yes	Yes
546	Calibration	241NB	Kirlees RSI Site 3 Trinity Street	WB	Tuesday 21st April	ATC/RSI	No	9262-9513	9262	9513	613	627	0.554	Yes	Yes	536	545	0.372	Yes	Yes
547	Calibration	242SB	Kirlees RSI Site 4 Bradford Road	NB	Wednesday 22nd April	ATC/RSI	No	9544-9543	9544	9543	689	686	0.106	Yes	Yes	596	593	0.117	Yes	Yes
548	Calibration	242NB	Kirlees RSI Site 4 Bradford Road	SB	Wednesday 22nd April	ATC/RSI	No	9543-9544	9543	9544	651	704	2.021	Yes	Yes	560	609	2.025	Yes	Yes
549	Calibration	243WB	Kirlees RSI Site 5 Leeds Road	EB	Wednesday 22nd April	ATC/RSI	No	9641-9532	9641	9532	795	776	0.650	Yes	Yes	624	632	0.300	Yes	Yes
550	Calibration	243EB	Kirlees RSI Site 5 Leeds Road	WB	Wednesday 22nd April	ATC/RSI	No	9532-9641	9532	9641	815	825	0.347	Yes	Yes	640	674	1.292	Yes	Yes
562	Calibration	249WB	A58 New Bank	WB	Mar-16	CTC	No	1033-1515	1033	1515	1019	1038	0.601	Yes	Yes	812	831	0.657	Yes	Yes
563	Calibration	249EB	A58 New Bank	EB	Mar-16	CTC	No	1514-1033	1514	1033	1117	1122	0.163	Yes	Yes	881	884	0.096	Yes	Yes
568	Calibration	249NB	A58 West	NB	Mar-16	CTC	No	1528-1527	1528	1527	1067	1100	0.996	Yes	Yes	843	867	0.813	Yes	Yes
569	Calibration	249SB	A58 West	SB	Mar-16	CTC	No	1530-1529	1530	1529	993									

575	Calibration	250SB	Church Street	SB	Mar-16	CTC	No	1019-2398	1019	2398	512	510	0.089	Yes	Yes	472	466	0.248	Yes	Yes
578	Calibration	251SB	South Parade	SB	Mar-16	CTC	No	2770-1016	2770	1016	433	415	0.880	Yes	Yes	397	379	0.908	Yes	Yes
579	Calibration	251NB	South Parade	NB	Mar-16	CTC	No	1016-2770	1016	2770	445	433	0.564	Yes	Yes	397	386	0.552	Yes	Yes
584	Calibration	251EB	Hunger Hill	EB	Mar-16	CTC	No	7007-1016	7007	1016	153	172	1.459	Yes	Yes	137	144	0.616	Yes	Yes
585	Calibration	251WB	Hunger Hill	WB	Mar-16	CTC	No	1016-7007	1016	7007	100	84	1.703	Yes	Yes	88	73	1.714	Yes	Yes
588	Calibration	252WB	Prescott Street	WB	Mar-16	CTC	No	2377-1024	2377	1024	271	187	5.563	No	Yes	236	170	4.667	Yes	Yes
589	Calibration	252EB	Prescott Street	EB	Mar-16	CTC	No	1024-2377	1024	2377	89	76	1.342	Yes	Yes	78	68	1.154	Yes	Yes
594	Calibration	253SB	Cow Green	SB	Mar-16	CTC	No	7005-1027	7005	1027	795	790	0.182	Yes	Yes	667	640	1.086	Yes	Yes
595	Calibration	253NB	Cow Green	NB	Mar-16	CTC	No	1027-7005	1027	7005	794	830	1.240	Yes	Yes	646	667	0.845	Yes	Yes
598	Calibration	253EB	Bull Green	EB	Mar-16	CTC	No	7009-1027	7009	1027	421	422	0.035	Yes	Yes	370	369	0.024	Yes	Yes
599	Calibration	253WB	Bull Green	WB	Mar-16	CTC	No	1027-7009	1027	7009	378	377	0.098	Yes	Yes	343	335	0.456	Yes	Yes
602	Calibration	254WB	Central Street	WB	Mar-16	CTC	No	1559-1028	1559	1028	47	44	0.462	Yes	Yes	42	42	0.024	Yes	Yes
603	Calibration	254EB	Central Street	EB	Mar-16	CTC	No	1028-1558	1028	1558	164	169	0.368	Yes	Yes	147	165	1.371	Yes	Yes
604	Calibration	254NB	Cow Green	NB	Mar-16	CTC	No	2258-1028	2258	1028	805	852	1.643	Yes	Yes	667	696	1.103	Yes	Yes
605	Calibration	254SB	Cow Green	SB	Mar-16	CTC	No	1028-2258	1028	2258	622	617	0.219	Yes	Yes	515	488	1.171	Yes	Yes
610	Calibration	255WB	A58 East	WB	Mar-16	CTC	No	1563-1561	1563	1561	426	422	0.183	Yes	Yes	337	336	0.061	Yes	Yes
612	Calibration	255WB	Pellon Lane East	WB	Mar-16	CTC	No	2725-1561	2725	1561	392	391	0.045	Yes	Yes	330	324	0.301	Yes	Yes
613	Calibration	255EB	Pellon Lane East	EB	Mar-16	CTC	No	1561-2725	1561	2725	330	310	1.083	Yes	Yes	286	274	0.708	Yes	Yes
614	Calibration	255NB	New Brunswick Street	NB	Mar-16	CTC	No	1565-1052	1565	1052	176	173	0.248	Yes	Yes	146	151	0.363	Yes	Yes
621	Calibration	256SB	Waterhouse Street	SB	Mar-16	CTC	No	1029-1557	1029	1557	273	250	1.434	Yes	Yes	245	249	0.244	Yes	Yes
622	Calibration	256EB	Broad Street	EB	Mar-16	CTC	No	1028-1029	1028	1029	570	560	0.425	Yes	Yes	478	457	0.965	Yes	Yes
623	Calibration	256WB	Broad Street	WB	Mar-16	CTC	No	1029-1028	1029	1028	598	473	5.429	No	No	505	375	6.215	No	No
646	Calibration	260WB	Shroggs Road East	WB	Mar-16	CTC	No	1038-7003	1038	7003	268	261	0.408	Yes	Yes	229	223	0.442	Yes	Yes
647	Calibration	260EB	Shroggs Road East	EB	Mar-16	CTC	No	7003-1038	7003	1038	284	278	0.354	Yes	Yes	250	249	0.027	Yes	Yes
680	Calibration	265EB	Kings Cross Road	EB	Mar-16	CTC	No	2373-1054	2373	1054	302	304	0.139	Yes	Yes	269	271	0.128	Yes	Yes
681	Calibration	265WB	Kings Cross Road	WB	Mar-16	CTC	No	1054-2373	1054	2373	194	197	0.198	Yes	Yes	178	180	0.196	Yes	Yes
682	Calibration	265SB	Hopwood Lane	SB	Mar-16	CTC	No	2374-1054	2374	1054	140	138	0.181	Yes	Yes	127	123	0.373	Yes	Yes
683	Calibration	265NB	Hopwood Lane	NB	Mar-16	CTC	No	1054-2374	1054	2374	150	130	1.697	Yes	Yes	136	114	1.939	Yes	Yes
692	Calibration	267WB	Swan Bank Lane	WB	Mar-16	CTC	No	1186-1017	1186	1017	126	162	3.003	Yes	Yes	109	129	1.795	Yes	Yes
693	Calibration	267EB	Swan Bank Lane	EB	Mar-16	CTC	No	1017-1186	1017	1186	112	126	1.215	Yes	Yes	96	100	0.385	Yes	Yes
732	Calibration	272EB	Site 1 - A58 Rochdale Road between Lower Brockwell Lane and Parkfield Drive	EB	12th March 2016 to 22nd March 2016	ATC	No	4312-3985	4312	3985	291	290	0.051	Yes	Yes	231	231	0.046	Yes	Yes
733	Calibration	272WB	Site 1 - A58 Rochdale Road between Lower Brockwell Lane and Parkfield Drive	WB	12th March 2016 to 22nd March 2016	ATC	No	3985-4312	3985	4312	323	325	0.118	Yes	Yes	261	264	0.164	Yes	Yes
734	Calibration	273EB	Site 2 - A646 Burnley Road between Woodroyd Gardens and The Meadows	EB	12th March 2016 to 22nd March 2016	ATC	No	1094-1095	1094	1095	551	502	2.117	Yes	Yes	438	399	1.899	Yes	Yes
735	Calibration	273WB	Site 2 - A646 Burnley Road between Woodroyd Gardens and The Meadows	WB	12th March 2016 to 22nd March 2016	ATC	No	1095-1094	1095	1094	593	504	3.782	Yes	Yes	476	396	3.827	Yes	Yes
736	Calibration	274EB	Site 4 - Shroggs Road south east of Hebble Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	2401-1059	2401	1059	214	219	0.345	Yes	Yes	187	187	0.022	Yes	Yes
737	Calibration	274WB	Site 4 - Shroggs Road south east of Hebble Lane	WB	12th March 2016 to 22nd March 2016	ATC	No	1059-2401	1059	2401	289	283	0.401	Yes	Yes	254	251	0.214	Yes	Yes
738	Calibration	275EB	Site 16 - A58 Whitehall Road between Grassmere Road and Westfield Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	3473-3482	3473	3482	549	445	4.667	Yes	No	412	327	4.431	Yes	Yes
739	Calibration	275WB	Site 16 - A58 Whitehall Road between Grassmere Road and Westfield Lane	WB	12th March 2016 to 22nd March 2016	ATC	No	3482-3473	3482	3473	560	468	4.069	Yes	Yes	413	341	3.719	Yes	Yes
740	Calibration	276NB	Tofts Grove between Lower Edge Road and Mayster Road	NB	12th March 2016 to 22nd March 2016	ATC	No	3348-3175	3348	3175	117	116	0.088	Yes	Yes	98	96	0.209	Yes	Yes
741	Calibration	276SB	Tofts Grove between Lower Edge Road and Mayster Road	SB	12th March 2016 to 22nd March 2016	ATC	No	3175-3348	3175	3348	119	122	0.278	Yes	Yes	100	100	0.036	Yes	Yes
742	Calibration	277NB	A641 Huddersfield Rd between Daisy Road and Armitage Avenue	NB	12th March 2016 to 22nd March 2016	ATC	No	3121-3118	3121	3118	463	474	0.516	Yes	Yes	374	388	0.700	Yes	Yes
743	Calibration	277SB	A641 Huddersfield Rd between Daisy Road and Armitage Avenue	SB	12th March 2016 to 22nd March 2016	ATC	No	3118-3121	3118	3121	498	494	0.170	Yes	Yes	403	398	0.238	Yes	Yes
744	Calibration	278NB	Bank Top between Common Lane and Marsh Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	1181-1183	1181	1183	203	251	3.166	Yes	Yes	171	213	3.047	Yes	Yes
745	Calibration	278SB	Bank Top between Common Lane and Marsh Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1183-1181	1183	1181	189	191	0.152	Yes	Yes	159	160	0.096	Yes	Yes
746	Calibration	279EB	A58 Rochdale Road west of Junction with A646	EB	12th March 2016 to 22nd March 2016	ATC	No	1368-1362	1368	1362	480	468	0.541	Yes	Yes	388	383	0.301	Yes	Yes
747	Calibration	279WB	A58 Rochdale Road west of Junction with A646	WB	12th March 2016 to 22nd March 2016	ATC	No	1362-1368	1362	1368	443	554	4.968	Yes	No	358	455	4.799	Yes	Yes
750	Calibration	280NB	A641 between New Works Road and B6379 Huddersfield Road	NB	12th March 2016 to 22nd March 2016	ATC	No	3901-3903	3901	3903	595	621	1.069	Yes	Yes	482	512	1.372	Yes	Yes
751	Calibration	280SB	A641 between New Works Road and B6379 Huddersfield Road	SB	12th March 2016 to 22nd March 2016	ATC	No	3903-3901	3903	3901	665	659	0.260	Yes	Yes	538	547	0.372	Yes	Yes
754	Calibration	282NB	Thrumm Hall Lane between Gibbet Street and Hanson Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	2306-1107	2306	1107	182	179	0.249	Yes	Yes	153	149	0.325	Yes	Yes
755	Calibration	282SB	Thrumm Hall Lane between Gibbet Street and Hanson Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1107-2306	1107	2306	168	190	1.637	Yes	Yes	141	158	1.366	Yes	Yes
756	Calibration	283EB	Hanson Ln between Violet St and Bowman Grove	EB	12th March 2016 to 22nd March 2016	ATC	No	2323-2352	2323	2352	156	153	0.235	Yes	Yes	131	128	0.249	Yes	Yes
757	Calibration	283WB	Hanson Ln between Violet St and Bowman Grove	WB	12th March 2016 to 22nd March 2016	ATC	No	2352-2323	2352	2323	166	182	1.252	Yes	Yes	139	153	1.115	Yes	Yes
758	Calibration	284NB	Queens Rd between Gibbet Street and Hanson Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	2325-1070	2325	1070	302	292	0.567	Yes	Yes	254	249	0.279	Yes	Yes
759	Calibration	284SB	Queens Rd between Gibbet Street and Hanson Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1070-2325	1070	2325	295	267	1.678	Yes	Yes	248	225	1.504	Yes	Yes
760	Calibration	285NB	A629 Keighley Road between Club Lane and Brant Avenue	NB	12th March 2016 to 22nd March 2016	ATC	No	2413-2414	2413	2414	406	324	4.306	Yes	Yes	329	264	3.739	Yes	Yes
761	Calibration	285SB	A629 Keighley Road between Club Lane and Brant Avenue	SB	12th March 2016 to 22nd March 2016	ATC	No	2414-2413	2414	2413	387	286	5.495	No	No	313	233	4.858	Yes	Yes
762	Calibration	286NB	Cousin Lane between Moor Lane and Club Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	2411-2412	2411	2412	179	160	1.423	Yes	Yes	150	141	0.805	Yes	Yes
763	Calibration	286SB	Cousin Lane between Moor Lane and Club Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	2412-2411	2412	2411	196	204	0.570	Yes	Yes	164	171	0.483	Yes	Yes
764	Calibration	287NB	Shay Lane between Blackmires and Crossley Terrace North	NB	12th March 2016 to 22nd March 2016	ATC	No	7101-4305	7101	4305	337	374	1.967	Yes	Yes	283	298	0.911	Yes	Yes
765	Calibration	287SB	Shay Lane between Blackmires and Crossley Terrace North	SB	12th March 2016 to 22nd March 2016	ATC	No	4305-7101	4305	7101	318	362	2.365	Yes	Yes	267	299	1.879	Yes	Yes
768	Calibration	288NB	Crossland Road between Romsey Close and A643 Lindley Moor Road	NB	12th March 2016 to 22nd March 2016	ATC	No	9264-9266	9264	9266	107	168	5.206	No	Yes	90	145	5.070	No	Yes
769	Calibration	288SB	Crossland Road between Romsey Close and A643 Lindley Moor Road	SB	12th March 2016 to 22nd March 2016	ATC	No	9266-9264	9266	9264	107	155	4.186	Yes	Yes	90	133	4.027	Yes	Yes
770	Calibration	289NB	Lightcliffe Road near junction Huntock Place	NB	12th March 2016 to 22nd March 2016	ATC	No	3154-3170	3154	3170	290	291	0.029	Yes	Yes	244	244	0.015	Yes	Yes
771	Calibration	289SB	Lightcliffe Road near junction Huntock Place	SB	12th March 2016 to 22nd March 2016	ATC	No	3170-3154	3170	3154	229	230	0.122	Yes	Yes	192	194	0.135	Yes	Yes
772	Calibration	290NB	Warley Town Lane between Stock Lane and Winterburn Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	1116-1115	1116	1115	28	118	10.589	No	Yes	23	92	9.030	No	Yes
773	Calibration	290SB	Warley Town Lane between Stock Lane and Winterburn Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1115-1116	1115	1116	27	137	12.146	No	No	23	102	10.024	No	Yes
774	Calibration	290EB	Newlands Road between Warley Town Lane and Peter Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	1076-1140	1076											

779	Calibration	293WB	Site14 - Walton Lane between Jay House Lane and A649	WB	12th March 2016 to 22nd March 2016	ATC	No	3072-3071	3072	3071	204	214	0.684	Yes	Yes	174	171	0.206	Yes	Yes
780	Calibration	294NB	Site 5 - Ovenden Road between Ovenden Way and Shroggs Road	NB	12th March 2016 to 22nd March 2016	ATC	No	2400-1039	2400	1039	704	709	0.172	Yes	Yes	566	570	0.156	Yes	Yes
781	Calibration	294SB	Site 5 - Ovenden Road between Ovenden Way and Shroggs Road	SB	12th March 2016 to 22nd March 2016	ATC	No	1039-2400	1039	2400	677	674	0.140	Yes	Yes	540	538	0.085	Yes	Yes
796	Calibration	295NB	Charlestown Road	NB	May-15	MCC	No	1177-1178	1177	1178	296	312	0.908	Yes	Yes	267	278	0.660	Yes	Yes
797	Calibration	295SB	Charlestown Road	SB	May-15	MCC	No	1178-1177	1178	1177	340	339	0.060	Yes	Yes	312	313	0.022	Yes	Yes
802	Calibration	296SB	Cripplegate	NB	May-15	MCC	No	1023-1615	1023	1615	30	29	0.124	Yes	Yes	27	29	0.473	Yes	Yes
803	Calibration	296NB	Cripplegate	SB	May-15	MCC	No	1615-1023	1615	1023	46	47	0.101	Yes	Yes	41	40	0.145	Yes	Yes
806	Calibration	296EB	Bank Bottom	EB	May-15	MCC	No	1023-1177	1023	1177	305	280	1.431	Yes	Yes	272	249	1.419	Yes	Yes
807	Calibration	296WB	Bank Bottom	WB	May-15	MCC	No	1177-1023	1177	1023	353	391	1.954	Yes	Yes	320	358	2.047	Yes	Yes
816	Calibration	298NB	Smithy Street	NB	May-15	MCC	No	1021-1174	1021	1174	588	568	0.844	Yes	Yes	537	534	0.099	Yes	Yes
817	Calibration	298SB	Smithy Street	SB	May-15	MCC	No	1174-1021	1174	1021	209	212	0.188	Yes	Yes	176	180	0.330	Yes	Yes
822	Calibration	299NB	Charles Street	NB	May-15	MCC	No	1614-2720	1614	2720	480	476	0.186	Yes	Yes	435	431	0.215	Yes	Yes
823	Calibration	299SB	Charles Street	SB	May-15	MCC	No	2720-1614	2720	1614	328	331	0.127	Yes	Yes	288	292	0.221	Yes	Yes
826	Calibration	299EB	Alfred Street East	EB	May-15	MCC	No	1614-1621	1614	1621	240	232	0.517	Yes	Yes	219	214	0.362	Yes	Yes
827	Calibration	299WB	Alfred Street East	WB	May-15	MCC	No	1621-1614	1621	1614	248	367	6.797	No	No	229	343	6.735	No	No
828	Calibration	300NB	Union Street North	NB	May-15	MCC	No	1638-2751	1638	2751	213	313	6.200	No	No	189	287	6.339	No	Yes
840	Calibration	301WB	Prescott Street	WB	May-15	MCC	No	1018-2741	1018	2741	143	137	0.485	Yes	Yes	127	123	0.392	Yes	Yes
841	Calibration	301EB	Prescott Street	EB	May-15	MCC	No	2741-1018	2741	1018	90	82	0.763	Yes	Yes	81	80	0.125	Yes	Yes
868	Calibration	302NB	A629 Skircoat Road North	NB	May-15	MCC	No	1015-2376	1015	2376	576	556	0.840	Yes	Yes	466	446	0.953	Yes	Yes
869	Calibration	302SB	A629 Skircoat Road North	SB	May-15	MCC	No	2376-1015	2376	1015	569	502	2.906	Yes	Yes	457	395	3.001	Yes	Yes
878	Calibration	303WB	St Johns Lane	WB	May-15	MCC	No	1025-2375	1025	2375	29	42	2.144	Yes	Yes	25	38	2.367	Yes	Yes
879	Calibration	303EB	St Johns Lane	EB	May-15	MCC	No	2375-1025	2375	1025	45	93	5.788	No	Yes	39	73	4.585	Yes	Yes
885	Calibration	305SB	Commercial Street	SB	May-15	MCC	No	2752-1026	2752	1026	295	127	11.562	No	No	269	105	11.984	No	No
886	Calibration	305NB	Fountain Street	NB	May-15	MCC	No	1026-1497	1026	1497	720	634	3.340	Yes	Yes	594	501	3.952	Yes	Yes
887	Calibration	305SB	Fountain Street	SB	May-15	MCC	No	1497-1026	1497	1026	715	838	4.415	Yes	No	585	702	4.625	Yes	No
888	Calibration	305WB	Trinity Road	WB	May-15	MCC	No	1496-1493	1496	1493	11	79	10.089	No	Yes	9	74	10.006	No	Yes
890	Calibration	305SB	Portland Place	SB	May-15	MCC	No	1496-1025	1496	1025	535	511	1.033	Yes	Yes	423	403	0.984	Yes	Yes
891	Calibration	305NB	Portland Place	NB	May-15	MCC	No	1025-1496	1025	1496	637	610	1.085	Yes	Yes	515	491	1.093	Yes	Yes
892	Calibration	305EB	Horton Street	EB	May-15	MCC	No	1026-2753	1026	2753	381	352	1.533	Yes	Yes	343	320	1.272	Yes	Yes
900	Calibration	306NB	Northgate North	NB	May-15	MCC	No	1030-2777	1030	2777	407	386	1.059	Yes	Yes	357	353	0.239	Yes	Yes
901	Calibration	306SB	Northgate North	SB	May-15	MCC	No	2777-1030	2777	1030	382	374	0.402	Yes	Yes	340	337	0.162	Yes	Yes
902	Calibration	306SB	Northgate South	SB	May-15	MCC	No	1030-2764	1030	2764	342	267	4.301	Yes	Yes	309	253	3.315	Yes	Yes
903	Calibration	306NB	Northgate South	NB	May-15	MCC	No	2764-1030	2764	1030	288	278	0.573	Yes	Yes	253	252	0.065	Yes	Yes
906	Calibration	307NB	North Bridge	NB	May-15	MCC	No	1176-1521	1176	1521	279	273	0.364	Yes	Yes	237	240	0.174	Yes	Yes
907	Calibration	307SB	North Bridge	SB	May-15	MCC	No	1521-1176	1521	1176	285	281	0.239	Yes	Yes	252	258	0.374	Yes	Yes
908	Calibration	307WB	Cross Hills	WB	May-15	MCC	No	1176-1626	1176	1626	298	289	0.514	Yes	Yes	264	267	0.155	Yes	Yes
909	Calibration	307EB	Cross Hills	EB	May-15	MCC	No	1626-1176	1626	1176	225	226	0.085	Yes	Yes	194	194	0.033	Yes	Yes

PM Calibration										ALL VEHICLES										Cars				
ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate ?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?			
1	Calibration		1NB	Crowtress Lane	NB	Jul-13	MCC	No	3176-3175	3176	3175	307	304	0.172	Yes	Yes	274	271	0.168	Yes	Yes			
2	Calibration		1SB	Crowtress Lane	SB	Jul-13	MCC	No	3175-3176	3175	3176	280	270	0.605	Yes	Yes	276	263	0.822	Yes	Yes			
5	Calibration		3EB	Freeschool Lane	EB	02/04/2014 - 16/04/2014	ATC	No	2631-1012	2631	1012	226	210	1.071	Yes	Yes	207	207	0.002	Yes	Yes			
6	Calibration		3WB	Freeschool Lane	WB	02/04/2014 - 16/04/2014	ATC	No	1012-2631	1012	2631	246	343	5.646	No	Yes	226	323	5.885	No	Yes			
7	Calibration		4EB	Skircoat Moor Road	EB	02/04/2014 - 16/04/2014	ATC	No	1390-1009	1390	1009	453	582	5.674	No	No	412	537	5.767	No	No			
8	Calibration		4WB	Skircoat Moor Road	WB	02/04/2014 - 16/04/2014	ATC	No	1009-1390	1009	1390	339	317	1.218	Yes	Yes	309	283	1.504	Yes	Yes			
9	Calibration		5NB	Skircoat Green Road	NB	02/04/2014 - 16/04/2014	ATC	No	1481-1398	1481	1398	164	171	0.511	Yes	Yes	150	160	0.745	Yes	Yes			
10	Calibration		5SB	Skircoat Green Road	SB	02/04/2014 - 16/04/2014	ATC	No	1398-1481	1398	1481	155	176	1.584	Yes	Yes	142	145	0.250	Yes	Yes			
11	Calibration		6EB	A6026 Wakefield Road	EB	02/04/2014 - 16/04/2014	ATC	No	2266-1002	2266	1002	405	530	5.763	No	No	369	459	4.434	Yes	Yes			
12	Calibration		6WB	A6026 Wakefield Road	WB	02/04/2014 - 16/04/2014	ATC	No	1002-2266	1002	2266	413	442	1.398	Yes	Yes	376	393	0.892	Yes	Yes			
21	Calibration		9SB	A629 Skircoat Road/Free School Lane Junction	SB	Apr-14	MCC	No	2381-1014	2381	1014	518	446	3.284	Yes	Yes	464	404	2.889	Yes	Yes			
22	Calibration		9NB	A629 Skircoat Road/Free School Lane Junction	NB	Apr-14	MCC	No	1014-2381	1014	2381	569	613	1.793	Yes	Yes	496	538	1.826	Yes	Yes			
23	Calibration		9WB	A629 Skircoat Road/Free School Lane Junction	WB	Apr-14	MCC	No	1485-1014	1485	1014	272	269	0.194	Yes	Yes	257	256	0.038	Yes	Yes			
24	Calibration		9EB	A629 Skircoat Road/Free School Lane Junction	EB	Apr-14	MCC	No	1014-1485	1014	1485	210	182	2.043	Yes	Yes	191	182	0.649	Yes	Yes			
25	Calibration		9NB	A629 Skircoat Road/Free School Lane Junction	NB	Apr-14	MCC	No	1484-1014	1484	1014	588	562	1.100	Yes	Yes	512	487	1.127	No	Yes			
26	Calibration		9SB	A629 Skircoat Road/Free School Lane Junction	SB	Apr-14	MCC	No	1014-1484	1014	1484	512	374	6.571	No	No	464	332	6.629	No	No			
31	Calibration		10SWB	A629 Skircoat Road/Huddersfield Road Junction	SWB	Apr-14	MCC	No	1485-1484	1485	1484	336	398	3.217	Yes	Yes	325	375	2.682	Yes	Yes			
32	Calibration		10NEB	A629 Skircoat Road/Huddersfield Road Junction	NEB	Apr-14	MCC	No	1484-1485	1484	1485	373	328	2.307	Yes	Yes	339	327	0.682	Yes	Yes			
37	Calibration		11NB	A629 Huddersfield Road/Skircoat Green Road Junction	NB	Apr-14	MCC	No	2630-1011	2630	1011	885	820	2.233	Yes	Yes	782	744	1.366	Yes	Yes			
38	Calibration		11SB	A629 Huddersfield Road/Skircoat Green Road Junction	SB	Apr-14	MCC	No	1011-2630	1011	2630	848	771	2.693	Yes	Yes	790	708	2.999	Yes	Yes			
51	Calibration		14SB	A629 Huddersfield Road/A646 Dry Clough Lane	SB	Apr-14	MCC	No	2386-1008	2386	1008	774	718	2.031	Yes	Yes	715	661	2.059	Yes	Yes			
52	Calibration		14NB	A629 Huddersfield Road/A646 Dry Clough Lane	NB	Apr-14	MCC	No	1008-2386	1008	2386	910	834	2.581	Yes	Yes	815	765	1.806	Yes	Yes			
57	Calibration		15SB	A629 Huddersfield Road/Dudwell Lane	SB	Apr-14	MCC	No	2390-1483	2390	1483	1086	1165	2.351	Yes	Yes	1006	1077	2.220	Yes	Yes			
58	Calibration		15NB	A629 Huddersfield Road/Dudwell Lane	NB	Apr-14	MCC	No	1483-2390	1483	2390	1209	1102	3.140	Yes	Yes	1089	998	2.823	Yes	Yes			
59	Calibration		15SB	A629 Huddersfield Road/Dudwell Lane	SB	Apr-14	MCC	No	2391-1483	2391	1483	1282	1102	5.202	No	Yes	1157	995	4.937	Yes	Yes			
60	Calibration		15NB	A629 Huddersfield Road/Dudwell Lane	NB	Apr-14	MCC	No	1483-2391	1483	2391	1290	1286	0.109	Yes	Yes	1198	1198	0.011	Yes	Yes			
61	Calibration		15EB	A629 Huddersfield Road/Dudwell Lane	EB	Apr-14	MCC	No	1477-1483	1477	1483	282	253	1.756	Yes	Yes	263	253	0.619	Yes	Yes			
62	Calibration		15WB	A629 Huddersfield Road/Dudwell Lane	WB	Apr-14	MCC	No	1483-1477	1483	1477	151	132	1.610	Yes	Yes	139	128	0.954	Yes	Yes			
63	Calibration		16WB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	WB	Apr-14	MCC	No	1008-2387	1008	2387	364	318	2.476	Yes	Yes	334	282	2.937	Yes	Yes			
64	Calibration		16EB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	EB	Apr-14	MCC	No	2387-1008	2387	1008	308	497	9.390	No	No	283	465	9.448	No	No			
71	Calibration		17WB	A646 Dry Clough Lane/Skircoat Green Road	WB	Apr-14	MCC	No	2385-1009	2385	1009	391	350	2.143	Yes	Yes	365	321	2.347	Yes	Yes			
72	Calibration		17EB	A646 Dry Clough Lane/Skircoat Green Road	EB	Apr-14	MCC	No	1009-2385	1009	2385	284	377	5.133	No	Yes	257	350	5.353	No	Yes			
73	Calibration		17NB	A646 Dry Clough Lane/Skircoat Green Road	NB	Apr-14	MCC	No	1396-1009	1396	1009	342	348	0.331	Yes	Yes	312	335	1.241	Yes	Yes			
74	Calibration		17SB	A646 Dry Clough Lane/Skircoat Green Road	SB	Apr-14	MCC	No	1009-1396	1009	1396	557	559	0.051	Yes	Yes	523	525	0.109	Yes	Yes			
81	Calibration		19SB	Skircoat Green Road/Heath Road	SB	Apr-14	MCC	No	1401-1010	1401	1010	357	316	2.223	Yes	Yes	334	303	1.735	Yes	Yes			
82	Calibration		19NB	Skircoat Green Road/Heath Road	NB	Apr-14	MCC	No	1010-1401	1010	1401	220	235	0.961	Yes	Yes	211	227	1.062	Yes	Yes			
83	Calibration		19SB	Skircoat Green Road/Heath Road	SB	Apr-14	MCC	No	1399-1010	1399	1010	29	49	3.223	Yes	Yes	26	46	3.351	Yes	Yes			
84	Calibration		19NB	Skircoat Green Road/Heath Road	NB	Apr-14	MCC	No	1010-1399	1010	1399	82	80	0.217	Yes	Yes	75	80	0.547	Yes	Yes			
87	Calibration		20SB	Heath Road/Free School Lane	SB	Apr-14	MCC	No	2382-1012	2382	1012	332	423	4.692	Yes	Yes	311	403	4.873	Yes	Yes			
88	Calibration		20NB	Heath Road/Free School Lane	NB	Apr-14	MCC	No	1012-2382	1012	2382	209	226	1.159	Yes	Yes	196	218	1.525	Yes	Yes			
98	Calibration		24NB	M62 approaching Clough Lane	NB	Jun-14	TRADS	No	3406-3408	3406	3408	3582	3590	0.126	Yes	Yes	3046	3054	0.143	Yes	Yes			
99	Calibration		25SB	M62 after Clough Lane	SB	Jun-14	TRADS	No	3409-3407	3409	3407	4477	4382	1.431	Yes	Yes	3911	3819	1.476	Yes	Yes			
110	Calibration		33SB	A629 Calderdale Way	SB	Jun-14	ANPR	No	3265-3266	3265	3266	500	398	4.831	Yes	No	466	364	5.026	No	No			
111	Calibration		33NB	A629 Calderdale Way	NB	Jun-14	ANPR	No	3257-3264	3257	3264	245	240	0.312	Yes	Yes	233	224	0.576	Yes	Yes			
112	Calibration		34SWB	Lowfields Way	SWB	Jun-14	ANPR	No	3923-3331	3923	3331	521	521	0.012	Yes	Yes	500	500	0.001	Yes	Yes			
113	Calibration		34NEB	Lowfields Way	NEB	Jun-14	ANPR	No	3331-3923	3331	3923	128	141	1.132	Yes	Yes	83	116	3.300	Yes	Yes			
122	Calibration		39EB	B6113 Saddleworth Road	EB	Jun-14	ATC	No	3517-3527	3517	3527	159	165	0.494	Yes	Yes	152	153	0.108	Yes	Yes			
123	Calibration		39WB	B6113 Saddleworth Road	WB	Jun-14	ATC	No	3527-3517	3527	3517	282	216	4.186	Yes	Yes	271	190	5.343	No	Yes			
124	Calibration		40NB	A629 Huddersfield Road	NB	Jun-14	ATC	No	3300-3296	3300	3296	921	1356	12.879	No	No	844	1217	11.602	No	No			
125	Calibration		41SB	Calderdale Way at bus stop	SB	Jun-14	ATC	No	3286-3292	3286	3292	928	908	0.659	Yes	Yes	872	828	1.499	Yes	Yes			
127	Calibration		43NB	Site 17 - Bradford Road	NB	Jun-14	ATC/RSI	No	3944-3195	3944	3195	631	630	0.022	Yes	Yes	558	556	0.084	Yes	Yes			
134	Calibration		50SEB	Site 9 - New Road	SEB	Jun-14	ATC/RSI	No	3888-3886	3888	3886	132	157	2.103	Yes	Yes	123	148	2.154	Yes	Yes			
142	Calibration		57NEB	Site 18 - Wade House Road	NEB	Jun-14	ATC/RSI	No	3235-4404	3235	4404	737	756	0.685	Yes	Yes	671	669	0.097	Yes	Yes			
143	Calibration		58SB	Site 19 - A644 Brighouse & Denholme Gate Road	SB	Jun-14	ATC/RSI	No	1238-1452	1238	1452	641	707	2.525	Yes	Yes	565	635	2.850	Yes	Yes			
145	Calibration		59NB	Site 3 - Moor End Road (2016 update)	NB	28-11-2013 to 06-12-2013	ATC/RSI	No	1046-2317	1046	2317	228	145	6.075	No	Yes	211	131	6.108	No	Yes			
146	Calibration		59SB	Site 3 - Moor End Road (2016 update)	SB	28-11-2013 to 06-12-2013	ATC/RSI	No	2317-1046	2317	1046	147	184	2.837	Yes	Yes	131	166	2.877	Yes	Yes			
147	Calibration		60NB	A58 Kings Cross Road	NB	12-06-2013 to 20-06-2013	ATC	No	1584-1594	1584	1594	900	913	0.425	Yes	Yes	819	831	0.430	Yes	Yes			
148	Calibration		60SB	A58 Kings Cross Road	SB	12-06-2013 to 20-06-2013	ATC	No	1594-1584	1594	1584	1157	1279	3.492	Yes	Yes	1052	1165	3.394	Yes	Yes			
149	Calibration		61NEB	A58 Calder Bridge	NEB	20-06-2013 to 01-07-2013	ATC	No	1113-2275	1113	2275	675	525	6.122	No	No	614	488	5.382	No	No			
150	Calibration		61SWB	A58 Calder Bridge	SWB	20-06-2013 to 01-07-2013	ATC	No	2275-1113	2275	1113	903	728	6.126	No	No	822	693	4.690	Yes	No			
153	Calibration		63EB	A58 West of Hipperholme	EB	10-07-2013 to 26-07-2013	ATC	No	1168-4238	1168	4238	671	676	0.190	Yes	Yes	610	668	2.267	Yes	Yes			
154	Calibration		63WB	A58 West of Hipperholme	WB	10-07-2013 to 26-07-2013	ATC	No	4238-1168	4238	1168	713	641	2.782	Yes	Yes	649	617	1.271	Yes	Yes			
155	Calibration		64EB	A6025 Park Road	EB	05-07-2013 to 15-07-2013	ATC	No	3244-3243	3244	3243	550	522	1.222	Yes	Yes	500	472	1.298	Yes	Yes			
156	Calibration		65WB	A6025 Park Road	WB	05-07-2013 to 15-07-2013	ATC	No	3243-3244	3243	3244	592	569	0.978	Yes	Yes	539	536	0.129	Yes	Yes			
159	Calibration		68EB	A6026 Wakefield Road	EB	20-06-2013 to 01-07-2013	ATC	No	1355-1354	1355	1354	355	443											

162	Calibration	71SB	A6033 South of Todmorden	SB	22-07-2013 to 30-07-2013	ATC	No	4927-4251	4927	4251	293	295	0.148	Yes	Yes	266	269	0.152	Yes	Yes
163	Calibration	72NB	A6033 Keighley Road Peckett Well	NB	07-02-2013 to 18-02-2013	ATC	No	3753-3754	3753	3754	158	165	0.531	Yes	Yes	144	151	0.582	Yes	Yes
164	Calibration	73SB	A6033 Keighley Road Peckett Well	SB	07-02-2013 to 18-02-2013	ATC	No	3754-3753	3754	3753	149	150	0.046	Yes	Yes	136	136	0.006	Yes	Yes
165	Calibration	74NB	A6036 North of Northowram	NB	10-07-2013 to 18-07-2013	ATC	No	1167-1234	1167	1234	543	528	0.683	Yes	Yes	494	485	0.424	Yes	Yes
166	Calibration	75SB	A6036 North of Northowram	SB	10-07-2013 to 18-07-2013	ATC	No	1234-1167	1234	1167	579	592	0.522	Yes	Yes	527	543	0.706	Yes	Yes
167	Calibration	76EB	Site 11 - A6107 Clough Lane (2016 update)	EB	15-07-2013 to 23-07-2013	ATC/RSI	No	3137-3135	3137	3135	739	698	1.513	Yes	Yes	690	663	1.041	Yes	Yes
168	Calibration	77WB	Site 11 - A6107 Clough Lane (2016 update)	WB	15-07-2013 to 23-07-2013	ATC/RSI	No	3135-3137	3135	3137	864	579	10.612	No	No	780	533	9.658	No	No
169	Calibration	78NB	A6139 Tuel Lane	NB	20-06-2013 to 01-07-2013	ATC	No	1356-1112	1356	1112	397	416	0.972	Yes	Yes	361	381	1.042	Yes	Yes
170	Calibration	79SB	A6139 Tuel Lane	SB	20-06-2013 to 01-07-2013	ATC	No	1112-1356	1112	1356	447	427	0.989	Yes	Yes	407	388	0.943	Yes	Yes
171	Calibration	80NB	A629 Halifax Causeway Foot	NB	11-04-2013 to 22-04-2013	ATC	No	4016-1247	4016	1247	516	516	0.030	Yes	Yes	470	469	0.026	Yes	Yes
172	Calibration	80SB	A629 Halifax Causeway Foot	SB	11-04-2013 to 22-04-2013	ATC	No	1247-4016	1247	4016	465	470	0.233	Yes	Yes	423	427	0.171	Yes	Yes
175	Calibration	82NB	Site 12 - A641 South of Brighouse (2016 update)	NB	02-07-2014 to 21-07-2014	ATC/RSI	No	3133-3132	3133	3132	865	865	0.004	Yes	Yes	804	808	0.142	Yes	Yes
176	Calibration	82SB	Site 12 - A641 South of Brighouse (2016 update)	SB	02-07-2014 to 21-07-2014	ATC/RSI	No	3132-3133	3132	3133	913	1016	3.298	Yes	Yes	841	944	3.441	Yes	Yes
181	Calibration	85NB	Site 10 - A643 South of Rastrick (2016 update)	NB	08-07-2013 to 16-07-2013	ATC/RSI	No	3173-4291	3173	4291	440	388	2.563	Yes	Yes	400	350	2.600	Yes	Yes
182	Calibration	85SB	Site 10 - A643 South of Rastrick (2016 update)	SB	08-07-2013 to 16-07-2013	ATC/RSI	No	4291-3173	4291	3173	619	425	8.482	No	No	566	403	7.388	No	No
183	Calibration	86NB	A643 Cleckheaton Road	NB	05-07-2013 to 15-07-2013	ATC	No	3068-3070	3068	3070	405	410	0.215	Yes	Yes	369	374	0.271	Yes	Yes
184	Calibration	86SB	A643 Cleckheaton Road	SB	05-07-2013 to 15-07-2013	ATC	No	3070-3068	3070	3068	364	345	1.041	Yes	Yes	331	323	0.486	Yes	Yes
187	Calibration	88EB	A644 Commercial Street	EB	02-07-2014 to 11-07-2014	ATC	No	3042-3942	3042	3942	849	795	1.884	Yes	Yes	772	737	1.291	Yes	Yes
188	Calibration	88WB	A644 Commercial Street	WB	02-07-2014 to 11-07-2014	ATC	No	3942-3042	3942	3042	919	845	2.512	Yes	Yes	836	824	0.410	Yes	Yes
189	Calibration	89NB	A644 North of Brighouse	NB	05-07-2013 to 15-07-2013	ATC	No	3169-3205	3169	3205	460	461	0.065	Yes	Yes	418	418	0.002	Yes	Yes
190	Calibration	89SB	A644 North of Brighouse	SB	05-07-2013 to 15-07-2013	ATC	No	3205-3169	3205	3169	439	435	0.214	Yes	Yes	399	396	0.154	Yes	Yes
193	Calibration	91WB	Site 13 - A644 Wakefield Road (2016 update)	WB	08-07-2013 to 16-07-2013	ATC/RSI	No	3097-3095	3097	3095	443	337	5.340	No	No	367	291	4.192	Yes	Yes
194	Calibration	91EB	Site 13 - A644 Wakefield Road (2016 update)	EB	08-07-2013 to 16-07-2013	ATC/RSI	No	3095-3097	3095	3097	769	884	3.985	Yes	Yes	670	766	3.599	Yes	Yes
195	Calibration	92NB	A646 West of Todmorden	NB	06-08-2014 to 15-08-2014	ATC	No	3684-3687	3684	3687	229	228	0.060	Yes	Yes	208	207	0.084	Yes	Yes
196	Calibration	92SB	A646 West of Todmorden	SB	06-08-2014 to 15-08-2014	ATC	No	3687-3684	3687	3684	277	278	0.050	Yes	Yes	252	252	0.021	Yes	Yes
197	Calibration	93NB	Skircoat Moor Road	NB	12-06-2013 to 20-06-2013	ATC	No	2294-1064	2294	1064	554	525	1.276	Yes	Yes	504	471	1.495	Yes	Yes
198	Calibration	93SB	Skircoat Moor Road	SB	12-06-2013 to 20-06-2013	ATC	No	1064-2294	1064	2294	541	532	0.415	Yes	Yes	492	487	0.224	Yes	Yes
199	Calibration	94EB	A646 Burnley Road	EB	12-06-2013 to 20-06-2013	ATC	No	1428-1080	1428	1080	421	472	2.418	Yes	Yes	383	421	1.903	Yes	Yes
200	Calibration	94WB	A646 Burnley Road	WB	12-06-2013 to 20-06-2013	ATC	No	1080-1428	1080	1428	635	628	0.282	Yes	Yes	578	574	0.139	Yes	Yes
201	Calibration	95EB	A646 Halifax Road	EB	01-02-2013 to 07-02-2013	ATC	No	3662-3659	3662	3659	385	383	0.078	Yes	Yes	350	347	0.141	Yes	Yes
202	Calibration	95WB	A646 Halifax Road	WB	01-02-2013 to 07-02-2013	ATC	No	3659-3662	3659	3662	485	485	0.029	Yes	Yes	441	438	0.147	Yes	Yes
207	Calibration	98NB	A647 Halifax Road	NB	27-06-2013 to 05-07-2013	ATC	No	1036-1243	1036	1243	495	347	7.226	No	No	451	330	6.118	No	No
208	Calibration	98SB	A647 Halifax Road	SB	27-06-2013 to 05-07-2013	ATC	No	1243-1036	1243	1036	344	346	0.081	Yes	Yes	313	291	1.254	Yes	Yes
209	Calibration	99EB	A649 Lightcliffe	EB	15-07-2013 to 23-07-2013	ATC	No	3218-3221	3218	3221	433	523	4.077	Yes	Yes	394	477	3.940	Yes	Yes
210	Calibration	99WB	A649 Lightcliffe	WB	15-07-2013 to 23-07-2013	ATC	No	3221-3218	3221	3218	392	398	0.348	Yes	Yes	356	355	0.084	Yes	Yes
211	Calibration	100EB	Site 15 - A649 Hartshead Moor Top / Birkby Lane (2016 update)	EB	15-07-2013 to 23-07-2013	ATC/RSI	No	3082-3073	3082	3073	331	408	4.053	Yes	Yes	299	360	3.328	Yes	Yes
212	Calibration	100WB	Site 15 - A649 Hartshead Moor Top / Birkby Lane (2016 update)	WB	15-07-2013 to 23-07-2013	ATC/RSI	No	3073-3082	3073	3082	353	509	7.542	No	No	312	407	8.025	No	No
213	Calibration	101EB	A672 SW of Ripponden	EB	26-07-2013 to 05-08-2013	ATC	No	3573-3574	3573	3574	298	301	0.153	Yes	Yes	271	274	0.143	Yes	Yes
214	Calibration	101WB	A672 SW of Ripponden	WB	26-07-2013 to 05-08-2013	ATC	No	3574-3573	3574	3573	210	212	0.141	Yes	Yes	191	191	0.011	Yes	Yes
215	Calibration	102NB	Site 7 - Stainland Road (2016 update)	NB	19-06-2013 to 27-06-2013	ATC/RSI	No	3495-1667	3495	1667	755	733	0.793	Yes	Yes	685	657	1.075	Yes	Yes
216	Calibration	102SB	Site 7 - Stainland Road (2016 update)	SB	19-06-2013 to 27-06-2013	ATC/RSI	No	1667-3495	1667	3495	696	604	3.614	Yes	Yes	648	556	3.768	Yes	Yes
221	Calibration	105NB	B6114 Ringstone Edge Moor	NB	29-07-2013 to 06-08-2013	ATC	No	3732-3731	3732	3731	41	162	11.941	No	No	38	145	11.168	No	No
222	Calibration	105SB	B6114 Ringstone Edge Moor	SB	29-07-2013 to 06-08-2013	ATC	No	3731-3732	3731	3732	56	94	4.440	Yes	Yes	51	88	4.417	Yes	Yes
223	Calibration	106NB	Bradshaw Lane	NB	12-03-2013 to 21-03-2013	ATC	No	7104-1318	7104	1318	144	138	0.552	Yes	Yes	132	126	0.575	Yes	Yes
224	Calibration	106SB	Bradshaw Lane	SB	12-03-2013 to 21-03-2013	ATC	No	1318-7104	1318	7104	161	177	1.207	Yes	Yes	148	158	0.859	Yes	Yes
225	Calibration	107EB	Long Causeway	EB	22-07-2013 to 30-07-2013	ATC	No	3846-3845	3846	3845	59	56	0.458	Yes	Yes	55	55	0.063	Yes	Yes
226	Calibration	107WB	Long Causeway	WB	22-07-2013 to 30-07-2013	ATC	No	3845-3846	3845	3846	38	39	0.104	Yes	Yes	35	35	0.016	Yes	Yes
229	Calibration	109NB	Slip onto Burdock Way	NB	03-06-2013 to 12-06-2013	ATC	No	4422-1556	4422	1556	551	552	0.018	Yes	Yes	502	506	0.189	Yes	Yes
230	Calibration	110EB	Windy Bank Lane	EB	05-07-2013 to 15-07-2013	ATC	No	4008-1241	4008	1241	147	154	0.554	Yes	Yes	135	137	0.185	Yes	Yes
231	Calibration	110WB	Windy Bank Lane	WB	05-07-2013 to 15-07-2013	ATC	No	1241-4008	1241	4008	139	141	0.192	Yes	Yes	127	122	0.430	Yes	Yes
232	Calibration	111EB	Lee Bridge	EB	17-06-2014 to 25-06-2014	ATC	No	1632-1631	1632	1631	261	234	1.691	Yes	Yes	239	220	1.274	Yes	Yes
233	Calibration	111WB	Lee Bridge	WB	17-06-2014 to 25-06-2014	ATC	No	1631-1632	1631	1632	500	409	4.258	Yes	Yes	458	407	2.442	Yes	Yes
240	Calibration	115NB	Church Lane	NB	05-07-2013 to 15-07-2013	ATC	No	3362-1007	3362	1007	341	427	4.416	Yes	Yes	312	382	3.724	Yes	Yes
241	Calibration	115SB	Church Lane	SB	05-07-2013 to 15-07-2013	ATC	No	1007-3362	1007	3362	276	278	0.115	Yes	Yes	253	255	0.124	Yes	Yes
242	Calibration	116NB	B6138 Cragg Vale	NB	06-08-2014 to 15-08-2014	ATC	No	3647-3612	3647	3612	152	155	0.249	Yes	Yes	139	139	0.072	Yes	Yes
243	Calibration	116SB	B6138 Cragg Vale	SB	06-08-2014 to 15-08-2014	ATC	No	3612-3647	3612	3647	171	162	0.700	Yes	Yes	157	157	0.047	Yes	Yes
246	Calibration	118EB	Parkinson Lane	EB	02-06-2014 to 17-06-2014	ATC	No	1110-2340	1110	2340	168	176	0.656	Yes	Yes	154	165	0.915	Yes	Yes
247	Calibration	118WB	Parkinson Lane	WB	02-06-2014 to 17-06-2014	ATC	No	2340-1110	2340	1110	231	226	0.330	Yes	Yes	212	210	0.118	Yes	Yes
248	Calibration	119NB	Stanley Road	NB	17-04-2013 to 25-04-2013	ATC	No	2709-4319	2709	4319	83	73	1.135	Yes	Yes	76	73	0.361	Yes	Yes
249	Calibration	119SB	Stanley Road	SB	17-04-2013 to 25-04-2013	ATC	No	4319-2709	4319	2709	73	67	0.717	Yes	Yes	67	67	0.010	Yes	Yes
250	Calibration	120EB	B6113 Rochdale Road	EB	06-08-2014 to 14-08-2014	ATC	No	3524-3523	3524	3523	193	48	13.248	No	No	177	39	13.270	No	No
251	Calibration	120WB	B6113 Rochdale Road	WB	06-08-2014 to 14-08-2014	ATC	No	3523-3524	3523	3524	146	77	6.548	No	No	134	76	5.683	No	No
252	Calibration	121NB	Site 8 - Elland Bypass (2016 update)	NB	20-06-2013 to 05-07-2013	ATC/RSI	No	3277-1200	3277	1200	1105	1005	3.076	Yes	Yes	977	912	2.107	Yes	Yes
253	Calibration	121SB	Site 8 - Elland Bypass (2016 update)	SB	20-06-2013 to 05-07-2013															

261	Calibration	125WB	Hopwood Lane	WB	04-11-2013 to 13-11-2013	ATC	No	2336-1124	2336	1124	117	110	0.640	Yes	Yes	107	110	0.279	Yes	Yes
264	Calibration	127EB	High Street	EB	04-11-2013 to 13-11-2013	ATC	No	3891-3535	3891	3535	99	223	9.775	No	No	91	209	9.630	No	No
265	Calibration	127WB	High Street	WB	04-11-2013 to 13-11-2013	ATC	No	3535-3891	3535	3891	111	279	12.016	No	No	102	270	12.343	No	No
266	Calibration	128EB	Broad Carr Lane	EB	05-11-2013 to 13-11-2013	ATC	No	3504-3503	3504	3503	106	145	3.515	Yes	Yes	97	136	3.611	Yes	Yes
267	Calibration	128WB	Broad Carr Lane	WB	05-11-2013 to 13-11-2013	ATC	No	3503-3504	3503	3504	239	292	3.260	Yes	Yes	219	284	4.106	Yes	Yes
268	Calibration	129EB	Albert Road	EB	25-11-2013 to 03-12-2013	ATC	No	2303-1071	2303	1071	107	98	0.869	Yes	Yes	98	98	0.010	Yes	Yes
269	Calibration	129WB	Albert Road	WB	25-11-2013 to 03-12-2013	ATC	No	1071-2303	1071	2303	167	179	0.885	Yes	Yes	153	165	0.958	Yes	Yes
274	Calibration	132EB	Pellon New Road	EB	28-11-2013 to 06-12-2013	ATC	No	1121-2402	1121	2402	250	249	0.040	Yes	Yes	229	228	0.054	Yes	Yes
275	Calibration	132WB	Pellon New Road	WB	28-11-2013 to 06-12-2013	ATC	No	2402-1121	2402	1121	351	324	1.433	Yes	Yes	321	299	1.281	Yes	Yes
276	Calibration	133EB	Roils Head Road	EB	25-11-2013 to 03-12-2013	ATC	No	1133-2295	1133	2295	70	113	4.512	Yes	Yes	64	102	4.163	Yes	Yes
277	Calibration	133WB	Roils Head Road	WB	25-11-2013 to 03-12-2013	ATC	No	2295-1133	2295	1133	116	152	3.101	Yes	Yes	106	136	2.739	Yes	Yes
278	Calibration	134NB	Claremount Road	NB	07-11-2013 to 15-11-2013	ATC	No	2399-1203	2399	1203	221	215	0.418	Yes	Yes	203	196	0.475	Yes	Yes
279	Calibration	134SB	Claremount Road	SB	07-11-2013 to 15-11-2013	ATC	No	1203-2399	1203	2399	172	173	0.048	Yes	Yes	158	160	0.182	Yes	Yes
282	Calibration	136NB	Jepson Lane	NB	13-11-2013 to 22-11-2013	ATC	No	3371-4408	3371	4408	384	378	0.327	Yes	Yes	352	354	0.086	Yes	Yes
283	Calibration	136SB	Jepson Lane	SB	13-11-2013 to 22-11-2013	ATC	No	4408-3371	4408	3371	337	331	0.337	Yes	Yes	309	303	0.373	Yes	Yes
284	Calibration	137EB	Elland Lane	EB	14-11-2013 to 22-11-2013	ATC	No	3334-3335	3334	3335	501	495	0.267	Yes	Yes	460	456	0.182	Yes	Yes
285	Calibration	137WB	Elland Lane	WB	14-11-2013 to 22-11-2013	ATC	No	3335-3334	3335	3334	242	148	6.710	No	Yes	222	140	6.082	No	Yes
290	Calibration	140EB	A58 Kings Cross Road	EB	01-06-2014 to 30-06-2014	ATC	No	1431-2365	1431	2365	710	718	0.282	Yes	Yes	646	650	0.163	Yes	Yes
291	Calibration	140WB	A58 Kings Cross Road	WB	01-06-2014 to 30-06-2014	ATC	No	2365-1431	2365	1431	738	746	0.284	Yes	Yes	671	676	0.179	Yes	Yes
292	Calibration	141EB	A58 Rochdale Road	EB	08-01-2014 to 16-01-2014	ATC	No	3588-3587	3588	3587	121	134	1.177	Yes	Yes	110	121	1.061	Yes	Yes
293	Calibration	141WB	A58 Rochdale Road	WB	08-01-2014 to 16-01-2014	ATC	No	3587-3588	3587	3588	157	169	0.967	Yes	Yes	143	153	0.843	Yes	Yes
294	Calibration	142NB	A629 Skircoat Road	NB	01-06-2014 to 30-06-2014	ATC	No	2369-1013	2369	1013	698	821	4.475	Yes	No	635	756	4.605	Yes	No
295	Calibration	142SB	A629 Skircoat Road	SB	01-06-2014 to 30-06-2014	ATC	No	1013-2369	1013	2369	865	857	0.272	Yes	Yes	787	772	0.555	Yes	Yes
296	Calibration	143EB	A646 Market Street	EB	08-01-2014 to 16-01-2014	ATC	No	3635-3633	3635	3633	524	522	0.099	Yes	Yes	477	474	0.110	Yes	Yes
297	Calibration	143WB	A646 Market Street	WB	08-01-2014 to 16-01-2014	ATC	No	3633-3635	3633	3635	763	761	0.070	Yes	Yes	694	691	0.097	Yes	Yes
298	Calibration	144EB	A646 Burnley Road	EB	01-03-2014 to 10-03-2014	ATC	No	3614-3606	3614	3606	620	647	1.079	Yes	Yes	564	576	0.518	Yes	Yes
299	Calibration	144WB	A646 Burnley Road	WB	01-03-2014 to 10-03-2014	ATC	No	3606-3614	3606	3614	701	701	0.006	Yes	Yes	637	637	0.013	Yes	Yes
300	Calibration	145NB	B6113 Elland Road	NB	08-01-2014 to 16-01-2014	ATC	No	3729-3584	3729	3584	335	352	0.935	Yes	Yes	307	318	0.635	Yes	Yes
301	Calibration	145SB	B6113 Elland Road	SB	08-01-2014 to 16-01-2014	ATC	No	3584-3729	3584	3729	344	349	0.301	Yes	Yes	315	325	0.541	Yes	Yes
308	Calibration	149NB	Shay Syke	NB	01-06-2014 to 30-06-2014	ATC	No	2379-1016	2379	1016	485	530	1.983	Yes	Yes	445	521	3.454	Yes	Yes
309	Calibration	149SB	Shay Syke	SB	01-06-2014 to 30-06-2014	ATC	No	1016-2379	1016	2379	737	693	1.674	Yes	Yes	676	658	0.689	Yes	Yes
310	Calibration	150EB	Coal Pit Lane	EB	28-02-2014 to 10-03-2014	ATC	No	4096-4095	4096	4095	251	189	4.179	Yes	Yes	230	168	4.397	Yes	Yes
311	Calibration	150WB	Coal Pit Lane	WB	28-02-2014 to 10-03-2014	ATC	No	4095-4096	4095	4096	57	53	0.492	Yes	Yes	52	49	0.430	Yes	Yes
315	Calibration	153SB	Site 17 - Bradford Road	SB	Jun-14	ATC/RSI	No	3195-3944	3195	3944	729	683	1.714	Yes	Yes	674	627	1.828	Yes	Yes
322	Calibration	160NWB	Site 9 - New Road	NWB	Jun-14	ATC/RSI	No	3886-3888	3886	3888	213	227	0.937	Yes	Yes	195	209	0.977	Yes	Yes
330	Calibration	167SWB	Site 18 - Wade House Road	SWB	Jun-14	ATC/RSI	No	4404-3235	4404	3235	963	1000	1.179	Yes	Yes	886	915	0.950	Yes	Yes
331	Calibration	168NB	Site 19 - A644 Brighouse & Denholme Gate Road	NB	Jun-14	ATC/RSI	No	1452-1238	1452	1238	696	754	2.142	Yes	Yes	604	686	3.232	Yes	Yes
341	Calibration	171NB	Hammerstone Road	NB	Oct-14	MCC	No	3477-3489	3477	3489	263	245	1.122	Yes	Yes	235	229	0.358	Yes	Yes
342	Calibration	171SB	Hammerstone Road	SB	Oct-14	MCC	No	3489-3477	3489	3477	153	167	1.109	Yes	Yes	135	149	1.174	Yes	Yes
347	Calibration	171EB	Victoria Road	EB	Oct-14	MCC	No	3477-4036	3477	4036	228	230	0.129	Yes	Yes	198	203	0.339	Yes	Yes
348	Calibration	171WB	Victoria Road	WB	Oct-14	MCC	No	4036-3477	4036	3477	525	521	0.167	Yes	Yes	491	491	0.035	Yes	Yes
349	Calibration	172EB	Saddleworth Road (W)	EB	Oct-14	MCC	No	3509-3948	3509	3948	482	434	2.233	Yes	Yes	431	400	1.508	Yes	Yes
350	Calibration	172WB	Saddleworth Road (W)	WB	Oct-14	MCC	No	3948-3509	3948	3509	294	310	0.874	Yes	Yes	262	277	0.916	Yes	Yes
351	Calibration	172NB	Stainland Road (S)	NB	Oct-14	MCC	No	7002-3948	7002	3948	549	545	0.174	Yes	Yes	486	487	0.049	Yes	Yes
352	Calibration	172SB	Stainland Road (S)	SB	Oct-14	MCC	No	3948-7002	3948	7002	485	475	0.434	Yes	Yes	441	433	0.386	Yes	Yes
357	Calibration	173EB	Rochdale Road (W)	EB	Oct-14	MCC	No	3496-3947	3496	3947	411	395	0.814	Yes	Yes	376	355	1.103	Yes	Yes
358	Calibration	173WB	Rochdale Road (W)	WB	Oct-14	MCC	No	3947-3496	3947	3496	333	323	0.541	Yes	Yes	303	296	0.413	Yes	Yes
375	Calibration	175EB	Victoria Road (W)	EB	Oct-14	MCC	No	3373-3370	3373	3370	272	269	0.136	Yes	Yes	235	237	0.105	Yes	Yes
376	Calibration	175WB	Victoria Road (W)	WB	Oct-14	MCC	No	3370-3373	3370	3373	499	442	2.671	Yes	Yes	466	416	2.395	Yes	Yes
384	Calibration	177SB	Huddersfield Road (N)	SB	Oct-14	MCC	No	4207-4208	4207	4208	135	1	16.233	No	No	127	0	15.925	No	No
385	Calibration	177EB	Southgate	EB	Oct-14	MCC	No	4407-4208	4407	4208	312	302	0.598	Yes	Yes	280	274	0.375	Yes	Yes
386	Calibration	177WB	Southgate	WB	Oct-14	MCC	No	4208-4407	4208	4407	672	616	2.204	Yes	Yes	628	573	2.255	Yes	Yes
387	Calibration	177NB	Catherine Street	NB	Oct-14	MCC	No	3387-3913	3387	3913	50	49	0.074	Yes	Yes	45	45	0.069	Yes	Yes
388	Calibration	177SB	Catherine Street	SB	Oct-14	MCC	No	3913-3387	3913	3387	92	136	4.094	Yes	Yes	81	136	5.238	No	Yes
389	Calibration	177NB	Huddersfield Road (S)	NB	Oct-14	MCC	No	3376-3913	3376	3913	493	461	1.434	Yes	Yes	449	449	0.004	Yes	Yes
390	Calibration	177SB	Huddersfield Road (S)	SB	Oct-14	MCC	No	3913-3376	3913	3376	465	501	1.661	Yes	Yes	418	439	1.025	Yes	Yes
397	Calibration	178EB	Dewsbury Road	EB	Oct-14	MCC	No	3192-3191	3192	3191	511	530	0.834	Yes	Yes	473	491	0.821	Yes	Yes
398	Calibration	178WB	Dewsbury Road	WB	Oct-14	MCC	No	3191-3192	3191	3192	404	495	4.296	Yes	Yes	367	455	4.361	Yes	Yes
399	Calibration	179NB	Elland Riorges Link (N)	NB	Oct-14	MCC	No	3912-3330	3912	3330	426	404	1.079	Yes	Yes	391	379	0.640	Yes	Yes
400	Calibration	179SB	Elland Riorges Link (N)	SB	Oct-14	MCC	No	3330-3912	3330	3912	1174	1079	2.849	Yes	Yes	1073	1003	2.192	Yes	Yes
409	Calibration	180EB	Briggate	EB	Oct-14	MCC	No	3249-3250	3249	3250	462	467	0.223	Yes	Yes	418	421	0.119	Yes	Yes
410	Calibration	180WB	Briggate	WB	Oct-14	MCC	No	3250-3249	3250	3249	838	847	0.297	Yes	Yes	763	772	0.320	Yes	Yes
414	Calibration	181WB	Halifax Road	WB	Oct-14	MCC	No	3248-3281	3248	3281	289	16	22.147	No	No	270	12	21.704	No	No
415	Calibration	181NB	Elland Bridge	NB	Oct-14	MCC	No	3249-3248	3249	3248	712	696	0.581	Yes	Yes	639	629	0.411	Yes	Yes
416	Calibration	181SB	Elland Bridge	SB	Oct-14	MCC	No	3248-3249	3248	3249	588	679	3.624	Yes	Yes	544	636	3.787	Yes	Yes
419	Calibration	182NB	Exley Lane	NB	Oct-14	MCC	No	3247-3356	3247	3356	219	367	8.620	No	No	189	332	8.828	No	No
420	Calibration	182SB	Exley Lane	SB	Oct-14	MCC	No	3356-3247	3356	3247	345	328	0.901	Yes	Yes	316	297	1.088	Yes	Yes
423	Calibration	182NEB	Park Road (N)	NEB	Oct-14	MCC	No	3247-3246	3247	3246	577	539	1.590	Yes	Yes	519	488	1.417	Yes	Yes
424	Calibration																			

429	Calibration	183NB	Jubilee Road	NB	Oct-14	MCC	No	1004-1464	1004	1464	189	191	0.106	Yes	Yes	172	180	0.565	Yes	Yes
430	Calibration	183SB	Jubilee Road	SB	Oct-14	MCC	No	1464-1004	1464	1004	231	347	6.838	No	No	216	317	6.181	No	No
431	Calibration	184EB	New Hey Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3882-9527	3882	9527	926	1062	4.314	Yes	Yes	862	995	4.341	Yes	No
432	Calibration	184WB	New Hey Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9527-3882	9527	3882	717	963	8.502	No	No	645	883	8.599	No	No
433	Calibration	185EB	Lindley Moor Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3880-9510	3880	9510	453	484	1.465	Yes	Yes	403	435	1.562	Yes	Yes
434	Calibration	185WB	Lindley Moor Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9510-3880	9510	3880	900	779	4.159	Yes	Yes	842	759	2.951	Yes	Yes
435	Calibration	186NB	Halifax Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9507-9261	9507	9261	881	987	3.465	Yes	Yes	813	883	2.391	Yes	Yes
436	Calibration	186SB	Halifax Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9261-9507	9261	9507	1012	916	3.093	Yes	Yes	952	856	3.223	Yes	Yes
437	Calibration	187EB	Grimescar Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3351-9640	3351	9640	211	522	16.257	No	No	199	492	15.763	No	No
438	Calibration	187WB	Grimescar Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9640-3351	9640	3351	312	244	4.077	Yes	Yes	290	234	3.516	Yes	Yes
441	Calibration	189EB	Bradley Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9628-9644	9628	9644	987	309	26.617	No	No	935	277	26.723	No	No
442	Calibration	189WB	Bradley Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9644-9628	9644	9628	745	431	12.970	No	No	695	396	12.787	No	No
455	Calibration	196NB	Leeds Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9564-9656	9564	9656	478	508	1.337	Yes	Yes	438	468	1.401	Yes	Yes
456	Calibration	196SB	Leeds Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9656-9564	9656	9564	575	613	1.553	Yes	Yes	539	575	1.518	Yes	Yes
457	Calibration	197NB	Dewsbury Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9572-9569	9572	9569	443	446	0.106	Yes	Yes	403	405	0.116	Yes	Yes
458	Calibration	197SB	Dewsbury Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9569-9572	9569	9572	407	394	0.652	Yes	Yes	374	360	0.719	Yes	Yes
459	Calibration	198EB	Church Lane	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9568-9654	9568	9654	332	323	0.490	Yes	Yes	306	295	0.633	Yes	Yes
460	Calibration	198WB	Church Lane	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9654-9568	9654	9568	423	430	0.362	Yes	Yes	387	395	0.396	Yes	Yes
465	Calibration	201EB	Halifax Road	EB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9553-9554	9553	9554	389	412	1.160	Yes	Yes	351	370	0.995	Yes	Yes
466	Calibration	201WB	Halifax Road	WB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9554-9553	9554	9553	514	529	0.669	Yes	Yes	467	485	0.831	Yes	Yes
467	Calibration	202NB	Bradford Road	NB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9561-9562	9561	9562	482	476	0.282	Yes	Yes	449	441	0.369	Yes	Yes
468	Calibration	202SB	Bradford Road	SB	12th March 2015 to 22nd April 2015	ATC split by MCC	No	9562-9561	9562	9561	601	575	1.071	Yes	Yes	557	538	0.830	Yes	Yes
471	Calibration	204NB	Oxford Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9564-9655	9564	9655	323	324	0.024	Yes	Yes	303	303	0.003	Yes	Yes
472	Calibration	204SB	Oxford Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9655-9564	9655	9564	268	287	1.118	Yes	Yes	250	261	0.691	Yes	Yes
475	Calibration	206NB	Halifax Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9514-9508	9514	9508	689	500	7.745	No	No	635	448	8.040	No	No
476	Calibration	206SB	Halifax Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9508-9514	9508	9514	726	526	7.976	No	No	679	507	7.062	No	No
477	Calibration	207NB	Birkby Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9646-9645	9646	9645	314	363	2.662	Yes	Yes	301	350	2.695	Yes	Yes
478	Calibration	207SB	Birkby Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9645-9646	9645	9646	194	173	1.520	Yes	Yes	182	162	1.580	Yes	Yes
481	Calibration	209NB	A641 Bradford Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9523-9524	9523	9524	991	975	0.525	Yes	Yes	932	917	0.486	Yes	Yes
482	Calibration	209SB	Bradford Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9524-9523	9524	9523	953	1249	8.915	No	No	904	1187	8.741	No	No
483	Calibration	210NB	Woodhouse Hill	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9627-9642	9627	9642	380	379	0.075	Yes	Yes	358	358	0.031	Yes	Yes
484	Calibration	210SB	Woodhouse Hill	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9642-9627	9642	9627	303	318	0.856	Yes	Yes	289	305	0.878	Yes	Yes
503	Calibration	220EB	Leeds Road	EB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9539-9545	9539	9545	1020	1085	1.977	Yes	Yes	930	989	1.902	Yes	Yes
504	Calibration	220WB	Leeds Road	WB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9545-9539	9545	9539	1063	1170	3.200	Yes	Yes	965	1067	3.188	Yes	Yes
505	Calibration	221NB	Peep Green Road	NB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9550-9551	9550	9551	121	97	2.335	Yes	Yes	115	94	2.066	Yes	Yes
506	Calibration	221SB	Peep Green Road	SB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9551-9550	9551	9550	135	135	0.057	Yes	Yes	124	125	0.008	Yes	Yes
509	Calibration	223NB	Gelderd Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9574-9662	9574	9662	634	597	1.500	Yes	Yes	570	536	1.464	Yes	Yes
510	Calibration	223SB	Gelderd Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9662-9574	9662	9574	1046	666	12.999	No	No	965	621	12.206	No	No
511	Calibration	224NB	Bradford Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9569-9659	9569	9659	582	583	0.051	Yes	Yes	532	534	0.054	Yes	Yes
512	Calibration	224SB	Bradford Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9659-9569	9659	9569	768	754	0.535	Yes	Yes	705	691	0.541	Yes	Yes
515	Calibration	226NB	Wakefield Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	4273-4093	4273	4093	551	575	1.002	Yes	Yes	496	519	0.997	Yes	Yes
516	Calibration	226SB	Wakefield Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	4093-4273	4093	4273	306	488	9.128	No	No	270	447	9.308	No	No
521	Calibration	229NB	Southgate	NB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9519-9518	9519	9518	754	762	0.285	Yes	Yes	711	715	0.151	Yes	Yes
522	Calibration	229SB	Southgate	SB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9518-9519	9518	9519	1428	1546	3.076	Yes	Yes	1354	1469	3.039	Yes	Yes
523	Calibration	230EB	Queensgate	EB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9520-9519	9520	9519	740	746	0.218	Yes	Yes	691	697	0.231	Yes	Yes
524	Calibration	230WB	Queensgate	WB	12th March 2015 to 28th April 2015	ATC split by MCC	No	9519-9520	9519	9520	1238	1140	2.849	Yes	Yes	1161	1087	2.206	Yes	Yes
525	Calibration	231NB	Castlegate	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9521-9262	9521	9262	1307	1267	1.110	Yes	Yes	1221	1181	1.128	Yes	Yes
526	Calibration	231SB	Castlegate	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9262-9521	9262	9521	1215	1110	3.069	Yes	Yes	1145	1042	3.115	Yes	Yes
527	Calibration	232NB	Huddersfield Road	NB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9573-9574	9573	9574	525	497	1.232	Yes	Yes	476	448	1.312	Yes	Yes
528	Calibration	232SB	Huddersfield Road	SB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9574-9573	9574	9573	801	816	0.533	Yes	Yes	749	761	0.465	Yes	Yes
529	Calibration	233NB	Leeds Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9560-9564	9560	9564	606	511	4.005	Yes	Yes	543	479	2.824	Yes	Yes
530	Calibration	233SB	Leeds Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9564-9560	9564	9560	736	487	10.062	No	No	677	456	9.296	No	No
533	Calibration	235EB	Whitehall Road	EB	12th March 2015 to 25th March 2015	ATC split by MCC	No	3469-3453	3469	3453	619	618	0.067	Yes	Yes	555	545	0.404	Yes	Yes
534	Calibration	235WB	Whitehall Road	WB	12th March 2015 to 25th March 2015	ATC split by MCC	No	3454-3469	3454	3469	1089	1059	0.895	Yes	Yes	952	920	1.020	Yes	Yes
539	Calibration	238EB	Kirlees RSI Site 1 New North Road	EB	Tuesday 21st April	ATC/RSI	No	9515-4261	9515	4261	596	453	6.268	No	No	547	427	5.431	No	No
540	Calibration	238WB	Kirlees RSI Site 1 New North Road	WB	Tuesday 21st April	ATC/RSI	No	4261-9515	4261	9515	619	434	8.047	No	No	569	394	7.938	No	No
545	Calibration	241SB	Kirlees RSI Site 3 Trinity Street	SB	Tuesday 21st April	ATC/RSI	No	9513-9262	9513	9262	608	624	0.648	Yes	Yes	579	584	0.631	Yes	Yes
546	Calibration	241NB	Kirlees RSI Site 3 Trinity Street	WB	Tuesday 21st April	ATC/RSI	No	9262-9513	9262	9513	712	776	2.342	Yes	Yes	657	720	2.411	Yes	Yes
547	Calibration	242SB	Kirlees RSI Site 4 Bradford Road	NB	Wednesday 22nd April	ATC/RSI	No	9544-9543	9544	9543	903	912	0.286	Yes	Yes	861	867	0.195	Yes	Yes
548	Calibration	242NB	Kirlees RSI Site 4 Bradford Road	SB	Wednesday 22nd April	ATC/RSI	No	9543-9544	9543	9544	716	823	3.833	Yes	Yes	672	771	3.666	Yes	Yes
549	Calibration	243WB	Kirlees RSI Site 5 Leeds Road	EB	Wednesday 22nd April	ATC/RSI	No	9641-9532	9641	9532	717	791	2.705	Yes	Yes	654	735	3.055	Yes	Yes
550	Calibration	243EB	Kirlees RSI Site 5 Leeds Road	WB	Wednesday 22nd April	ATC/RSI	No	9532-9641	9532	9641	832	839	0.233	Yes	Yes	774	784	0.360	Yes	Yes
562	Calibration	249WB	A58 New Bank	WB	Mar-16	CTC	No	1033-1515	1033	1515	1487	1512	0.627	Yes	Yes	1328	1343	0.411	Yes	Yes
563	Calibration	249EB	A58 New Bank	EB	Mar-16	CTC	No	1514-1033	1514	1033	1607	1637	0.723	Yes	Yes	1466	1496	0.780	Yes	Yes
568	Calibration	249NB	A58 West	NB	Mar-16	CTC	No	1528-1527	1528	1527	1419	1488	1.793	Yes	Yes	1286	1335	1.360	Yes	Yes
569	Calibration	249SB	A58 West	SB	Mar-16	CTC	No	1530-1529	1530	1529										

575	Calibration	250SB	Church Street	SB	Mar-16	CTC	No	1019-2398	1019	2398	634	501	5.560	No	No	604	487	5.019	No	No
578	Calibration	251SB	South Parade	SB	Mar-16	CTC	No	2770-1016	2770	1016	506	470	1.629	Yes	Yes	483	451	1.478	Yes	Yes
579	Calibration	251NB	South Parade	NB	Mar-16	CTC	No	1016-2770	1016	2770	570	502	2.951	Yes	Yes	539	501	1.702	Yes	Yes
584	Calibration	251EB	Hunger Hill	EB	Mar-16	CTC	No	7007-1016	7007	1016	422	418	0.197	Yes	Yes	401	414	0.686	Yes	Yes
585	Calibration	251WB	Hunger Hill	WB	Mar-16	CTC	No	1016-7007	1016	7007	106	135	2.599	Yes	Yes	94	123	2.707	Yes	Yes
588	Calibration	252WB	Prescott Street	WB	Mar-16	CTC	No	2377-1024	2377	1024	503	376	6.047	No	No	472	370	4.968	Yes	No
589	Calibration	252EB	Prescott Street	EB	Mar-16	CTC	No	1024-2377	1024	2377	74	77	0.344	Yes	Yes	71	73	0.275	Yes	Yes
594	Calibration	253SB	Cow Green	SB	Mar-16	CTC	No	7005-1027	7005	1027	840	787	1.844	Yes	Yes	776	720	2.035	Yes	Yes
595	Calibration	253NB	Cow Green	NB	Mar-16	CTC	No	1027-7005	1027	7005	998	1046	1.484	Yes	Yes	914	953	1.266	Yes	Yes
598	Calibration	253EB	Bull Green	EB	Mar-16	CTC	No	7009-1027	7009	1027	456	464	0.371	Yes	Yes	432	433	0.061	Yes	Yes
599	Calibration	253WB	Bull Green	WB	Mar-16	CTC	No	1027-7009	1027	7009	409	420	0.538	Yes	Yes	388	393	0.240	Yes	Yes
602	Calibration	254WB	Central Street	WB	Mar-16	CTC	No	1559-1028	1559	1028	56	56	0.002	Yes	Yes	52	52	0.010	Yes	Yes
603	Calibration	254EB	Central Street	EB	Mar-16	CTC	No	1028-1558	1028	1558	105	105	0.060	Yes	Yes	100	100	0.073	Yes	Yes
604	Calibration	254NB	Cow Green	NB	Mar-16	CTC	No	2258-1028	2258	1028	1047	1131	2.548	Yes	Yes	960	1025	2.077	Yes	Yes
605	Calibration	254SB	Cow Green	SB	Mar-16	CTC	No	1028-2258	1028	2258	691	629	2.432	Yes	Yes	634	573	2.495	Yes	Yes
610	Calibration	255WB	A58 East	WB	Mar-16	CTC	No	1563-1561	1563	1561	461	477	0.753	Yes	Yes	407	426	0.956	Yes	Yes
612	Calibration	255WB	Pellon Lane East	WB	Mar-16	CTC	No	2725-1561	2725	1561	328	275	3.070	Yes	Yes	308	253	3.309	Yes	Yes
613	Calibration	255EB	Pellon Lane East	EB	Mar-16	CTC	No	1561-2725	1561	2725	283	259	1.507	Yes	Yes	265	247	1.108	Yes	Yes
614	Calibration	255NB	New Brunswick Street	NB	Mar-16	CTC	No	1565-1052	1565	1052	287	209	4.960	Yes	Yes	267	195	4.692	Yes	Yes
621	Calibration	256SB	Waterhouse Street	SB	Mar-16	CTC	No	1029-1557	1029	1557	249	248	0.059	Yes	Yes	240	240	0.014	Yes	Yes
622	Calibration	256EB	Broad Street	EB	Mar-16	CTC	No	1028-1029	1028	1029	893	965	2.353	Yes	Yes	819	876	1.972	Yes	Yes
623	Calibration	256WB	Broad Street	WB	Mar-16	CTC	No	1029-1028	1029	1028	653	477	7.397	No	No	599	428	7.568	No	No
646	Calibration	260WB	Shropps Road East	WB	Mar-16	CTC	No	1038-7003	1038	7003	416	451	1.653	Yes	Yes	381	424	2.152	Yes	Yes
647	Calibration	260EB	Shropps Road East	EB	Mar-16	CTC	No	7003-1038	7003	1038	376	350	1.353	Yes	Yes	347	348	0.028	Yes	Yes
680	Calibration	265EB	Kings Cross Road	EB	Mar-16	CTC	No	2373-1054	2373	1054	321	325	0.215	Yes	Yes	306	312	0.321	Yes	Yes
681	Calibration	265WB	Kings Cross Road	WB	Mar-16	CTC	No	1054-2373	1054	2373	191	170	1.544	Yes	Yes	183	162	1.588	Yes	Yes
682	Calibration	265SB	Hopwood Lane	SB	Mar-16	CTC	No	2374-1054	2374	1054	178	165	0.969	Yes	Yes	169	165	0.335	Yes	Yes
683	Calibration	265NB	Hopwood Lane	NB	Mar-16	CTC	No	1054-2374	1054	2374	219	223	0.332	Yes	Yes	204	204	0.013	Yes	Yes
692	Calibration	267WB	Swan Bank Lane	WB	Mar-16	CTC	No	1186-1017	1186	1017	329	306	1.306	Yes	Yes	303	279	1.413	Yes	Yes
693	Calibration	267EB	Swan Bank Lane	EB	Mar-16	CTC	No	1017-1186	1017	1186	244	236	0.523	Yes	Yes	228	236	0.499	Yes	Yes
732	Calibration	272EB	Site 1 - A58 Rochdale Road between Lower Brockwell Lane and Parkfield Drive	EB	12th March 2016 to 22nd March 2016	ATC	No	4312-3985	4312	3985	324	328	0.233	Yes	Yes	294	294	0.007	Yes	Yes
733	Calibration	272WB	Site 1 - A58 Rochdale Road between Lower Brockwell Lane and Parkfield Drive	WB	12th March 2016 to 22nd March 2016	ATC	No	3985-4312	3985	4312	598	529	2.508	Yes	Yes	536	478	2.607	Yes	Yes
734	Calibration	273EB	Site 2 - A646 Burnley Road between Woodroyd Gardens and The Meadows	EB	12th March 2016 to 22nd March 2016	ATC	No	1094-1095	1094	1095	747	628	4.554	Yes	No	652	569	3.326	Yes	Yes
735	Calibration	273WB	Site 2 - A646 Burnley Road between Woodroyd Gardens and The Meadows	WB	12th March 2016 to 22nd March 2016	ATC	No	1095-1094	1095	1094	634	641	0.262	Yes	Yes	577	575	0.051	Yes	Yes
736	Calibration	274EB	Site 4 - Shropps Road south east of Hebble Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	2401-1059	2401	1059	230	226	0.236	Yes	Yes	218	212	0.469	Yes	Yes
737	Calibration	274WB	Site 4 - Shropps Road south east of Hebble Lane	WB	12th March 2016 to 22nd March 2016	ATC	No	1059-2401	1059	2401	563	549	0.588	Yes	Yes	528	515	0.570	Yes	Yes
738	Calibration	275EB	Site 16 - A58 Whitehall Road between Grassmere Road and Westfield Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	3473-3482	3473	3482	535	508	1.187	Yes	Yes	470	444	1.201	Yes	Yes
739	Calibration	275WB	Site 16 - A58 Whitehall Road between Grassmere Road and Westfield Lane	WB	12th March 2016 to 22nd March 2016	ATC	No	3482-3473	3482	3473	857	669	6.816	No	No	746	568	6.941	No	No
740	Calibration	276NB	Tofts Grove between Lower Edge Road and Mayster Road	NB	12th March 2016 to 22nd March 2016	ATC	No	3348-3175	3348	3175	195	222	1.856	Yes	Yes	179	189	0.789	Yes	Yes
741	Calibration	276SB	Tofts Grove between Lower Edge Road and Mayster Road	SB	12th March 2016 to 22nd March 2016	ATC	No	3175-3348	3175	3348	179	178	0.070	Yes	Yes	164	162	0.116	Yes	Yes
742	Calibration	277NB	A641 Huddersfield Rd between Daisy Road and Armitage Avenue	NB	12th March 2016 to 22nd March 2016	ATC	No	3121-3118	3121	3118	667	677	0.367	Yes	Yes	607	619	0.480	Yes	Yes
743	Calibration	277SB	A641 Huddersfield Rd between Daisy Road and Armitage Avenue	SB	12th March 2016 to 22nd March 2016	ATC	No	3118-3121	3118	3121	737	727	0.390	Yes	Yes	671	660	0.395	Yes	Yes
744	Calibration	278NB	Bank Top between Common Lane and Marsh Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	1181-1183	1181	1183	406	475	3.264	Yes	Yes	372	426	2.658	Yes	Yes
745	Calibration	278SB	Bank Top between Common Lane and Marsh Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1183-1181	1183	1181	443	458	0.714	Yes	Yes	406	424	0.901	Yes	Yes
746	Calibration	279EB	A58 Rochdale Road west of Junction with A646	EB	12th March 2016 to 22nd March 2016	ATC	No	1368-1362	1368	1362	504	403	4.715	Yes	No	458	378	3.913	Yes	Yes
747	Calibration	279WB	A58 Rochdale Road west of Junction with A646	WB	12th March 2016 to 22nd March 2016	ATC	No	1362-1368	1362	1368	645	664	0.737	Yes	Yes	587	611	0.988	Yes	Yes
750	Calibration	280NB	A641 between New Works Road and B6379 Huddersfield Road	NB	12th March 2016 to 22nd March 2016	ATC	No	3901-3903	3901	3903	721	627	3.652	Yes	Yes	656	577	3.211	Yes	Yes
751	Calibration	280SB	A641 between New Works Road and B6379 Huddersfield Road	SB	12th March 2016 to 22nd March 2016	ATC	No	3903-3901	3903	3901	1094	1040	1.661	Yes	Yes	995	957	1.224	Yes	Yes
754	Calibration	282NB	Thrumm Hall Lane between Gibbet Street and Hanson Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	2306-1107	2306	1107	241	218	1.480	Yes	Yes	221	191	2.077	Yes	Yes
755	Calibration	282SB	Thrumm Hall Lane between Gibbet Street and Hanson Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1107-2306	1107	2306	190	225	2.403	Yes	Yes	175	211	2.623	Yes	Yes
756	Calibration	283EB	Hanson Ln between Violet St and Bowman Grove	EB	12th March 2016 to 22nd March 2016	ATC	No	2323-2352	2323	2352	172	166	0.431	Yes	Yes	158	149	0.689	Yes	Yes
757	Calibration	283WB	Hanson Ln between Violet St and Bowman Grove	WB	12th March 2016 to 22nd March 2016	ATC	No	2352-2323	2352	2323	209	234	1.667	Yes	Yes	192	211	1.366	Yes	Yes
758	Calibration	284NB	Queens Rd between Gibbet Street and Hanson Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	2325-1070	2325	1070	310	322	0.704	Yes	Yes	284	313	1.695	Yes	Yes
759	Calibration	284SB	Queens Rd between Gibbet Street and Hanson Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1070-2325	1070	2325	321	287	1.940	Yes	Yes	294	266	1.672	Yes	Yes
760	Calibration	285NB	A629 Keighley Road between Club Lane and Brant Avenue	NB	12th March 2016 to 22nd March 2016	ATC	No	2413-2414	2413	2414	566	473	4.102	Yes	Yes	515	445	3.228	Yes	Yes
761	Calibration	285SB	A629 Keighley Road between Club Lane and Brant Avenue	SB	12th March 2016 to 22nd March 2016	ATC	No	2414-2413	2414	2413	420	279	7.541	No	No	382	259	6.859	No	No
762	Calibration	286NB	Cousin Lane between Moor Lane and Club Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	2411-2412	2411	2412	277	293	0.942	Yes	Yes	254	288	2.077	Yes	Yes
763	Calibration	286SB	Cousin Lane between Moor Lane and Club Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	2412-2411	2412	2411	246	283	2.240	Yes	Yes	226	279	3.333	Yes	Yes
764	Calibration	287NB	Shay Lane between Blackmires and Crossley Terrace North	NB	12th March 2016 to 22nd March 2016	ATC	No	7101-4305	7101	4305	530	579	2.074	Yes	Yes	486	515	1.297	Yes	Yes
765	Calibration	287SB	Shay Lane between Blackmires and Crossley Terrace North	SB	12th March 2016 to 22nd March 2016	ATC	No	4305-7101	4305	7101	408	437	1.399	Yes	Yes	374	392	0.887	Yes	Yes
768	Calibration	288NB	Crossland Road between Romsey Close and A643 Lindley Moor Road	NB	12th March 2016 to 22nd March 2016	ATC	No	9264-9266	9264	9266	123	237	8.951	No	No	112	225	8.694	No	No
769	Calibration	288SB	Crossland Road between Romsey Close and A643 Lindley Moor Road	SB	12th March 2016 to 22nd March 2016	ATC	No	9266-9264	9266	9264	216	186	2.130	Yes	Yes	198	181	1.248	Yes	Yes
770	Calibration	289NB	Lightcliffe Road near junction Huntok Place	NB	12th March 2016 to 22nd March 2016	ATC	No	3154-3170	3154	3170	500	475	1.124	Yes	Yes	458	433	1.219	Yes	Yes
771	Calibration	289SB	Lightcliffe Road near junction Huntok Place	SB	12th March 2016 to 22nd March 2016	ATC	No	3170-3154	3170	3154	345	350	0.297	Yes	Yes	316	322	0.322	Yes	Yes
772	Calibration	290NB	Warley Town Lane between Stock Lane and Winterburn Lane	NB	12th March 2016 to 22nd March 2016	ATC	No	1116-1115	1116	1115	43	229	15.928	No	No	40	210	15.254	No	No
773	Calibration	290SB	Warley Town Lane between Stock Lane and Winterburn Lane	SB	12th March 2016 to 22nd March 2016	ATC	No	1115-1116	1115	1116	50	209	13.950	No	No	46	177	12.390	No	No
774	Calibration	290EB	Newlands Road between Warley Town Lane and Peter Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	1076-1140	1076											

779	Calibration	293WB	Site14 - Walton Lane between Jay House Lane and A649	WB	12th March 2016 to 22nd March 2016	ATC	No	3072-3071	3072	3071	400	422	1.100	Yes	Yes	359	381	1.163	Yes	Yes
780	Calibration	294NB	Site 5 - Ovenden Road between Ovenden Way and Shroggs Road	NB	12th March 2016 to 22nd March 2016	ATC	No	2400-1039	2400	1039	1040	1073	1.022	Yes	Yes	941	970	0.952	Yes	Yes
781	Calibration	294SB	Site 5 - Ovenden Road between Ovenden Way and Shroggs Road	SB	12th March 2016 to 22nd March 2016	ATC	No	1039-2400	1039	2400	745	780	1.259	Yes	Yes	682	707	0.981	Yes	Yes
796	Calibration	295NB	Charlestown Road	NB	May-15	MCC	No	1177-1178	1177	1178	578	533	1.913	Yes	Yes	545	533	0.549	Yes	Yes
797	Calibration	295SB	Charlestown Road	SB	May-15	MCC	No	1178-1177	1178	1177	476	379	4.678	Yes	Yes	449	349	4.973	Yes	Yes
802	Calibration	296SB	Cripplegate	NB	May-15	MCC	No	1023-1615	1023	1615	40	56	2.336	Yes	Yes	37	56	2.802	Yes	Yes
803	Calibration	296NB	Cripplegate	SB	May-15	MCC	No	1615-1023	1615	1023	129	133	0.318	Yes	Yes	126	125	0.136	Yes	Yes
806	Calibration	296EB	Bank Bottom	EB	May-15	MCC	No	1023-1177	1023	1177	713	644	2.639	Yes	Yes	672	636	1.403	Yes	Yes
807	Calibration	296WB	Bank Bottom	WB	May-15	MCC	No	1177-1023	1177	1023	500	457	1.995	Yes	Yes	465	425	1.922	Yes	Yes
816	Calibration	298NB	Smithy Street	NB	May-15	MCC	No	1021-1174	1021	1174	671	620	2.012	Yes	Yes	637	602	1.374	Yes	Yes
817	Calibration	298SB	Smithy Street	SB	May-15	MCC	No	1174-1021	1174	1021	306	294	0.663	Yes	Yes	288	273	0.917	Yes	Yes
822	Calibration	299NB	Charles Street	NB	May-15	MCC	No	1614-2720	1614	2720	497	469	1.276	Yes	Yes	471	444	1.243	Yes	Yes
823	Calibration	299SB	Charles Street	SB	May-15	MCC	No	2720-1614	2720	1614	458	430	1.340	Yes	Yes	431	416	0.742	Yes	Yes
826	Calibration	299EB	Alfred Street East	EB	May-15	MCC	No	1614-1621	1614	1621	383	363	1.020	Yes	Yes	360	363	0.138	Yes	Yes
827	Calibration	299WB	Alfred Street East	WB	May-15	MCC	No	1621-1614	1621	1614	305	295	0.536	Yes	Yes	284	295	0.623	Yes	Yes
828	Calibration	300NB	Union Street North	NB	May-15	MCC	No	1638-2751	1638	2751	168	239	4.914	Yes	Yes	160	223	4.605	Yes	Yes
840	Calibration	301WB	Prescott Street	WB	May-15	MCC	No	1018-2741	1018	2741	228	227	0.085	Yes	Yes	215	220	0.329	Yes	Yes
841	Calibration	301EB	Prescott Street	EB	May-15	MCC	No	2741-1018	2741	1018	129	126	0.321	Yes	Yes	127	126	0.152	Yes	Yes
868	Calibration	302NB	A629 Skircoat Road North	NB	May-15	MCC	No	1015-2376	1015	2376	609	623	0.578	Yes	Yes	540	547	0.324	Yes	Yes
869	Calibration	302SB	A629 Skircoat Road North	SB	May-15	MCC	No	2376-1015	2376	1015	804	747	2.052	Yes	Yes	735	682	2.009	Yes	Yes
878	Calibration	303WB	St Johns Lane	WB	May-15	MCC	No	1025-2375	1025	2375	29	43	2.206	Yes	Yes	27	43	2.558	Yes	Yes
879	Calibration	303EB	St Johns Lane	EB	May-15	MCC	No	2375-1025	2375	1025	68	69	0.172	Yes	Yes	66	67	0.158	Yes	Yes
885	Calibration	305SB	Commercial Street	SB	May-15	MCC	No	2752-1026	2752	1026	217	118	7.655	No	Yes	206	118	6.930	No	Yes
886	Calibration	305NB	Fountain Street	NB	May-15	MCC	No	1026-1497	1026	1497	708	817	3.937	Yes	No	635	717	3.189	Yes	Yes
887	Calibration	305SB	Fountain Street	SB	May-15	MCC	No	1497-1026	1497	1026	721	824	3.713	Yes	Yes	663	744	3.050	Yes	Yes
888	Calibration	305WB	Trinity Road	WB	May-15	MCC	No	1496-1493	1496	1493	13	36	4.689	Yes	Yes	13	35	4.527	Yes	Yes
890	Calibration	305SB	Portland Place	SB	May-15	MCC	No	1496-1025	1496	1025	619	577	1.719	Yes	Yes	561	510	2.191	Yes	Yes
891	Calibration	305NB	Portland Place	NB	May-15	MCC	No	1025-1496	1025	1496	663	737	2.811	Yes	Yes	591	639	1.954	Yes	Yes
892	Calibration	305EB	Horton Street	EB	May-15	MCC	No	1026-2753	1026	2753	261	250	0.740	Yes	Yes	251	237	0.870	Yes	Yes
900	Calibration	306NB	Northgate North	NB	May-15	MCC	No	1030-2777	1030	2777	602	534	2.875	Yes	Yes	569	529	1.725	Yes	Yes
901	Calibration	306SB	Northgate North	SB	May-15	MCC	No	2777-1030	2777	1030	404	343	3.179	Yes	Yes	378	328	2.639	Yes	Yes
902	Calibration	306SB	Northgate South	SB	May-15	MCC	No	1030-2764	1030	2764	389	370	0.967	Yes	Yes	368	369	0.028	Yes	Yes
903	Calibration	306NB	Northgate South	NB	May-15	MCC	No	2764-1030	2764	1030	382	331	2.692	Yes	Yes	354	326	1.519	Yes	Yes
906	Calibration	307NB	North Bridge	NB	May-15	MCC	No	1176-1521	1176	1521	470	455	0.694	Yes	Yes	446	447	0.057	Yes	Yes
907	Calibration	307SB	North Bridge	SB	May-15	MCC	No	1521-1176	1521	1176	255	249	0.373	Yes	Yes	233	249	1.007	Yes	Yes
908	Calibration	307WB	Cross Hills	WB	May-15	MCC	No	1176-1626	1176	1626	475	402	3.482	Yes	Yes	449	400	2.400	Yes	Yes
909	Calibration	307EB	Cross Hills	EB	May-15	MCC	No	1626-1176	1626	1176	307	290	0.957	Yes	Yes	292	275	0.988	Yes	Yes
924	Calibration	308WB	Leeds Rd	WB	Nov-13	MCC	No	4430-3934	4430	3934	753	607	5.614	No	No	646	511	5.610	No	No
925	Calibration	308EB	Leeds Rd	EB	Nov-13	MCC	No	3934-4430	3934	4430	849	866	0.599	Yes	Yes	738	757	0.700	Yes	Yes

APPENDIX C-2

LINK VALIDATION

AM Validation

ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate ?	Ref	A-Node	B-Node	ALL VEHICLES					Cars				
												Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?
13	Validation		7NB	A629 Huddersfield Road	NB	03/04/2014 - 16/04/2014	ATC	No	1462-1467	1462	1467	1312	1258	1.491	Yes	Yes	1098	1116	0.534	Yes	Yes
14	Validation		7SB	A629 Huddersfield Road	SB	03/04/2014 - 16/04/2014	ATC	No	1467-1462	1467	1462	1250	1303	1.489	Yes	Yes	1046	1130	2.556	Yes	Yes
19	Validation		8NEB	A629 Skircoat Road/Heath Road Junction	NEB	Apr-14	MCC	No	1407-1013	1407	1013	272	279	0.425	Yes	Yes	249	243	0.322	Yes	Yes
20	Validation		8SWB	A629 Skircoat Road/Heath Road Junction	SWB	Apr-14	MCC	No	1013-1407	1013	1407	156	186	2.224	Yes	Yes	137	165	2.273	Yes	Yes
41	Validation		12SB	A629 Huddersfield Road/Coronation Road/Stafford Avenue	SB	Apr-14	MCC	No	1400-2388	1400	2388	913	896	0.583	Yes	Yes	763	771	0.272	Yes	Yes
42	Validation		12NB	A629 Huddersfield Road/Coronation Road/Stafford Avenue	NB	Apr-14	MCC	No	2388-1400	2388	1400	1081	989	2.863	Yes	Yes	972	884	2.860	Yes	Yes
67	Validation		16EB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	EB	Apr-14	MCC	No	2385-2387	2385	2387	503	516	0.569	Yes	Yes	459	459	0.012	Yes	Yes
68	Validation		16WB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	WB	Apr-14	MCC	No	2387-2385	2387	2385	301	207	5.877	No	Yes	268	177	6.098	No	Yes
85	Validation		19NB	Skircoat Green Road/Heath Road	NB	Apr-14	MCC	No	2383-1010	2383	1010	378	342	1.918	Yes	Yes	349	311	2.089	Yes	Yes
86	Validation		19SB	Skircoat Green Road/Heath Road	SB	Apr-14	MCC	No	1010-2383	1010	2383	214	220	0.453	Yes	Yes	189	198	0.600	Yes	Yes
91	Validation		20NB	Heath Road/Free School Lane	NB	Apr-14	MCC	No	1401-1012	1401	1012	282	282	0.016	Yes	Yes	264	246	1.104	Yes	Yes
92	Validation		20SB	Heath Road/Free School Lane	SB	Apr-14	MCC	No	1012-1401	1012	1401	273	316	2.494	Yes	Yes	246	292	2.769	Yes	Yes
95	Validation		21NB	Slip onto M62	NB	Jun-14	TRADS	No	3427-3423	3427	3423	1088	1088	0.011	Yes	Yes	549	882	12.450	No	No
96	Validation		22NB	M62 at Junction 25	NB	Jun-14	TRADS	No	3413-3421	3413	3421	3705	3730	0.408	Yes	Yes	2664	3082	7.791	No	No
97	Validation		23SB	M62 at Junction 25	SB	Jun-14	TRADS	No	3422-3414	3422	3414	3168	3290	2.150	Yes	Yes	2344	2498	3.137	Yes	Yes
100	Validation		26SB	Slip onto M62 at J23	SB	Jun-14	TRADS	No	3877-3537	3877	3537	307	427	6.241	No	No	268	366	5.479	No	Yes
101	Validation		27NB	Slip off M62 at J23	NB	Jun-14	TRADS	No	3536-3858	3536	3858	310	505	9.662	No	No	267	405	7.538	No	No
102	Validation		28SB	M62 Next to Laund Road	SB	Jun-14	TRADS	No	3398-3412	3398	3412	2820	2642	3.399	Yes	Yes	1674	1848	4.135	Yes	Yes
103	Validation		29NB	M62 Next to Laund Road	NB	Jun-14	TRADS	No	3411-3397	3411	3397	3215	2958	4.623	Yes	Yes	2221	2326	2.205	Yes	Yes
108	Validation		32EB	Elland Riorges Link	EB	Jun-14	ANPR	No	3254-3255	3254	3255	478	392	4.101	Yes	Yes	423	332	4.686	Yes	Yes
109	Validation		32WB	Elland Riorges Link	WB	Jun-14	ANPR	No	3256-3254	3256	3254	914	811	3.492	Yes	Yes	778	665	4.220	Yes	Yes
114	Validation		35NB	Bradford Old Road	NB	Jun-14	ATC	No	1443-1442	1443	1442	37	52	2.247	Yes	Yes	35	39	0.667	Yes	Yes
115	Validation		35SB	Bradford Old Road	SB	Jun-14	ATC	No	1442-1443	1442	1443	77	97	2.186	Yes	Yes	73	97	2.588	Yes	Yes
116	Validation		36EB	B6114 Dewsbury Road	EB	Jun-14	ATC	No	3187-4104	3187	4104	410	485	3.522	Yes	Yes	384	440	2.790	Yes	Yes
117	Validation		36WB	B6114 Dewsbury Road	WB	Jun-14	ATC	No	4104-3187	4104	3187	459	380	3.860	Yes	Yes	438	359	3.934	Yes	Yes
118	Validation		37NB	A6025 Park Road	NB	Jun-14	ATC	No	3358-3245	3358	3245	579	619	1.645	Yes	Yes	539	512	1.197	Yes	Yes
119	Validation		37SB	A6025 Park Road	SB	Jun-14	ATC	No	3245-3358	3245	3358	503	496	0.309	Yes	Yes	460	430	1.441	Yes	Yes
120	Validation		38EB	A646 Skircoat Moor Road	EB	Jun-14	ATC	No	1389-1062	1389	1062	522	526	0.208	Yes	Yes	489	431	2.671	Yes	Yes
121	Validation		38WB	A646 Skircoat Moor Road	WB	Jun-14	ATC	No	1062-1389	1062	1389	316	270	2.701	Yes	Yes	296	216	4.968	Yes	Yes
157	Validation		66EB	A6026 Wakefield Road	EB	19-06-2013 to 01-07-2013	ATC	No	2272-1092	2272	1092	721	672	1.864	Yes	Yes	604	580	0.994	Yes	Yes
158	Validation		67WB	A6026 Wakefield Road	WB	19-06-2013 to 01-07-2013	ATC	No	1092-2272	1092	2272	401	365	1.842	Yes	Yes	336	294	2.371	Yes	Yes
173	Validation		81NB	A641 Huddersfield Road	NB	08-07-2013 to 16-07-2013	ATC	No	3930-3946	3930	3946	827	938	3.722	Yes	Yes	692	803	4.038	Yes	No
174	Validation		81SB	A641 Huddersfield Road	SB	08-07-2013 to 16-07-2013	ATC	No	3946-3930	3946	3930	718	901	6.399	No	No	601	751	5.738	No	No
177	Validation		83NB	A641 North of Birghouse	NB	05-07-2013 to 23-07-2013	ATC	No	3086-3086	3086	3085	741	682	2.239	Yes	Yes	621	592	1.154	Yes	Yes
178	Validation		83SB	A641 North of Brighouse	SB	05-07-2013 to 23-07-2013	ATC	No	3085-3086	3085	3086	690	620	2.745	Yes	Yes	577	518	2.545	Yes	Yes
179	Validation		84NB	A643 North of Anchor Bridge	NB	08-07-2013 to 16-07-2013	ATC	No	3039-3921	3039	3921	846	615	8.544	No	No	708	496	8.622	No	No
180	Validation		84SB	A643 North of Anchor Bridge	SB	08-07-2013 to 16-07-2013	ATC	No	3921-3039	3921	3039	590	582	0.334	Yes	Yes	494	481	0.561	Yes	Yes
203	Validation		96EB	A646 Halifax Road	EB	01-02-2013 to 07-02-2013	ATC	No	3667-3666	3667	3666	487	403	3.988	Yes	Yes	408	325	4.326	Yes	Yes
204	Validation		96WB	A646 Halifax Road	WB	01-02-2013 to 07-02-2013	ATC	No	3666-3667	3666	3667	441	383	2.854	Yes	Yes	369	310	3.215	Yes	Yes
205	Validation		97EB	A646 Burnley Road	EB	13-11-2013 to 22-11-2013	ATC	No	3618-3617	3618	3617	634	693	2.276	Yes	Yes	531	568	1.595	Yes	Yes
206	Validation		97WB	A646 Burnley Road	WB	13-11-2013 to 22-11-2013	ATC	No	3617-3618	3617	3618	506	584	3.324	Yes	Yes	424	463	1.875	Yes	Yes
227	Validation		108EB	Gibbet Street	EB	02-06-2014 to 17-06-2014	ATC	No	1567-1565	1567	1565	275	289	0.844	Yes	Yes	239	245	0.396	Yes	Yes
228	Validation		108WB	Gibbet Street	WB	02-06-2014 to 17-06-2014	ATC	No	1565-1567	1565	1567	53	53	0.097	Yes	Yes	46	49	0.413	Yes	Yes
234	Validation		112EB	Hopwood Lane	EB	02-06-2014 to 25-06-2014	ATC	No	1582-2723	1582	2723	149	184	2.751	Yes	Yes	130	164	2.856	Yes	Yes
235	Validation		112WB	Hopwood Lane	WB	02-06-2014 to 25-06-2014	ATC	No	2723-1582	2723	1582	114	222	8.398	No	No	99	209	8.881	No	No
236	Validation		113EB	Swires Road	EB	03-06-2013 to 12-06-2013	ATC	No	1058-1408	1058	1408	233	234	0.057	Yes	Yes	202	193	0.700	Yes	Yes
237	Validation		113WB	Swires Road	WB	03-06-2013 to 12-06-2013	ATC	No	1408-1058	1408	1058	288	470	9.367	No	No	250	424	9.469	No	No
238	Validation		114EB	Haugh Shaw Road	EB	02-06-2014 to 17-06-2014	ATC	No	1409-2366	1409	2366	170	335	10.415	No	No	147	319	11.210	No	No
239	Validation		114WB	Haugh Shaw Road	WB	02-06-2014 to 17-06-2014	ATC	No	2366-1409	2366	1409	198	190	0.581	Yes	Yes	173	183	0.816	Yes	Yes
262	Validation		126EB	Hopwood Lane	EB	04-11-2013 to 13-11-2013	ATC	No	2332-2341	2332	2341	170	164	0.505	Yes	Yes	148	140	0.690	Yes	Yes
263	Validation		126WB	Hopwood Lane	WB	04-11-2013 to 13-11-2013	ATC	No	2341-2332	2341	2332	130	167	3.039	Yes	Yes	113	143	2.713	Yes	Yes
272	Validation		131EB	Highroad Well Lane	EB	25-11-2013 to 03-12-2013	ATC	No	1375-2316	1375	2316	88	42	5.679	No	Yes	76	41	4.592	Yes	Yes
273	Validation		131WB	Highroad Well Lane	WB	25-11-2013 to 03-12-2013	ATC	No	2316-1375	2316	1375	52	86	4.095	Yes	Yes	45	68	3.010	Yes	Yes
280	Validation		135EB	Hullenedge Road	EB	25-11-2013 to 03-12-2013	ATC	No	3486-3372	3486	3372	88	102	1.481	Yes	Yes	77	65	1.362	Yes	Yes
281	Validation		135WB	Hullenedge Road	WB	25-11-2013 to 03-12-2013	ATC	No	3372-3486	3372	3486	104	64	4.404	Yes	Yes	91	45	5.601	No	Yes
286	Validation		138EB	Lower Edge Road	EB	14-11-2013 to 22-11-2013	ATC	No	3367-3366	3367	3366	326	270	3.223	Yes	Yes	284	230	3.360	Yes	Yes
287	Validation		138WB	Lower Edge Road	WB	14-11-2013 to 22-11-2013	ATC	No	3366-3367	3366	3367	293	307	0.823	Yes	Yes	255	253	0.150	Yes	Yes
302	Validation		146NB	B6114 Saddleworth Road	NB	08-01-2014 to 16-01-2014	ATC	No	3530-3533	3530	3533	156	192	2.757	Yes	Yes	136	150	1.201	Yes	Yes
303	Validation		146SB	B6114 Saddleworth Road	SB	08-01-2014 to 16-01-2014	ATC	No	3533-3530	3533	3530	102	215	8.919	No	No	89	182	7.943	No	Yes
304	Validation		147EB	Pellon Lane	EB	01-06-2014 to 30-06-2014	ATC	No	1575-1576	1575	1576	438	513	3.429	Yes	Yes	381	425	2.180	Yes	Yes
305	Validation		147WB	Pellon Lane	WB	01-06-2014 to 30-06-2014	ATC	No	1576-1575	1576	1575	621	584	1.533	Yes	Yes	540	447	4.197	Yes	Yes
306	Validation		148NB	Siddal New Road	NB	01-06-2014 to 30-06-2014	ATC	No	1189-1189	1189	1190	406	387	0.935	Yes	Yes	353	321	1.729	Yes	Yes

307	Validation	148SB	Siddal New Road	SB	01-06-2014 to 30-06-2014	ATC	No	1190-1189	1190	1189	179	143	2.837	Yes	Yes	156	108	4.156	Yes	Yes
312	Validation	151EB	A58 Whitehall Road	EB	14-08-2014 to 22-08-2014	ATC	No	3197-3209	3197	3209	742	886	5.043	No	No	621	780	5.996	No	No
313	Validation	151WB	A58 Whitehall Road	WB	14-08-2014 to 22-08-2014	ATC	No	3209-3197	3209	3197	661	677	0.616	Yes	Yes	553	552	0.042	Yes	Yes
345	Validation	171NB	Blackley Road	NB	Oct-14	MCC	No	3476-3477	3476	3477	323	305	0.993	Yes	Yes	278	271	0.430	Yes	Yes
346	Validation	171SB	Blackley Road	SB	Oct-14	MCC	No	3477-3476	3477	3476	296	579	13.514	No	No	268	526	12.905	No	No
359	Validation	173NB	Stainland Road (S)	NB	Oct-14	MCC	No	3948-3947	3948	3947	527	562	1.518	Yes	Yes	484	501	0.759	Yes	Yes
360	Validation	173SB	Stainland Road (S)	SB	Oct-14	MCC	No	3947-3948	3947	3948	296	362	3.649	Yes	Yes	239	289	3.124	Yes	Yes
369	Validation	174EB	Long Wall	EB	Oct-14	MCC	No	3488-3487	3488	3487	452	225	12.320	No	No	401	219	10.322	No	No
370	Validation	174WB	Long Wall	WB	Oct-14	MCC	No	3487-3488	3487	3488	299	504	10.243	No	No	254	469	11.317	No	No
393	Validation	178NB	Elland Riores Link (N)	NB	Oct-14	MCC	No	3192-3263	3192	3263	493	514	0.940	Yes	Yes	425	443	0.882	Yes	Yes
394	Validation	178SB	Elland Riores Link (N)	SB	Oct-14	MCC	No	3263-3192	3263	3192	621	666	1.780	Yes	Yes	512	540	1.210	Yes	Yes
395	Validation	178EB	Elland Riores Link (W)	EB	Oct-14	MCC	No	3913-3192	3913	3192	783	875	3.172	Yes	Yes	681	775	3.470	Yes	Yes
396	Validation	178WB	Elland Riores Link (W)	WB	Oct-14	MCC	No	3192-3913	3192	3913	916	984	2.199	Yes	Yes	785	852	2.319	Yes	Yes
439	Validation	189NB	Lightridge Road	NB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9524-9525	9524	9525	154	225	5.185	No	Yes	143	217	5.524	No	Yes
440	Validation	188SB	Lightridge Road	SB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9525-9524	9525	9524	184	326	8.892	No	No	177	288	7.238	No	No
473	Validation	205EB	New Hey Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3879-9512	3879	9512	665	1032	12.596	No	No	586	956	13.299	No	No
474	Validation	205WB	New Hey Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9512-3879	9512	3879	775	807	1.116	Yes	Yes	702	713	0.401	Yes	Yes
507	Validation	222NB	Spen Lane	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9652-9653	9652	9653	311	256	3.274	Yes	Yes	275	182	6.091	No	Yes
508	Validation	222SB	Spen Lane	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9653-9652	9653	9652	344	474	6.392	No	No	307	389	4.402	Yes	Yes
513	Validation	225NB	Bradford Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9638-4280	9638	4280	672	823	5.533	No	No	557	674	4.713	Yes	No
514	Validation	225SB	Bradford Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	4280-9638	4280	9638	519	625	4.432	Yes	No	432	533	4.635	Yes	No
580	Validation	251WB	Water Lane	WB	Mar-16	CTC	No	1488-1016	1488	1016	281	342	3.462	Yes	Yes	247	294	2.834	Yes	Yes
581	Validation	251EB	Water Lane	EB	Mar-16	CTC	No	1016-1488	1016	1488	156	133	1.958	Yes	Yes	135	115	1.847	Yes	Yes
586	Validation	252SB	Portland Place	SB	Mar-16	CTC	No	2378-1024	2378	1024	613	664	2.041	Yes	Yes	498	553	2.395	Yes	Yes
587	Validation	252NB	Portland Place	NB	Mar-16	CTC	No	1024-2378	1024	2378	695	581	4.484	Yes	No	581	477	4.499	Yes	No
606	Validation	254SB	Pellon Lane	SB	Mar-16	CTC	No	2725-1028	2725	1028	255	204	3.395	Yes	Yes	210	166	3.203	Yes	Yes
607	Validation	254NB	Pellon Lane	NB	Mar-16	CTC	No	1028-2725	1028	2725	290	205	5.419	No	Yes	224	145	5.828	No	Yes
616	Validation	256SB	Orange Street	SB	Mar-16	CTC	No	1555-1029	1555	1029	897	989	3.000	Yes	Yes	785	861	2.646	Yes	Yes
617	Validation	256NB	Orange Street	NB	Mar-16	CTC	No	1029-1555	1029	1555	490	487	0.104	Yes	Yes	399	364	1.781	Yes	Yes
630	Validation	257EB	Broad Street	EB	Mar-16	CTC	No	1029-1175	1029	1175	273	249	1.467	Yes	Yes	247	249	0.083	Yes	Yes
631	Validation	257WB	Broad Street	WB	Mar-16	CTC	No	1175-1029	1175	1029	328	252	4.501	Yes	Yes	274	217	3.639	Yes	Yes
632	Validation	258SB	A629 North	SB	Mar-16	CTC	No	1548-1552	1548	1552	1129	1159	0.895	Yes	Yes	964	962	0.068	Yes	Yes
633	Validation	258NB	A629 North	NB	Mar-16	CTC	No	1552-1548	1552	1548	731	850	4.232	Yes	No	567	667	4.020	Yes	Yes
672	Validation	264WB	Dean Clough	WB	Mar-16	CTC	No	1629-1630	1629	1630	323	335	0.643	Yes	Yes	286	325	2.242	Yes	Yes
673	Validation	264EB	Dean Clough	EB	Mar-16	CTC	No	1630-1629	1630	1629	341	341	0.005	Yes	Yes	320	308	0.677	Yes	Yes
714	Validation	271EB	Berry Lane	EB	Mar-16	CTC	No	1612-1611	1612	1611	208	212	0.283	Yes	Yes	185	191	0.450	Yes	Yes
715	Validation	271WB	Berry Lane	WB	Mar-16	CTC	No	1611-1612	1611	1612	194	119	5.976	No	Yes	169	92	6.732	No	Yes
752	Validation	281EB	A646 Between Albert Road and Tuel Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	2288-2549	2288	2549	709	529	7.231	No	No	593	429	7.271	No	No
753	Validation	281WB	A646 Between Albert Road and Tuel Lane	WB	12th March 2016 to 22nd March 2016	ATC	No	2549-2288	2549	2288	499	550	2.240	Yes	Yes	417	437	0.968	Yes	Yes
776	Validation	292NB	Site 6 - Haley Hill between Range Lane and A58	NB	12th March 2016 to 22nd March 2016	ATC	No	1523-1524	1523	1524	421	322	5.131	No	Yes	350	271	4.481	Yes	Yes
777	Validation	292SB	Site 6 - Haley Hill between Range Lane and A58	SB	12th March 2016 to 22nd March 2016	ATC	No	1524-1523	1524	1523	853	711	5.057	No	No	759	633	4.788	Yes	No
800	Validation	295SB	Southowram Bank	SB	May-15	MCC	No	1177-1511	1177	1511	53	32	3.239	Yes	Yes	50	20	5.111	No	Yes
801	Validation	295NB	Southowram Bank	NB	May-15	MCC	No	1511-1177	1511	1177	328	339	0.559	Yes	Yes	311	327	0.906	Yes	Yes
808	Validation	297NB	Lower Kirkgate	NB	May-15	MCC	No	1022-1023	1022	1023	355	341	0.744	Yes	Yes	322	294	1.591	Yes	Yes
809	Validation	297SB	Lower Kirkgate	SB	May-15	MCC	No	1023-1022	1023	1022	627	660	1.311	Yes	Yes	579	614	1.458	Yes	Yes
834	Validation	300EB	Horton Street East	EB	May-15	MCC	No	1638-1645	1638	1645	152	80	6.663	No	Yes	136	69	6.604	No	Yes
835	Validation	300WB	Horton Street East	WB	May-15	MCC	No	1645-1638	1645	1638	107	85	2.264	Yes	Yes	96	71	2.709	Yes	Yes
842	Validation	302SB	South Parade	SB	May-15	MCC	No	1018-1635	1018	1635	451	444	0.345	Yes	Yes	405	412	0.352	Yes	Yes
843	Validation	302NB	South Parade	NB	May-15	MCC	No	1635-1018	1635	1018	565	582	0.726	Yes	Yes	517	544	1.164	Yes	Yes
874	Validation	302EB	Oxford Road East	EB	May-15	MCC	No	1015-1487	1015	1487	176	148	2.187	Yes	Yes	158	126	2.677	Yes	Yes
904	Validation	306EB	Winding Road	EB	May-15	MCC	No	1030-1620	1030	1620	358	324	1.845	Yes	Yes	316	288	1.570	Yes	Yes
905	Validation	306WB	Winding Road	WB	May-15	MCC	No	1620-1030	1620	1030	334	231	6.151	No	No	298	224	4.559	Yes	Yes

IP Validation											ALL VEHICLES										Cars				
ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?				
13	Validation		7NB	A629 Huddersfield Road	NB	03/04/2014 - 16/04/2014	ATC	No	1462-1467	1462	1467	1181	1050	3.919	Yes	Yes	955	861	3.139	Yes	Yes				
14	Validation		7SB	A629 Huddersfield Road	SB	03/04/2014 - 16/04/2014	ATC	No	1467-1462	1467	1462	1195	1147	1.399	Yes	Yes	967	946	0.674	Yes	Yes				
19	Validation		8NEB	A629 Skircoat Road/Heath Road Junction	NEB	Apr-14	MCC	No	1407-1013	1407	1013	169	101	5.804	No	Yes	153	77	7.104	No	Yes				
20	Validation		8SWB	A629 Skircoat Road/Heath Road Junction	SWB	Apr-14	MCC	No	1013-1407	1013	1407	153	165	0.997	Yes	Yes	136	148	1.043	Yes	Yes				
41	Validation		12SB	A629 Huddersfield Road/Coronation Road/Stafford Avenue	SB	Apr-14	MCC	No	1400-2388	1400	2388	772	774	0.093	Yes	Yes	646	636	0.428	Yes	Yes				
42	Validation		12NB	A629 Huddersfield Road/Coronation Road/Stafford Avenue	NB	Apr-14	MCC	No	2388-1400	2388	1400	766	712	2.016	Yes	Yes	644	598	1.878	Yes	Yes				
67	Validation		16EB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	EB	Apr-14	MCC	No	2385-2387	2385	2387	360	319	2.222	Yes	Yes	307	277	1.750	Yes	Yes				
68	Validation		16WB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	WB	Apr-14	MCC	No	2387-2385	2387	2385	301	296	0.325	Yes	Yes	258	250	0.466	Yes	Yes				
85	Validation		19NB	Skircoat Green Road/Heath Road	NB	Apr-14	MCC	No	2383-1010	2383	1010	212	208	0.267	Yes	Yes	193	178	1.075	Yes	Yes				
86	Validation		19SB	Skircoat Green Road/Heath Road	SB	Apr-14	MCC	No	1010-2383	1010	2383	174	195	1.487	Yes	Yes	157	176	1.452	Yes	Yes				
91	Validation		20NB	Heath Road/Free School Lane	NB	Apr-14	MCC	No	1401-1012	1401	1012	182	130	4.177	Yes	Yes	167	107	5.127	No	Yes				
92	Validation		20SB	Heath Road/Free School Lane	SB	Apr-14	MCC	No	1012-1401	1012	1401	193	244	3.418	Yes	Yes	175	203	2.034	Yes	Yes				
95	Validation		21NB	Slip onto M62	NB	Jun-14	TRADES	No	3427-3423	3427	3423	720	807	3.149	Yes	Yes	361	662	13.324	No	No				
96	Validation		22NB	M62 at Junction 25	NB	Jun-14	TRADES	No	3413-3421	3413	3421	3255	2966	5.182	No	Yes	2027	2300	5.880	No	Yes				
97	Validation		23SB	M62 at Junction 25	SB	Jun-14	TRADES	No	3422-3414	3422	3414	3418	3247	2.947	Yes	Yes	2530	2451	1.581	Yes	Yes				
100	Validation		26SB	Slip onto M62 at J23	SB	Jun-14	TRADES	No	3877-3537	3877	3537	210	287	4.880	Yes	Yes	166	191	1.906	Yes	Yes				
101	Validation		27NB	Slip off M62 at J23	NB	Jun-14	TRADES	No	3536-3858	3536	3858	219	309	5.568	No	Yes	176	220	3.144	Yes	Yes				
102	Validation		28SB	M62 Next to Laund Road	SB	Jun-14	TRADES	No	3398-3412	3398	3412	3225	2847	6.852	No	Yes	1916	1923	0.150	Yes	Yes				
103	Validation		29NB	M62 Next to Laund Road	NB	Jun-14	TRADES	No	3411-3397	3411	3397	3134	2643	9.119	No	No	1937	1827	2.515	Yes	Yes				
108	Validation		32EB	Elland Rlorges Link	EB	Jun-14	ANPR	No	3254-3255	3254	3255	368	212	9.158	No	No	293	150	9.641	No	No				
109	Validation		32WB	Elland Rlorges Link	WB	Jun-14	ANPR	No	3256-3254	3256	3254	625	614	0.462	Yes	Yes	490	491	0.058	Yes	Yes				
114	Validation		35NB	Bradford Old Road	NB	Jun-14	ATC	No	1443-1442	1443	1442	24	29	0.958	Yes	Yes	22	20	0.503	Yes	Yes				
115	Validation		35SB	Bradford Old Road	SB	Jun-14	ATC	No	1442-1443	1442	1443	29	34	0.834	Yes	Yes	26	16	2.128	Yes	Yes				
116	Validation		36EB	B6114 Dewsbury Road	EB	Jun-14	ATC	No	3187-4104	3187	4104	229	251	1.362	Yes	Yes	211	227	1.107	Yes	Yes				
117	Validation		36WB	B6114 Dewsbury Road	WB	Jun-14	ATC	No	4104-3187	4104	3187	241	298	3.425	Yes	Yes	219	267	3.097	Yes	Yes				
118	Validation		37NB	A6025 Park Road	NB	Jun-14	ATC	No	3358-3245	3358	3245	408	429	1.013	Yes	Yes	371	355	0.865	Yes	Yes				
119	Validation		37SB	A6025 Park Road	SB	Jun-14	ATC	No	3245-3358	3245	3358	403	422	0.932	Yes	Yes	362	349	0.710	Yes	Yes				
120	Validation		38EB	A646 Skircoat Moor Road	EB	Jun-14	ATC	No	1389-1062	1389	1062	380	365	0.749	Yes	Yes	347	295	2.865	Yes	Yes				
121	Validation		38WB	A646 Skircoat Moor Road	WB	Jun-14	ATC	No	1062-1389	1062	1389	311	225	5.273	No	Yes	284	168	7.674	No	No				
157	Validation		66EB	A6026 Wakefield Road	EB	19-06-2013 to 01-07-2013	ATC	No	2272-1092	2272	1092	394	365	1.504	Yes	Yes	319	289	1.700	Yes	Yes				
158	Validation		67WB	A6026 Wakefield Road	WB	19-06-2013 to 01-07-2013	ATC	No	1092-2272	1092	2272	412	424	0.580	Yes	Yes	334	349	0.811	Yes	Yes				
173	Validation		81NB	A641 Huddersfield Road	NB	08-07-2013 to 16-07-2013	ATC	No	3930-3946	3930	3946	586	536	2.136	Yes	Yes	474	425	2.334	Yes	Yes				
174	Validation		81SB	A641 Huddersfield Road	SB	08-07-2013 to 16-07-2013	ATC	No	3946-3930	3946	3930	626	559	2.727	Yes	Yes	506	466	1.836	Yes	Yes				
177	Validation		83NB	A641 North of Birghouse	NB	05-07-2013 to 23-07-2013	ATC	No	3086-3085	3086	3085	539	573	1.436	Yes	Yes	436	460	1.132	Yes	Yes				
178	Validation		83SB	A641 North of Birghouse	SB	05-07-2013 to 23-07-2013	ATC	No	3085-3086	3085	3086	540	526	0.619	Yes	Yes	437	414	1.135	Yes	Yes				
179	Validation		84NB	A643 North of Anchor Bridge	NB	08-07-2013 to 16-07-2013	ATC	No	3039-3921	3039	3921	539	634	3.911	Yes	Yes	437	543	4.802	Yes	No				
180	Validation		84SB	A643 North of Anchor Bridge	SB	08-07-2013 to 16-07-2013	ATC	No	3921-3039	3921	3039	514	565	2.206	Yes	Yes	416	473	2.707	Yes	Yes				
203	Validation		96EB	A646 Halifax Road	EB	01-02-2013 to 07-02-2013	ATC	No	3667-3666	3667	3666	423	346	3.941	Yes	Yes	342	276	3.759	Yes	Yes				
204	Validation		96WB	A646 Halifax Road	WB	01-02-2013 to 07-02-2013	ATC	No	3666-3667	3666	3667	423	355	3.460	Yes	Yes	342	291	2.886	Yes	Yes				
205	Validation		97EB	A646 Burnley Road	EB	13-11-2013 to 22-11-2013	ATC	No	3618-3617	3618	3617	509	562	2.308	Yes	Yes	412	436	1.177	Yes	Yes				
206	Validation		97WB	A646 Burnley Road	WB	13-11-2013 to 22-11-2013	ATC	No	3617-3618	3617	3618	504	559	2.377	Yes	Yes	408	429	1.020	Yes	Yes				
227	Validation		108EB	Gibbet Street	EB	02-06-2014 to 17-06-2014	ATC	No	1567-1565	1567	1565	270	358	4.989	Yes	Yes	227	307	4.921	Yes	Yes				
228	Validation		108WB	Gibbet Street	WB	02-06-2014 to 17-06-2014	ATC	No	1565-1567	1565	1567	60	44	2.238	Yes	Yes	51	38	1.981	Yes	Yes				
234	Validation		112EB	Hopwood Lane	EB	02-06-2014 to 25-06-2014	ATC	No	1582-2723	1582	2723	138	178	3.230	Yes	Yes	116	160	3.776	Yes	Yes				
235	Validation		112WB	Hopwood Lane	WB	02-06-2014 to 25-06-2014	ATC	No	2723-1582	2723	1582	129	171	3.403	Yes	Yes	109	151	3.707	Yes	Yes				
236	Validation		113EB	Swires Road	EB	03-06-2013 to 12-06-2013	ATC	No	1058-1408	1058	1408	159	193	2.623	Yes	Yes	133	167	2.740	Yes	Yes				
237	Validation		113WB	Swires Road	WB	03-06-2013 to 12-06-2013	ATC	No	1408-1058	1408	1058	214	438	12.393	No	No	180	380	11.951	No	No				
238	Validation		114EB	Haugh Shaw Road	EB	02-06-2014 to 17-06-2014	ATC	No	1409-2366	1409	2366	127	385	16.102	No	No	107	383	17.621	No	No				
239	Validation		114WB	Haugh Shaw Road	WB	02-06-2014 to 17-06-2014	ATC	No	2366-1409	2366	1409	228	421	10.705	No	No	192	393	11.767	No	No				
262	Validation		126EB	Hopwood Lane	EB	04-11-2013 to 13-11-2013	ATC	No	2332-2341	2332	2341	104	118	1.376	Yes	Yes	87	110	2.323	Yes	Yes				
263	Validation		126WB	Hopwood Lane	WB	04-11-2013 to 13-11-2013	ATC	No	2341-2332	2341	2332	121	115	0.566	Yes	Yes	102	106	0.337	Yes	Yes				
272	Validation		131EB	Highroad Well Lane	EB	25-11-2013 to 03-12-2013	ATC	No	1375-2316	1375	2316	51	47	0.605	Yes	Yes	43	32	1.809	Yes	Yes				
273	Validation		131WB	Highroad Well Lane	WB	25-11-2013 to 03-12-2013	ATC	No	2316-1375	2316	1375	57	51	0.835	Yes	Yes	48	41	0.926	Yes	Yes				
280	Validation		135EB	Hullenedge Road	EB	25-11-2013 to 03-12-2013	ATC	No	3496-3372	3496	3372	24	97	9.363	No	Yes	20	88	9.185	No	Yes				
281	Validation		135WB	Hullenedge Road	WB	25-11-2013 to 03-12-2013	ATC	No	3372-3496	3372	3496	59	107	5.307	No	Yes	49	76	3.319	Yes	Yes				
286	Validation		138EB	Lower Edge Road	EB	14-11-2013 to 22-11-2013	ATC	No	3367-3366	3367	3366	174	137	2.925	Yes	Yes	146	106	3.545	Yes	Yes				
287	Validation		138WB	Lower Edge Road	WB	14-11-2013 to 22-11-2013	ATC	No	3366-3367	3366	3367	158	158	0.017	Yes	Yes	132	120	1.066	Yes	Yes				
302	Validation		146NB	B6114 Saddleworth Road	NB	08-01-2014 to 16-01-2014	ATC	No	3530-3533	3530	3533	82	138	5.369	No	Yes	69	106	3.982	Yes	Yes				
303	Validation		146SB	B6114 Saddleworth Road	SB	08-01-2014 to 16-01-2014	ATC	No	3533-3530	3533	3530	99	146	4.261	Yes	Yes	83	114	3.119	Yes	Yes				
304	Validation		147EB	Pellon Lane	EB	01-06-2014 to 30-06-2014	ATC	No	1575-1576	1575	1576	564	633	2.815	Yes	Yes	474	525	2.258	Yes	Yes				
305	Validation		147WB	Pellon Lane	WB	01-06-2014 to 30-06-2014	ATC	No	1576-1575	1576	1575	774	709	2.385	Yes	Yes	650	579	2.859	Yes	Yes				
306	Validation		148NB	Siddal New Road	NB	01-06-2014 to 30-06-2014	ATC	No	1189-1190	1189	1190	189	105	6.964	No	Yes	159	84	6.731	No	Yes				
307	Validation		148SB	Siddal New Road	SB	01-06-2014 to 30-06-2014	ATC	No	1190-1189	1190	1189	173	158	1.229	Yes	Yes	146	127	1.587	Yes	Yes				
312	Validation		151EB	A58 Whitehall Road	EB	14-08-2014 to 22-08-2014	ATC	No	3197-3209	3197	3209	505	501	0.181	Yes	Yes	409	353</							

359	Validation	173NB	Stainland Road (S)	NB	Oct-14	MCC	No	3948-3947	3948	3947	308	253	3.291	Yes	Yes	247	209	2.482	Yes	Yes
360	Validation	173SB	Stainland Road (S)	SB	Oct-14	MCC	No	3947-3948	3947	3948	289	294	0.311	Yes	Yes	237	250	0.800	Yes	Yes
369	Validation	174EB	Long Wall	EB	Oct-14	MCC	No	3488-3487	3488	3487	288	193	6.092	No	Yes	243	169	5.172	No	Yes
370	Validation	174WB	Long Wall	WB	Oct-14	MCC	No	3487-3488	3487	3488	265	251	0.820	Yes	Yes	220	223	0.249	Yes	Yes
393	Validation	178NB	Elland Riorges Link (N)	NB	Oct-14	MCC	No	3192-3263	3192	3263	370	478	5.239	No	No	298	385	4.674	Yes	Yes
394	Validation	178SB	Elland Riorges Link (N)	SB	Oct-14	MCC	No	3263-3192	3263	3192	540	675	5.488	No	No	425	546	5.496	No	No
395	Validation	178EB	Elland Riorges Link (W)	EB	Oct-14	MCC	No	3913-3192	3913	3192	525	629	4.350	Yes	No	434	522	4.026	Yes	Yes
396	Validation	178WB	Elland Riorges Link (W)	WB	Oct-14	MCC	No	3192-3913	3192	3913	710	867	5.604	No	No	567	726	6.253	No	No
439	Validation	188NB	Lightridge Road	NB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9524-9525	9524	9525	96	176	6.894	No	Yes	87	165	6.974	No	Yes
440	Validation	188SB	Lightridge Road	SB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9525-9524	9525	9524	91	178	7.529	No	Yes	80	170	8.067	No	Yes
473	Validation	205EB	New Hey Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3879-9512	3879	9512	699	830	4.757	Yes	No	621	718	3.730	Yes	Yes
474	Validation	205WB	New Hey Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9512-3879	9512	3879	736	755	0.712	Yes	Yes	647	670	0.919	Yes	Yes
507	Validation	222NB	Spen Lane	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9652-9653	9652	9653	238	325	5.199	No	Yes	207	276	4.407	Yes	Yes
508	Validation	222SB	Spen Lane	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9653-9652	9653	9652	267	289	1.350	Yes	Yes	232	248	1.001	Yes	Yes
513	Validation	225NB	Bradford Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9638-4280	9638	4280	586	605	0.762	Yes	Yes	469	505	1.612	Yes	Yes
514	Validation	225SB	Bradford Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	4280-9638	4280	9638	576	730	6.011	No	No	453	611	6.839	No	No
580	Validation	251WB	Water Lane	WB	Mar-16	CTC	No	1488-1016	1488	1016	122	116	0.472	Yes	Yes	99	89	1.025	Yes	Yes
581	Validation	251EB	Water Lane	EB	Mar-16	CTC	No	1016-1488	1016	1488	99	133	3.166	Yes	Yes	83	103	2.155	Yes	Yes
586	Validation	252SB	Portland Place	SB	Mar-16	CTC	No	2378-1024	2378	1024	525	519	0.276	Yes	Yes	421	410	0.555	Yes	Yes
587	Validation	252NB	Portland Place	NB	Mar-16	CTC	No	1024-2378	1024	2378	587	567	0.827	Yes	Yes	473	462	0.499	Yes	Yes
606	Validation	254SB	Pellon Lane	SB	Mar-16	CTC	No	2725-1028	2725	1028	303	314	0.648	Yes	Yes	263	277	0.889	Yes	Yes
607	Validation	254NB	Pellon Lane	NB	Mar-16	CTC	No	1028-2725	1028	2725	375	337	1.973	Yes	Yes	315	279	2.078	Yes	Yes
616	Validation	256SB	Orange Street	SB	Mar-16	CTC	No	1555-1029	1555	1029	536	681	5.888	No	No	444	595	6.622	No	No
617	Validation	256NB	Orange Street	NB	Mar-16	CTC	No	1029-1555	1029	1555	453	528	3.373	Yes	Yes	381	431	2.482	Yes	Yes
630	Validation	257EB	Broad Street	EB	Mar-16	CTC	No	1029-1175	1029	1175	224	261	2.394	Yes	Yes	191	252	4.105	Yes	Yes
631	Validation	257WB	Broad Street	WB	Mar-16	CTC	No	1175-1029	1175	1029	359	271	4.961	Yes	Yes	323	253	4.082	Yes	Yes
632	Validation	258SB	A629 North	SB	Mar-16	CTC	No	1548-1552	1548	1552	724	754	1.076	Yes	Yes	580	596	0.655	Yes	Yes
633	Validation	258NB	A629 North	NB	Mar-16	CTC	No	1552-1548	1552	1548	673	772	3.677	Yes	Yes	541	601	2.526	Yes	Yes
672	Validation	264WB	Dean Clough	WB	Mar-16	CTC	No	1629-1630	1629	1630	282	314	1.874	Yes	Yes	254	277	1.450	Yes	Yes
673	Validation	264EB	Dean Clough	EB	Mar-16	CTC	No	1630-1629	1630	1629	227	237	0.643	Yes	Yes	204	197	0.473	Yes	Yes
714	Validation	271EB	Berry Lane	EB	Mar-16	CTC	No	1612-1611	1612	1611	144	182	2.995	Yes	Yes	126	151	2.131	Yes	Yes
715	Validation	271WB	Berry Lane	WB	Mar-16	CTC	No	1611-1612	1611	1612	112	110	0.168	Yes	Yes	94	86	0.808	Yes	Yes
752	Validation	281EB	A646 Between Albert Road and Tuel Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	2288-2549	2288	2549	450	382	3.336	Yes	Yes	364	313	2.761	Yes	Yes
753	Validation	281WB	A646 Between Albert Road and Tuel Lane	WB	12th March 2016 to 22nd March 2016	ATC	No	2549-2288	2549	2288	476	460	0.725	Yes	Yes	385	374	0.578	Yes	Yes
776	Validation	292NB	Site 6 - Haley Hill between Range Lane and A58	NB	12th March 2016 to 22nd March 2016	ATC	No	1523-1524	1523	1524	490	341	7.325	No	No	408	279	6.972	No	No
777	Validation	292SB	Site 6 - Haley Hill between Range Lane and A58	SB	12th March 2016 to 22nd March 2016	ATC	No	1524-1523	1524	1523	539	342	9.377	No	No	458	288	8.802	No	No
800	Validation	295SB	Southowram Bank	SB	May-15	MCC	No	1177-1511	1177	1511	79	55	2.870	Yes	Yes	73	47	3.279	Yes	Yes
801	Validation	295NB	Southowram Bank	NB	May-15	MCC	No	1511-1177	1511	1177	82	139	5.381	No	Yes	77	121	4.465	Yes	Yes
808	Validation	297NB	Lower Kirkgate	NB	May-15	MCC	No	1022-1023	1022	1023	306	284	1.281	Yes	Yes	273	254	1.119	Yes	Yes
809	Validation	297SB	Lower Kirkgate	SB	May-15	MCC	No	1023-1022	1023	1022	380	413	1.655	Yes	Yes	344	374	1.573	Yes	Yes
834	Validation	300EB	Horton Street East	EB	May-15	MCC	No	1638-1645	1638	1645	221	31	16.974	No	No	203	28	16.371	No	No
835	Validation	300WB	Horton Street East	WB	May-15	MCC	No	1645-1638	1645	1638	130	113	1.591	Yes	Yes	122	103	1.772	Yes	Yes
842	Validation	302SB	South Parade	SB	May-15	MCC	No	1018-1635	1018	1635	429	415	0.700	Yes	Yes	389	379	0.500	Yes	Yes
843	Validation	302NB	South Parade	NB	May-15	MCC	No	1635-1018	1635	1018	478	433	2.115	Yes	Yes	432	386	2.244	Yes	Yes
874	Validation	302EB	Oxford Road East	EB	May-15	MCC	No	1015-1487	1015	1487	110	162	4.505	Yes	Yes	97	137	3.720	Yes	Yes
904	Validation	306EB	Winding Road	EB	May-15	MCC	No	1030-1620	1030	1620	357	365	0.426	Yes	Yes	316	342	1.434	Yes	Yes
905	Validation	306WB	Winding Road	WB	May-15	MCC	No	1620-1030	1620	1030	437	366	3.525	Yes	Yes	389	359	1.553	Yes	Yes

PM Validation												ALL VEHICLES					Cars				
ID	Calibration / Validation	Area	Ref	Site Location	Dir	Date	Data Type	Duplicate ?	Ref	A-Node	B-Node	Observed	Modelled	GEH	GEH Pass?	Flow Pass?	Observed	Modelled	GEH	GEH Pass?	Flow Pass?
13	Validation		7NB	A629 Huddersfield Road	NB	03/04/2014 - 16/04/2014	ATC	No	1462-1467	1462	1467	1218	1193	0.702	Yes	Yes	1108	1082	0.792	Yes	Yes
14	Validation		7SB	A629 Huddersfield Road	SB	03/04/2014 - 16/04/2014	ATC	No	1467-1462	1467	1462	1232	1514	7.603	No	No	1121	1403	7.946	No	No
19	Validation		8NEB	A629 Skircoat Road/Heath Road Junction	NEB	Apr-14	MCC	No	1407-1013	1407	1013	200	226	1.781	Yes	Yes	191	218	1.880	Yes	Yes
20	Validation		8SWB	A629 Skircoat Road/Heath Road Junction	SWB	Apr-14	MCC	No	1013-1407	1013	1407	336	423	4.477	Yes	Yes	312	403	4.817	Yes	Yes
41	Validation		12SB	A629 Huddersfield Road/Coronation Road/Stafford Avenue	SB	Apr-14	MCC	No	1400-2388	1400	2388	846	738	3.832	Yes	Yes	789	681	3.961	Yes	Yes
42	Validation		12NB	A629 Huddersfield Road/Coronation Road/Stafford Avenue	NB	Apr-14	MCC	No	2388-1400	2388	1400	881	844	1.235	Yes	Yes	785	775	0.362	Yes	Yes
67	Validation		16EB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	EB	Apr-14	MCC	No	2385-2387	2385	2387	284	368	4.695	Yes	Yes	258	342	4.838	Yes	Yes
68	Validation		16WB	A646 Dry Clough Lane/Calderdale Royal Hosp Access	WB	Apr-14	MCC	No	2387-2385	2387	2385	382	331	2.733	Yes	Yes	353	302	2.802	Yes	Yes
85	Validation		19NB	Skircoat Green Road/Heath Road	NB	Apr-14	MCC	No	2383-1010	2383	1010	300	315	0.845	Yes	Yes	280	307	1.603	Yes	Yes
86	Validation		19SB	Skircoat Green Road/Heath Road	SB	Apr-14	MCC	No	1010-2383	1010	2383	377	365	0.664	Yes	Yes	352	349	0.163	Yes	Yes
91	Validation		20NB	Heath Road/Free School Lane	NB	Apr-14	MCC	No	1401-1012	1401	1012	277	290	0.812	Yes	Yes	258	282	1.439	Yes	Yes
92	Validation		20SB	Heath Road/Free School Lane	SB	Apr-14	MCC	No	1012-1401	1012	1401	365	463	4.823	Yes	Yes	341	447	5.337	No	No
95	Validation		21NB	Slip onto M62	NB	Jun-14	TRADES	No	3427-3423	3427	3423	874	1092	6.959	No	No	480	960	17.884	No	No
96	Validation		22NB	M62 at Junction 25	NB	Jun-14	TRADES	No	3413-3421	3413	3421	3253	3230	0.397	Yes	Yes	2421	2728	6.048	No	Yes
97	Validation		23SB	M62 at Junction 25	SB	Jun-14	TRADES	Yes	3422-3414	3422	3414	4206	4171	0.536	Yes	Yes	3669	3632	0.611	Yes	Yes
100	Validation		26SB	Slip onto M62 at J23	SB	Jun-14	TRADES	No	3877-3537	3877	3537	289	482	9.815	No	No	262	421	8.603	No	No
101	Validation		27NB	Slip off M62 at J23	NB	Jun-14	TRADES	No	3536-3858	3536	3858	513	687	7.115	No	No	475	634	6.756	No	No
102	Validation		28SB	M62 Next to Laund Road	SB	Jun-14	TRADES	No	3398-3412	3398	3412	3622	3021	10.436	No	No	2649	2521	2.517	Yes	Yes
103	Validation		29NB	M62 Next to Laund Road	NB	Jun-14	TRADES	No	3411-3397	3411	3397	3060	2908	2.777	Yes	Yes	2275	2436	3.319	Yes	Yes
108	Validation		32EB	Elland Riorges Link	EB	Jun-14	ANPR	No	3254-3255	3254	3255	420	377	2.144	Yes	Yes	380	343	1.923	Yes	Yes
109	Validation		32WB	Elland Riorges Link	WB	Jun-14	ANPR	No	3256-3254	3256	3254	999	1083	2.594	Yes	Yes	932	1010	2.501	Yes	Yes
114	Validation		35NB	Bradford Old Road	NB	Jun-14	ATC	No	1443-1442	1443	1442	67	22	6.716	No	Yes	65	21	6.695	No	Yes
115	Validation		35SB	Bradford Old Road	SB	Jun-14	ATC	No	1442-1443	1442	1443	60	132	7.347	No	Yes	58	130	7.391	No	Yes
116	Validation		36EB	B6114 Dewsbury Road	EB	Jun-14	ATC	No	3187-4104	3187	4104	535	529	0.294	Yes	Yes	522	498	1.049	Yes	Yes
117	Validation		36WB	B6114 Dewsbury Road	WB	Jun-14	ATC	No	4104-3187	4104	3187	427	352	3.790	Yes	Yes	410	319	4.770	Yes	Yes
118	Validation		37NB	A6025 Park Road	NB	Jun-14	ATC	No	3358-3245	3358	3245	549	534	0.656	Yes	Yes	531	482	2.176	Yes	Yes
119	Validation		37SB	A6025 Park Road	SB	Jun-14	ATC	No	3245-3358	3245	3358	595	577	0.766	Yes	Yes	575	542	1.360	Yes	Yes
120	Validation		38EB	A646 Skircoat Moor Road	EB	Jun-14	ATC	No	1389-1062	1389	1062	393	353	2.054	Yes	Yes	380	312	3.675	Yes	Yes
121	Validation		38WB	A646 Skircoat Moor Road	WB	Jun-14	ATC	No	1062-1389	1062	1389	380	235	8.278	No	No	365	202	9.722	No	No
157	Validation		66EB	A6026 Wakefield Road	EB	19-06-2013 to 01-07-2013	ATC	No	2272-1092	2272	1092	466	440	1.247	Yes	Yes	424	383	2.051	Yes	Yes
158	Validation		67WB	A6026 Wakefield Road	WB	19-06-2013 to 01-07-2013	ATC	No	1092-2272	1092	2272	742	421	13.286	No	No	675	374	13.145	No	No
173	Validation		81NB	A641 Huddersfield Road	NB	08-07-2013 to 16-07-2013	ATC	No	3930-3946	3930	3946	759	773	0.517	Yes	Yes	690	677	0.510	Yes	Yes
174	Validation		81SB	A641 Huddersfield Road	SB	08-07-2013 to 16-07-2013	ATC	No	3946-3930	3946	3930	926	1044	3.765	Yes	Yes	842	973	4.363	Yes	No
177	Validation		83NB	A641 North of Birghouse	NB	05-07-2013 to 23-07-2013	ATC	No	3086-3085	3086	3085	763	709	2.006	Yes	Yes	694	643	1.986	Yes	Yes
178	Validation		83SB	A641 North of Birghouse	SB	05-07-2013 to 23-07-2013	ATC	No	3085-3086	3085	3086	861	765	3.352	Yes	Yes	783	718	2.395	Yes	Yes
179	Validation		84NB	A643 North of Anchor Bridge	NB	08-07-2013 to 16-07-2013	ATC	No	3039-3921	3039	3921	633	603	1.224	Yes	Yes	576	542	1.429	Yes	Yes
180	Validation		84SB	A643 North of Anchor Bridge	SB	08-07-2013 to 16-07-2013	ATC	No	3921-3039	3921	3039	814	599	8.104	No	No	741	554	7.329	No	No
203	Validation		96EB	A646 Halifax Road	EB	01-02-2013 to 07-02-2013	ATC	No	3667-3666	3667	3666	478	397	3.848	Yes	Yes	435	364	3.564	Yes	Yes
204	Validation		96WB	A646 Halifax Road	WB	01-02-2013 to 07-02-2013	ATC	No	3666-3667	3666	3667	563	448	5.140	No	No	513	402	5.190	No	No
205	Validation		97EB	A646 Burnley Road	EB	13-11-2013 to 22-11-2013	ATC	No	3618-3617	3618	3617	562	597	1.481	Yes	Yes	511	514	0.156	Yes	Yes
206	Validation		97WB	A646 Burnley Road	WB	13-11-2013 to 22-11-2013	ATC	No	3617-3618	3617	3618	652	679	1.033	Yes	Yes	593	597	0.139	Yes	Yes
227	Validation		108EB	Gibbet Street	EB	02-06-2014 to 17-06-2014	ATC	No	1567-1565	1567	1565	273	293	1.196	Yes	Yes	251	274	1.436	Yes	Yes
228	Validation		108WB	Gibbet Street	WB	02-06-2014 to 17-06-2014	ATC	No	1565-1567	1565	1567	71	110	4.054	Yes	Yes	65	100	3.874	Yes	Yes
234	Validation		112EB	Hopwood Lane	EB	02-06-2014 to 25-06-2014	ATC	No	1582-2723	1582	2723	164	192	2.130	Yes	Yes	150	192	3.180	Yes	Yes
235	Validation		112WB	Hopwood Lane	WB	02-06-2014 to 25-06-2014	ATC	No	2723-1582	2723	1582	165	211	3.396	Yes	Yes	151	200	3.733	Yes	Yes
236	Validation		113EB	Swires Road	EB	03-06-2013 to 12-06-2013	ATC	No	1058-1408	1058	1408	210	145	4.907	Yes	Yes	193	142	3.892	Yes	Yes
237	Validation		113WB	Swires Road	WB	03-06-2013 to 12-06-2013	ATC	No	1408-1058	1408	1058	320	373	2.873	Yes	Yes	293	364	3.926	Yes	Yes
238	Validation		114EB	Haugh Shaw Road	EB	02-06-2014 to 17-06-2014	ATC	No	1409-2366	1409	2366	167	348	11.258	No	No	153	345	12.167	No	No
239	Validation		114WB	Haugh Shaw Road	WB	02-06-2014 to 17-06-2014	ATC	No	2366-1409	2366	1409	374	314	3.207	Yes	Yes	342	313	1.633	Yes	Yes
262	Validation		126EB	Hopwood Lane	EB	04-11-2013 to 13-11-2013	ATC	No	2332-2341	2332	2341	145	108	3.317	Yes	Yes	133	108	2.298	Yes	Yes
263	Validation		126WB	Hopwood Lane	WB	04-11-2013 to 13-11-2013	ATC	No	2341-2332	2341	2332	192	175	1.256	Yes	Yes	176	168	0.636	Yes	Yes
272	Validation		131EB	Highroad Well Lane	EB	25-11-2013 to 03-12-2013	ATC	No	1375-2316	1375	2316	52	87	4.223	Yes	Yes	47	64	2.179	Yes	Yes
273	Validation		131WB	Highroad Well Lane	WB	25-11-2013 to 03-12-2013	ATC	No	2316-1375	2316	1375	110	89	2.118	Yes	Yes	101	87	1.432	Yes	Yes
280	Validation		135EB	Hullenedge Road	EB	25-11-2013 to 03-12-2013	ATC	No	3486-3372	3486	3372	26	23	0.522	Yes	Yes	24	23	0.097	Yes	Yes
281	Validation		135WB	H																	

307	Validation	148SB	Siddal New Road	SB	01-06-2014 to 30-06-2014	ATC	No	1190-1189	1190	1189	379	511	6.240	No	No	348	492	7.027	No	No
312	Validation	151EB	A58 Whitehall Road	EB	14-08-2014 to 22-08-2014	ATC	No	3197-3209	3197	3209	621	618	0.115	Yes	Yes	565	557	0.339	Yes	Yes
313	Validation	151WB	A58 Whitehall Road	WB	14-08-2014 to 22-08-2014	ATC	No	3209-3197	3209	3197	822	848	0.899	Yes	Yes	748	749	0.058	Yes	Yes
345	Validation	171NB	Blackley Road	NB	Oct-14	MCC	No	3476-3477	3476	3477	323	422	5.105	No	Yes	280	370	4.941	Yes	Yes
346	Validation	171SB	Blackley Road	SB	Oct-14	MCC	No	3477-3476	3477	3476	350	455	5.252	No	No	318	399	4.251	Yes	Yes
359	Validation	173NB	Stainland Road (S)	NB	Oct-14	MCC	No	3948-3947	3948	3947	526	546	0.874	Yes	Yes	461	482	0.961	Yes	Yes
360	Validation	173SB	Stainland Road (S)	SB	Oct-14	MCC	No	3947-3948	3947	3948	532	453	3.561	Yes	Yes	480	412	3.184	Yes	Yes
369	Validation	174EB	Long Wall	EB	Oct-14	MCC	No	3488-3487	3488	3487	332	431	5.052	No	Yes	299	411	5.928	No	No
370	Validation	174WB	Long Wall	WB	Oct-14	MCC	No	3487-3488	3487	3488	331	221	6.642	No	No	299	193	6.776	No	No
393	Validation	178NB	Elland Riorges Link (N)	NB	Oct-14	MCC	No	3192-3263	3192	3263	481	667	7.787	No	No	423	629	8.990	No	No
394	Validation	178SB	Elland Riorges Link (N)	SB	Oct-14	MCC	No	3263-3192	3263	3192	828	1167	10.762	No	No	756	1069	10.341	No	No
395	Validation	178EB	Elland Riorges Link (W)	EB	Oct-14	MCC	No	3913-3192	3913	3192	760	1015	8.556	No	No	678	972	10.238	No	No
396	Validation	178WB	Elland Riorges Link (W)	WB	Oct-14	MCC	No	3192-3913	3192	3913	1000	1480	13.638	No	No	905	1375	13.933	No	No
439	Validation	188NB	Lightridge Road	NB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9524-9525	9524	9525	143	255	7.945	No	No	137	243	7.886	No	No
440	Validation	188SB	Lightridge Road	SB	14th March 2015 to 27th March 2015	ATC split by MCC	No	9525-9524	9525	9524	149	310	10.682	No	No	145	308	10.855	No	No
473	Validation	205EB	New Hey Road	EB	11th March 2015 to 24th March 2015	ATC split by MCC	No	3879-9512	3879	9512	709	950	8.361	No	No	653	912	9.283	No	No
474	Validation	205WB	New Hey Road	WB	11th March 2015 to 24th March 2015	ATC split by MCC	No	9512-3879	9512	3879	877	970	3.061	Yes	Yes	818	912	3.186	Yes	Yes
507	Validation	222NB	Spen Lane	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9652-9653	9652	9653	281	404	6.626	No	No	255	360	5.983	No	No
508	Validation	222SB	Spen Lane	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9653-9652	9653	9652	355	277	4.386	Yes	Yes	320	252	4.011	Yes	Yes
513	Validation	225NB	Bradford Road	NB	12th March 2015 to 25th March 2015	ATC split by MCC	No	9638-4280	9638	4280	582	582	0.024	Yes	Yes	512	529	0.748	Yes	Yes
514	Validation	225SB	Bradford Road	SB	12th March 2015 to 25th March 2015	ATC split by MCC	No	4280-9638	4280	9638	744	766	0.819	Yes	Yes	685	709	0.917	Yes	Yes
580	Validation	251WB	Water Lane	WB	Mar-16	CTC	No	1488-1016	1488	1016	189	282	6.083	No	Yes	179	266	5.850	No	Yes
581	Validation	251EB	Water Lane	EB	Mar-16	CTC	No	1016-1488	1016	1488	301	371	3.825	Yes	Yes	276	371	5.321	No	Yes
586	Validation	252SB	Portland Place	SB	Mar-16	CTC	No	2378-1024	2378	1024	623	578	1.837	Yes	Yes	555	512	1.885	Yes	Yes
587	Validation	252NB	Portland Place	NB	Mar-16	CTC	No	1024-2378	1024	2378	634	712	3.019	Yes	Yes	557	616	2.427	Yes	Yes
606	Validation	254SB	Pellon Lane	SB	Mar-16	CTC	No	2725-1028	2725	1028	275	277	0.140	Yes	Yes	259	265	0.399	Yes	Yes
607	Validation	254NB	Pellon Lane	NB	Mar-16	CTC	No	1028-2725	1028	2725	304	244	3.663	Yes	Yes	286	222	4.059	Yes	Yes
616	Validation	256SB	Orange Street	SB	Mar-16	CTC	No	1555-1029	1555	1029	607	644	1.458	Yes	Yes	550	591	1.699	Yes	Yes
617	Validation	256NB	Orange Street	NB	Mar-16	CTC	No	1029-1555	1029	1555	763	938	6.016	No	No	700	843	5.162	No	No
630	Validation	257EB	Broad Street	EB	Mar-16	CTC	No	1029-1175	1029	1175	341	327	0.738	Yes	Yes	308	325	0.953	Yes	Yes
631	Validation	257WB	Broad Street	WB	Mar-16	CTC	No	1175-1029	1175	1029	426	382	2.208	Yes	Yes	405	369	1.812	Yes	Yes
632	Validation	258SB	A629 North	SB	Mar-16	CTC	No	1548-1552	1548	1552	837	891	1.853	Yes	Yes	760	816	2.007	Yes	Yes
633	Validation	258NB	A629 North	NB	Mar-16	CTC	No	1552-1548	1552	1548	1211	1285	2.102	Yes	Yes	1086	1155	2.074	Yes	Yes
672	Validation	264WB	Dean Clough	WB	Mar-16	CTC	No	1629-1630	1629	1630	432	455	1.067	Yes	Yes	406	453	2.279	Yes	Yes
673	Validation	264EB	Dean Clough	EB	Mar-16	CTC	No	1630-1629	1630	1629	304	264	2.383	Yes	Yes	295	249	2.782	Yes	Yes
714	Validation	271EB	Berry Lane	EB	Mar-16	CTC	No	1612-1611	1612	1611	321	234	5.207	No	Yes	291	211	5.052	No	Yes
715	Validation	271WB	Berry Lane	WB	Mar-16	CTC	No	1611-1612	1611	1612	239	248	0.543	Yes	Yes	221	248	1.710	Yes	Yes
752	Validation	281EB	A646 Between Albert Road and Tuel Lane	EB	12th March 2016 to 22nd March 2016	ATC	No	2288-2549	2288	2549	476	562	3.797	Yes	Yes	433	500	3.102	Yes	Yes
753	Validation	281WB	A646 Between Albert Road and Tuel Lane	WB	12th March 2016 to 22nd March 2016	ATC	No	2549-2288	2549	2288	758	625	5.043	No	No	689	545	5.830	No	No
776	Validation	292NB	Site 6 - Haley Hill between Range Lane and A58	NB	12th March 2016 to 22nd March 2016	ATC	No	1523-1524	1523	1524	783	674	4.024	Yes	Yes	712	637	2.884	Yes	Yes
777	Validation	292SB	Site 6 - Haley Hill between Range Lane and A58	SB	12th March 2016 to 22nd March 2016	ATC	No	1524-1523	1524	1523	682	495	7.722	No	No	618	432	8.116	No	No
800	Validation	295SB	Southowram Bank	SB	May-15	MCC	No	1177-1511	1177	1511	247	126	8.882	No	No	235	117	8.867	No	No
801	Validation	295NB	Southowram Bank	NB	May-15	MCC	No	1511-1177	1511	1177	140	92	4.493	Yes	Yes	128	90	3.714	Yes	Yes
808	Validation	297NB	Lower Kirkgate	NB	May-15	MCC	No	1022-1023	1022	1023	652	587	2.627	Yes	Yes	607	587	0.841	Yes	Yes
809	Validation	297SB	Lower Kirkgate	SB	May-15	MCC	No	1023-1022	1023	1022	556	476	3.535	Yes	Yes	522	444	3.559	Yes	Yes
834	Validation	300EB	Horton Street East	EB	May-15	MCC	No	1638-1645	1638	1645	246	229	1.075	Yes	Yes	240	205	2.350	Yes	Yes
835	Validation	300WB	Horton Street East	WB	May-15	MCC	No	1645-1638	1645	1638	102	100	0.161	Yes	Yes	98	99	0.152	Yes	Yes
842	Validation	302SB	South Parade	SB	May-15	MCC	No	1018-1635	1018	1635	522	470	2.334	Yes	Yes	495	451	1.985	Yes	Yes
843	Validation	302NB	South Parade	NB	May-15	MCC	No	1635-1018	1635	1018	565	502	2.746	Yes	Yes	538	501	1.624	Yes	Yes
874	Validation	302EB	Oxford Road East	EB	May-15	MCC	No	1015-1487	1015	1487	180	354	10.618	No	No	167	354	11.533	No	No
904	Validation	306EB	Winding Road	EB	May-15	MCC	No	1030-1620	1030	1620	372	401	1.490	Yes	Yes	341	388	2.458	Yes	Yes
905	Validation	306WB	Winding Road	WB	May-15	MCC	No	1620-1030	1620	1030	577	631	2.223	Yes	Yes	546	631	3.503	Yes	Yes