

Appendix B – Screenline Calibration / Validation

AM Screenline Summary

Screenline	Dir.	Obs (pcu)	Mod (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
1	NB	1,767	1,679	-88	-5%	2.1	✓	✓
	SB	3,356	3,107	-249	-7%	4.4	✓	✗
2	EB	1,895	1,833	-62	-3%	1.4	✓	✓
	WB	3,723	3,538	-185	-5%	3.1	✓	✓
3	NB	1,371	1,280	-91	-7%	2.5	✓	✓
	SB	1,538	1,444	-95	-6%	2.4	✓	✓
4	EB	5,344	5,123	-221	-4%	3.1	✓	✓
	WB	3,965	3,935	-30	-1%	0.5	✓	✓
5	NB	5,272	5,445	174	3%	2.4	✓	✓
	SB	4,212	4,348	136	3%	2.1	✓	✓
6	EB	7,206	7,283	77	1%	0.9	✓	✓
	WB	6,051	5,833	-219	-4%	2.8	✓	✓
7	EB	5,555	5,569	14	0%	0.2	✓	✓
	WB	6,128	6,165	37	1%	0.5	✓	✓
Screenlines Passed							14/14	13/14
Screenlines Pass Rate							100%	93%

AM Screenlines Calibration & Validation – Screenline 1

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 1 – Northbound										
A57 Saxilby Rd	119530689	119520663	Calibration	346	403	57	16%	2.9	✓	✓
Fen Ln	119538005	119523323	Validation	73	39	-34	-47%	4.6	✓	✓
B1398 Middle St	4135	5631	Calibration	166	78	-88	-53%	8.0	✓	✗
A15	119531101	4560	Calibration	520	447	-73	-14%	3.3	✓	✓
A46 Lincoln Rd	119529293	119537502	Calibration	661	712	51	8%	1.9	✓	✓
Screenline Total				1,767	1,679	-88	-5%	2.1	✓	✓
Screenline 1 – Southbound										
A57 Saxilby Rd	119520663	119530689	Calibration	652	703	51	8%	2.0	✓	✓
Fen Ln	119523323	119538005	Calibration	110	33	-77	-70%	9.1	✓	✗
B1398 Middle St	5631	4135	Calibration	642	636	-6	-1%	0.2	✓	✓
A15	4560	119531101	Calibration	910	680	-230	-25%	8.1	✗	✗
A46 Lincoln Rd	119537502	119529293	Calibration	1,042	1,053	12	1%	0.4	✓	✓
Screenline Total				3,356	3,107	-249	-7%	4.4	✓	✗

AM Screenlines Calibration & Validation – Screenline 2

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 2 – Eastbound										
A158 Wragby Rd	119532410	119512694	Calibration	481	511	30	6%	1.3	✓	✓
Hawthorn Rd	119545621	119531885	Calibration	259	192	-67	-26%	4.5	✓	✓
Greetwell Rd	119516693	119545527	Calibration	123	151	28	22%	2.4	✓	✓
B1190 Washingborough Rd	119525748	119545520	Calibration	124	117	-7	-6%	0.6	✓	✓
Heighington Rd	119524079	119521125	Validation	97	58	-39	-40%	4.4	✓	✓
B1188 Lincoln Rd	119542251	119545512	Calibration	296	286	-10	-3%	0.6	✓	✓
A15 Sleaford Rd	119542296	119545503	Calibration	514	518	3	1%	0.2	✓	✓
Screenline Total				1,895	1,833	-62	-3%	1.4	✓	✓
Screenline 2 – Westbound										
A158 Wragby Rd	119512694	119532410	Calibration	612	672	60	10%	2.4	✓	✓
Hawthorn Rd	119531885	119545621	Calibration	506	440	-66	-13%	3.0	✓	✓
Greetwell Rd	119545527	119516693	Calibration	563	546	-17	-3%	0.7	✓	✓
B1190 Washingborough Rd	119545520	119525748	Calibration	443	505	62	14%	2.8	✓	✓
Heighington Rd	119521125	119524079	Calibration	307	204	-103	-34%	6.4	✗	✗
B1188 Lincoln Rd	119545512	119542251	Calibration	712	694	-18	-2%	0.7	✓	✓
A15 Sleaford Rd	119545503	119542296	Calibration	580	477	-103	-18%	4.5	✗	✓
Screenline Total				3,723	3,538	-185	-5%	3.1	✓	✓

AM Screenlines Calibration & Validation – Screenline 3

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 3 – Northbound										
Bloxholm Ln	119525811	119545622	Calibration	101	60	-42	-41%	4.6	✓	✓
A15 Sleaford Rd	119529229	119545504	Calibration	479	418	-61	-13%	2.9	✓	✓
A607 Grantham Rd	119535799	119544516	Calibration	428	376	-52	-12%	2.6	✓	✓
Brant Rd	119518650	119526790	Calibration	363	426	63	17%	3.2	✓	✓
Screenline Total				1,371	1,280	-91	-7%	2.5	✓	✓
Screenline 3 – Southbound										
Bloxholm Ln	119545622	119525811	Validation	100	31	-68	-69%	8.4	✓	✗
A15 Sleaford Rd	119545504	119529229	Calibration	419	486	67	16%	3.2	✓	✓
A607 Grantham Rd	119544516	119535799	Calibration	575	447	-127	-22%	5.6	✗	✗
Brant Rd	119526790	119518650	Calibration	444	478	34	8%	1.6	✓	✓
Screenline Total				1,538	1,444	-95	-6%	2.4	✓	✓

AM Screenlines Calibration & Validation – Screenline 4

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 4 – Eastbound										
Lincoln Rd	119513975	119524365	Calibration	392	419	27	7%	1.3	✓	✓
A1434 Newark Rd	119531204	165	Calibration	636	589	-48	-8%	1.9	✓	✓
B1190 Doddington Rd	119545645	119530811	Validation	507	744	237	47%	9.5	✗	✗
B1378 Skellingthorpe Rd	119536558	119516921	Validation	1,085	888	-196	-18%	6.3	✗	✗
A46	119514146	119536562	Calibration	1,962	1,747	-215	-11%	5.0	✓	✓
A57 Saxilby Rd	119520663	119530689	Calibration	652	703	51	8%	2.0	✓	✓
Fen Ln	119523323	119538005	Calibration	110	33	-77	-70%	9.1	✓	✗
Screenline Total				5,344	5,123	-221	-4%	3.1	✓	✓
Screenline 4 – Westbound										
Lincoln Rd	119524365	119513975	Calibration	308	272	-36	-12%	2.1	✓	✓
A1434 Newark Rd	165	119531204	Calibration	597	527	-70	-12%	3.0	✓	✓
B1190 Doddington Rd	119530811	119545645	Validation	728	896	168	23%	5.9	✗	✗
B1378 Skellingthorpe Rd	119516921	119536558	Validation	485	389	-96	-20%	4.6	✓	✓
A46	119531738	119529131	Calibration	1,428	1,409	-19	-1%	0.5	✓	✓
A57 Saxilby Rd	119530689	119520663	Calibration	346	403	57	16%	2.9	✓	✓
Fen Ln	119538005	119523323	Validation	73	39	-34	-47%	4.6	✓	✓
Screenline Total				3,965	3,935	-30	-1%	0.5	✓	✓

AM Screenlines Calibration & Validation – Screenline 5

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 5 – Northbound										
A15 Canwick Rd	119532688	119522918	Calibration	1,994	2,062	69	3%	1.5	✓	✓
B1262 High St	119516576	119514127	Calibration	368	405	37	10%	1.9	✓	✓
B1003 Brayford Wharf East	119517044	119518823	Validation	86	29	-57	-66%	7.6	✓	✗
Brayford Way	119526713	119527712	Calibration	862	1,202	340	39%	10.6	✗	✗
A46	119514146	119536562	Calibration	1,962	1,747	-215	-11%	5.0	✓	✓
Screenline Total				5,272	5,445	174	3%	2.4	✓	✓
Screenline 5 – Southbound										
A15 Canwick Rd	119522918	119532688	Calibration	1,216	1,045	-171	-14%	5.1	✓	✗
B1262 High St	119514127	119516576	Calibration	315	591	276	88%	13.0	✗	✗
B1003 Brayford Wharf East	119518823	119517044	Calibration	206	370	164	79%	9.6	✗	✗
Brayford Way	119527712	119526713	Calibration	1,046	932	-114	-11%	3.6	✓	✓
A46	119531738	119529131	Calibration	1,428	1,409	-19	-1%	0.5	✓	✓
Screenline Total				4,212	4,348	136	3%	2.1	✓	✓

AM Screenlines Calibration & Validation – Screenline 6

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 6 – Eastbound										
A46	119529186	119528632	Validation	981	999	18	2%	0.6	✓	✓
Scopwick PI	119524096	119536786	Validation	250	311	61	24%	3.6	✓	✓
B1273 Longdales Rd	119527203	119545636	Validation	583	774	191	33%	7.3	✗	✗
Broadway	119525820	119528801	Validation	139	137	-2	-1%	0.2	✓	✓
Newport	119525571	119529003	Validation	352	147	-204	-58%	12.9	✗	✗
Mildmay St	119533604	119536871	Validation	31	78	47	150%	6.3	✓	✗
Burton Rd	119518285	119515671	Validation	501	403	-99	-20%	4.6	✓	✓
Upper Long Leys Rd	119519544	119529869	Validation	19	0	-19	-99%	6.1	✓	✗
Carline Rd	119528366	119539263	Validation	87	22	-65	-75%	8.8	✓	✗
B1308 West Parade	119524201	119524200	Validation	424	372	-52	-12%	2.6	✓	✓
A57 Newland	119532301	119525809	Validation	879	1,094	214	24%	6.8	✗	✗
Brayford Wharf North	119534515	119514190	Validation	51	0	-51	-100%	10.1	✓	✗
B1003 Ropewalk	119541066	119528600	Validation	698	634	-64	-9%	2.5	✓	✓
Beevor St	119512888	119535466	Validation	165	131	-34	-21%	2.8	✓	✓
B1360 Valentine Rd	119518113	119519166	Validation	429	345	-84	-20%	4.3	✓	✓
Skellingthorpe Rd	119525974	5198	Validation	282	389	107	38%	5.8	✗	✗
Moorland Ave	119526358	119536569	Validation	263	177	-86	-33%	5.8	✓	✗
B1190 Doddington Rd	119532776	119534353	Validation	181	72	-109	-60%	9.7	✗	✗
A1434 Newark Rd	119526471	171	Validation	462	799	338	73%	13.5	✗	✗

Hykeham Rd	119538384	119521800	Validation	429	400	-29	-7%	1.4	✓	✓
A46	119514146	119536562	Calibration	981	999	18	2%	0.6	✓	✓
Screenline Total				7,206	7,283	77	1%	0.9	✓	✓
Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 6 – Westbound										
A46	119528632	119529186	Validation	805	860	55	7%	1.9	✓	✓
Scopwick PI	119536786	119524096	Validation	213	184	-29	-14%	2.1	✓	✓
B1273 Longdales Rd	119545636	119527203	Validation	763	711	-52	-7%	1.9	✓	✓
Broadway	119528801	119525820	Validation	28	24	-4	-16%	0.9	✓	✓
Newport	119529003	119525571	Validation	127	105	-22	-17%	2.0	✓	✓
Mildmay St	119536871	119533604	Validation	72	79	7	10%	0.8	✓	✓
Burton Rd	119515671	119518285	Validation	37	39	2	5%	0.3	✓	✓
Upper Long Leys Rd	119529869	119519544	Validation	105	108	3	3%	0.3	✓	✓
Carline Rd	119539263	119528366	Validation	33	30	-3	-8%	0.5	✓	✓
B1308 West Parade	119524200	119524201	Validation	393	730	337	86%	14.2	✗	✗
A57 Newland	119525809	119532301	Validation	490	250	-240	-49%	12.5	✗	✗
Brayford Wharf North	119514190	119534515	Validation	11	0	-11	-100%	4.7	✓	✓
B1003 Ropewalk	119528600	119524325	Validation	294	528	235	80%	11.6	✗	✗
Beevor St	119535466	119512888	Validation	78	106	28	35%	2.9	✓	✓
B1360 Valentine Rd	119519166	119518113	Validation	676	273	-403	-60%	18.5	✗	✗
Skellingthorpe Rd	5198	119525974	Validation	278	288	11	4%	0.6	✓	✓
Moorland Ave	119536569	119526358	Validation	365	322	-43	-12%	2.3	✓	✓
B1190 Doddington Rd	119534353	119532776	Validation	428	366	-62	-14%	3.1	✓	✓

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A1434 Newark Rd	171	119526471	Validation	300	241	-59	-20%	3.6	✓	✓
Hykeham Rd	119521800	119538384	Validation	555	588	33	6%	1.4	✓	✓
Screenline Total				6,051	5,833	-219	-4%	2.8	✓	✓

AM Screenlines Calibration & Validation – Screenline 7

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 7 – Eastbound										
A158	119516326	119515142	Calibration	820	635	-185	-23%	6.9	✘	✘
Wolsey Way	119519162	5124	Validation	133	108	-25	-19%	2.3	✓	✓
Outer Circle Dr	119519672	119529037	Calibration	301	250	-51	-17%	3.1	✓	✓
Oval Approach	119535701	119514617	Validation	56	59	3	6%	0.4	✓	✓
B1182 Ruskin Ave	119513411	119515357	Calibration	565	683	118	21%	4.7	✘	✓
Byron Ave	119524094	119524093	Validation	99	112	13	13%	1.3	✓	✓
Lee Rd	119534350	119536525	Validation	512	454	-58	-11%	2.7	✓	✓
East Gate	119524011	119526595	Validation	77	80	3	4%	0.3	✓	✓
A15 Wragby Rd	119529580	119523371	Validation	972	1,008	36	4%	1.1	✓	✓
B1308 Monks Rd	119524816	119517474	Calibration	467	564	97	21%	4.3	✓	✓
Croft St	119516165	119522506	Calibration	155	26	-129	-83%	13.6	✘	✘
Waterside North	119535794	119527059	Validation	26	67	41	155%	6.0	✓	✘
Waterside South	119537117	119541695	Validation	53	127	74	139%	7.8	✓	✘
Great Northern Terrace	119521029	119531615	Calibration	319	419	100	31%	5.2	✘	✘
Washingborough Rd	119534820	3533	Calibration	125	117	-8	-6%	0.7	✓	✓
Heightington Rd	119518310	2821	Validation	64	58	-6	-10%	0.8	✓	✓
B1188 Lincoln Rd	119542251	119545512	Calibration	296	286	-10	-3%	0.6	✓	✓
A15 London Rd	119542296	119545503	Calibration	514	518	3	1%	0.2	✓	✓
Screenline Total				5,555	5,569	14	0%	0.2	✓	✓

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 7 – Westbound										
A158	119515142	119516326	Calibration	675	532	-143	-21%	5.8	✘	✘
Wolsey Way	5124	119519162	Validation	194	186	-8	-4%	0.6	✓	✓
Outer Circle Dr	119529037	119519672	Calibration	182	180	-2	-1%	0.1	✓	✓
Oval Approach	119514617	119535701	Validation	63	54	-9	-15%	1.2	✓	✓
B1182 Ruskin Ave	119515357	119513411	Calibration	808	455	-353	-44%	14.0	✘	✘
Byron Ave	119524093	119524094	Validation	35	39	4	13%	0.7	✓	✓
Lee Rd	119536525	119534350	Validation	219	170	-49	-22%	3.5	✓	✓
East Gate	119526595	119524011	Calibration	224	141	-83	-37%	6.1	✓	✘
A15 Wragby Rd	119523371	119529580	Calibration	625	1,253	628	100%	20.5	✘	✘
Lindum Terrace	119533260	119537871	Validation	106	129	23	22%	2.1	✓	✓
B1308 Monks Rd	119517474	119524816	Calibration	349	500	152	43%	7.4	✘	✘
Croft St	119522506	119516165	Calibration	351	247	-104	-30%	6.0	✘	✘
Waterside North	119527059	119535794	Calibration	147	197	50	34%	3.8	✓	✓
Waterside South	119541695	119537117	Calibration	178	85	-93	-52%	8.1	✓	✘
Great Northern Terrace	119531615	119521029	Calibration	122	116	-6	-5%	0.6	✓	✓
Washingborough Rd	3533	119534820	Calibration	448	505	57	13%	2.6	✓	✓
Heightington Rd	2821	119518310	Validation	110	204	94	85%	7.5	✓	✘
B1188 Lincoln Rd	119545512	119542251	Calibration	712	694	-18	-2%	0.7	✓	✓
A15 London Rd	119545503	119542296	Calibration	580	477	-103	-18%	4.5	✘	✓
Screenline Total				6,128	6,165	37	1%	0.5	✓	✓

IP Screenline Summary

Screenline	Dir.	Obs (pcu)	Mod (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
1	NB	1,814	1,868	54	3%	1.2	✓	✓
	SB	1,840	1,735	-105	-6%	2.5	✓	✓
2	EB	1,928	2,042	114	6%	2.6	✓	✓
	WB	1,843	1,866	23	1%	0.5	✓	✓
3	NB	855	866	10	1%	0.4	✓	✓
	SB	1,021	1,081	60	6%	1.8	✓	✓
4	EB	3,512	3,737	226	6%	3.8	✓	✓
	WB	3,617	3,758	141	4%	2.3	✓	✓
5	NB	3,510	3,700	190	5%	3.2	✓	✓
	SB	3,904	4,164	260	7%	4.1	✓	*
6	EB	5,593	5,364	-229	-4%	3.1	✓	✓
	WB	5,471	5,315	-156	-3%	2.1	✓	✓
7	EB	4,804	4,700	-104	-2%	1.5	✓	✓
	WB	5,318	5,079	-240	-5%	3.3	✓	✓
Screenlines Passed							14/14	13/14
Screenlines Pass Rate							100%	93%

IP Screenlines Calibration & Validation – Screenline 1

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 1 – Northbound										
A57 Saxilby Rd	119530689	119520663	Calibration	526	555	30	6%	1.3	✓	✓
Fen Ln	119538005	119523323	Validation	40	0	-40	-100%	8.9	✓	✗
B1398 Middle St	4135	5631	Calibration	190	142	-48	-25%	3.7	✓	✓
A15	119531101	4560	Calibration	506	589	83	16%	3.6	✓	✓
A46 Lincoln Rd	119529293	119537502	Calibration	553	582	28	5%	1.2	✓	✓
Screenline Total				1,814	1,868	54	3%	1.2	✓	✓
Screenline 1 – Southbound										
A57 Saxilby Rd	119520663	119530689	Calibration	513	576	63	12%	2.7	✓	✓
Fen Ln	119523323	119538005	Calibration	43	0	-43	-100%	9.3	✓	✗
B1398 Middle St	5631	4135	Calibration	196	124	-72	-37%	5.7	✓	✗
A15	4560	119531101	Calibration	509	482	-27	-5%	1.2	✓	✓
A46 Lincoln Rd	119537502	119529293	Calibration	578	553	-25	-4%	1.0	✓	✓
Screenline Total				1,840	1,735	-105	-6%	2.5	✓	✓

IP Screenlines Calibration & Validation – Screenline 2

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 2 – Eastbound										
A158 Wragby Rd	119532410	119512694	Calibration	558	578	20	4%	0.8	✓	✓
Hawthorn Rd	119545621	119531885	Calibration	143	181	38	26%	3.0	✓	✓
Greetwell Rd	119516693	119545527	Calibration	211	196	-14	-7%	1.0	✓	✓
B1190 Washingborough Rd	119525748	119545520	Calibration	163	175	12	7%	0.9	✓	✓
Heighington Rd	119524079	119521125	Validation	159	127	-32	-20%	2.7	✓	✓
B1188 Lincoln Rd	119542251	119545512	Calibration	387	400	13	3%	0.6	✓	✓
A15 Sleaford Rd	119542296	119545503	Calibration	308	386	78	25%	4.2	✓	✓
Screenline Total				1,928	2,042	114	6%	2.6	✓	✓
Screenline 2 – Westbound										
A158 Wragby Rd	119512694	119532410	Calibration	540	555	14	3%	0.6	✓	✓
Hawthorn Rd	119531885	119545621	Calibration	122	142	20	16%	1.7	✓	✓
Greetwell Rd	119545527	119516693	Calibration	199	193	-6	-3%	0.5	✓	✓
B1190 Washingborough Rd	119545520	119525748	Calibration	223	202	-21	-10%	1.5	✓	✓
Heighington Rd	119521125	119524079	Calibration	94	90	-4	-4%	0.4	✓	✓
B1188 Lincoln Rd	119545512	119542251	Calibration	371	334	-37	-10%	2.0	✓	✓
A15 Sleaford Rd	119545503	119542296	Calibration	294	351	57	20%	3.2	✓	✓
Screenline Total				1,843	1,866	23	1%	0.5	✓	✓

IP Screenlines Calibration & Validation – Screenline 3

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 3 – Northbound										
Bloxholm Ln	119525811	119545622	Calibration	37	29	-8	-22%	1.4	✓	✓
A15 Sleaford Rd	119529229	119545504	Calibration	258	323	65	25%	3.8	✓	✓
A607 Grantham Rd	119535799	119544516	Calibration	322	257	-65	-20%	3.8	✓	✓
Brant Rd	119518650	119526790	Calibration	238	257	19	8%	1.2	✓	✓
Screenline Total				855	866	10	1%	0.4	✓	✓
Screenline 3 – Southbound										
Bloxholm Ln	119545622	119525811	Validation	43	18	-26	-59%	4.6	✓	✓
A15 Sleaford Rd	119545504	119529229	Calibration	265	368	103	39%	5.8	✗	✗
A607 Grantham Rd	119544516	119535799	Calibration	301	276	-25	-8%	1.5	✓	✓
Brant Rd	119526790	119518650	Calibration	411	419	8	2%	0.4	✓	✓
Screenline Total				1,021	1,081	60	6%	1.8	✓	✓

IP Screenlines Calibration & Validation – Screenline 4

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 4 – Eastbound										
Lincoln Rd	119513975	119524365	Calibration	283	305	22	8%	1.3	✓	✓
A1434 Newark Rd	119531204	165	Calibration	650	555	-95	-15%	3.9	✓	✓
B1190 Doddington Rd	119545645	119530811	Validation	553	676	123	22%	5.0	✗	✓
B1378 Skellingthorpe Rd	119536558	119516921	Validation	389	528	139	36%	6.5	✗	✗
A46	119514146	119536562	Calibration	1,080	1,098	18	2%	0.5	✓	✓
A57 Saxilby Rd	119520663	119530689	Calibration	513	576	63	12%	2.7	✓	✓
Fen Ln	119523323	119538005	Calibration	43	0	-43	-100%	9.3	✓	✗
Screenline Total				3,512	3,737	226	6%	3.8	✓	✓
Screenline 4 – Westbound										
Lincoln Rd	119524365	119513975	Calibration	274	229	-45	-16%	2.8	✓	✓
A1434 Newark Rd	165	119531204	Calibration	622	456	-166	-27%	7.2	✗	✗
B1190 Doddington Rd	119530811	119545645	Validation	573	753	180	31%	7.0	✗	✗
B1378 Skellingthorpe Rd	119516921	119536558	Validation	483	595	113	23%	4.8	✗	✓
A46	119531738	119529131	Calibration	1,100	1,169	69	6%	2.1	✓	✓
A57 Saxilby Rd	119530689	119520663	Calibration	526	555	30	6%	1.3	✓	✓
Fen Ln	119538005	119523323	Validation	40	0	-40	-100%	8.9	✓	✗
Screenline Total				3,617	3,758	141	4%	2.3	✓	✓

IP Screenlines Calibration & Validation – Screenline 5

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 5 – Northbound										
A15 Canwick Rd	119532688	119522918	Calibration	1,202	1,306	104	9%	2.9	✓	✓
B1262 High St	119516576	119514127	Calibration	279	358	78	28%	4.4	✓	✓
B1003 Brayford Wharf East	119517044	119518823	Validation	104	0	-104	-100%	14.4	✗	✗
Brayford Way	119526713	119527712	Calibration	845	938	93	11%	3.1	✓	✓
A46	119514146	119536562	Calibration	1,080	1,098	18	2%	0.5	✓	✓
Screenline Total				3,510	3,700	190	5%	3.2	✓	✓
Screenline 5 – Southbound										
A15 Canwick Rd	119522918	119532688	Calibration	1,341	1,295	-46	-3%	1.3	✓	✓
B1262 High St	119514127	119516576	Calibration	306	469	163	53%	8.3	✗	✗
B1003 Brayford Wharf East	119518823	119517044	Calibration	259	320	61	24%	3.6	✓	✓
Brayford Way	119527712	119526713	Calibration	899	911	12	1%	0.4	✓	✓
A46	119531738	119529131	Calibration	1,100	1,169	69	6%	2.1	✓	✓
Screenline Total				3,904	4,164	260	7%	4.1	✓	✗

IP Screenlines Calibration & Validation – Screenline 6

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 6 – Eastbound										
A46	119529186	119528632	Validation	821	726	-94	-12%	3.4	✓	✓
Scopwick PI	119524096	119536786	Validation	179	223	44	25%	3.1	✓	✓
B1273 Longdales Rd	119527203	119545636	Validation	576	555	-22	-4%	0.9	✓	✓
Broadway	119525820	119528801	Validation	1	2	1	103%	0.8	✓	✓
Newport	119525571	119529003	Validation	104	90	-14	-14%	1.4	✓	✓
Mildmay St	119533604	119536871	Validation	45	39	-6	-13%	0.9	✓	✓
Burton Rd	119518285	119515671	Validation	160	147	-13	-8%	1.1	✓	✓
Upper Long Leys Rd	119519544	119529869	Validation	0	0	0	-3%	0.0	✓	✓
Carline Rd	119528366	119539263	Validation	11	11	0	-1%	0.0	✓	✓
B1308 West Parade	119524201	119524200	Validation	298	354	56	19%	3.1	✓	✓
A57 Newland	119532301	119525809	Validation	704	727	23	3%	0.9	✓	✓
Brayford Wharf North	119534515	119514190	Validation	6	0	-6	-100%	3.6	✓	✓
B1003 Ropewalk	119541066	119528600	Validation	525	449	-76	-15%	3.5	✓	✓
Beevor St	119512888	119535466	Validation	68	129	60	88%	6.1	✓	✗
B1360 Valentine Rd	119518113	119519166	Validation	601	491	-110	-18%	4.7	✗	✓
Skellingthorpe Rd	119525974	5198	Validation	307	278	-29	-9%	1.7	✓	✓
Moorland Ave	119526358	119536569	Validation	239	196	-43	-18%	2.9	✓	✓
B1190 Doddington Rd	119532776	119534353	Validation	255	285	30	12%	1.8	✓	✓
A1434 Newark Rd	119526471	171	Validation	402	406	4	1%	0.2	✓	✓

Lincoln Eastern Bypass

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Hykeham Rd	119538384	119521800	Validation	291	257	-34	-12%	2.1	✓	✓
A46	119514146	119536562	Calibration	821	726	-94	-12%	3.4	✓	✓
Screenline Total				5,593	5,364	-229	-4%	3.1	✓	✓
Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 6 – Westbound										
A46	119528632	119529186	Validation	885	847	-38	-4%	1.3	✓	✓
Scopwick PI	119536786	119524096	Validation	177	125	-52	-29%	4.2	✓	✓
B1273 Longdales Rd	119545636	119527203	Validation	545	676	131	24%	5.3	✗	✗
Broadway	119528801	119525820	Validation	12	36	24	197%	4.9	✓	✓
Newport	119529003	119525571	Validation	179	156	-23	-13%	1.8	✓	✓
Mildmay St	119536871	119533604	Validation	50	47	-3	-6%	0.4	✓	✓
Burton Rd	119515671	119518285	Validation	72	78	6	9%	0.7	✓	✓
Upper Long Leys Rd	119529869	119519544	Validation	72	83	11	15%	1.2	✓	✓
Carline Rd	119539263	119528366	Validation	20	22	2	8%	0.4	✓	✓
B1308 West Parade	119524200	119524201	Validation	390	688	298	76%	12.8	✗	✗
A57 Newland	119525809	119532301	Validation	427	253	-173	-41%	9.4	✗	✗
Brayford Wharf North	119514190	119534515	Validation	7	0	-7	-100%	3.8	✓	✓
B1003 Ropewalk	119528600	119524325	Validation	602	562	-40	-7%	1.6	✓	✓
Beevor St	119535466	119512888	Validation	78	165	87	111%	7.9	✓	✗
B1360 Valentine Rd	119519166	119518113	Validation	579	390	-190	-33%	8.6	✗	✗
Skellingthorpe Rd	5198	119525974	Validation	271	284	13	5%	0.8	✓	✓
Moorland Ave	119536569	119526358	Validation	146	146	0	0%	0.0	✓	✓
B1190 Doddington Rd	119534353	119532776	Validation	272	300	28	10%	1.7	✓	✓

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Local Model Validation Report – Addendum



A1434 Newark Rd	171	119526471	Validation	399	190	-209	-52%	12.2	x	x
Hykeham Rd	119521800	119538384	Validation	289	268	-21	-7%	1.3	✓	✓
Screenline Total				5,471	5,315	-156	-3%	2.1	✓	✓

IP Screenlines Calibration & Validation – Screenline 7

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 7 – Eastbound										
A158	119516326	119515142	Calibration	644	600	-44	-7%	1.8	✓	✓
Wolsey Way	119519162	5124	Validation	130	100	-30	-23%	2.8	✓	✓
Outer Circle Dr	119519672	119529037	Calibration	262	145	-118	-45%	8.2	✗	✗
Oval Approach	119535701	119514617	Validation	18	46	28	157%	5.0	✓	✓
B1182 Ruskin Ave	119513411	119515357	Calibration	511	460	-51	-10%	2.3	✓	✓
Byron Ave	119524094	119524093	Validation	23	28	5	19%	0.9	✓	✓
Lee Rd	119534350	119536525	Validation	344	348	4	1%	0.2	✓	✓
East Gate	119524011	119526595	Validation	96	143	47	49%	4.3	✓	✓
A15 Wragby Rd	119529580	119523371	Validation	890	828	-62	-7%	2.1	✓	✓
B1308 Monks Rd	119524816	119517474	Calibration	417	422	5	1%	0.2	✓	✓
Croft St	119516165	119522506	Calibration	182	48	-134	-73%	12.5	✗	✗
Waterside North	119535794	119527059	Validation	12	77	66	565%	9.8	✓	✗
Waterside South	119537117	119541695	Validation	51	88	37	73%	4.5	✓	✓
Great Northern Terrace	119521029	119531615	Calibration	231	281	50	22%	3.1	✓	✓
Washingborough Rd	119534820	3533	Calibration	175	175	0	0%	0.0	✓	✓
Heightington Rd	119518310	2821	Validation	124	127	3	2%	0.2	✓	✓
B1188 Lincoln Rd	119542251	119545512	Calibration	387	400	13	3%	0.6	✓	✓
A15 London Rd	119542296	119545503	Calibration	308	386	78	25%	4.2	✓	✓
Screenline Total				4,804	4,700	-104	-2%	1.5	✓	✓

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 7 – Westbound										
A158	119515142	119516326	Calibration	700	664	-36	-5%	1.4	✓	✓
Wolsey Way	5124	119519162	Validation	140	137	-3	-2%	0.3	✓	✓
Outer Circle Dr	119529037	119519672	Calibration	351	282	-69	-20%	3.9	✓	✓
Oval Approach	119514617	119535701	Validation	25	42	17	66%	2.9	✓	✓
B1182 Ruskin Ave	119515357	119513411	Calibration	526	459	-66	-13%	3.0	✓	✓
Byron Ave	119524093	119524094	Validation	23	42	19	83%	3.3	✓	✓
Lee Rd	119536525	119534350	Validation	157	134	-23	-15%	1.9	✓	✓
East Gate	119526595	119524011	Calibration	114	142	28	25%	2.5	✓	✓
A15 Wragby Rd	119523371	119529580	Calibration	1,104	1,064	-40	-4%	1.2	✓	✓
Lindum Terrace	119533260	119537871	Validation	67	121	53	79%	5.5	✓	✘
B1308 Monks Rd	119517474	119524816	Calibration	480	465	-16	-3%	0.7	✓	✓
Croft St	119522506	119516165	Calibration	224	200	-24	-11%	1.7	✓	✓
Waterside North	119527059	119535794	Calibration	141	145	4	3%	0.3	✓	✓
Waterside South	119541695	119537117	Calibration	56	92	36	64%	4.2	✓	✓
Great Northern Terrace	119531615	119521029	Calibration	214	114	-100	-47%	7.8	✘	✘
Washingborough Rd	3533	119534820	Calibration	236	202	-34	-15%	2.3	✓	✓
Heightington Rd	2821	119518310	Validation	95	90	-5	-5%	0.5	✓	✓
B1188 Lincoln Rd	119545512	119542251	Calibration	371	334	-37	-10%	2.0	✓	✓
A15 London Rd	119545503	119542296	Calibration	294	351	57	20%	3.2	✓	✓
Screenline Total				5,318	5,079	-240	-5%	3.3	✓	✓

PM Screenline Summary

Screenline	Dir.	Obs (pcu)	Mod (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
1	NB	3,264	3,342	78	2%	1.4	✓	✓
	SB	2,302	2,467	166	7%	3.4	✓	✓
2	EB	3,385	3,425	41	1%	0.7	✓	✓
	WB	1,875	1,986	111	6%	2.5	✓	✓
3	NB	1,396	1,477	80	6%	2.1	✓	✓
	SB	1,492	1,365	-127	-9%	3.4	✓	✓
4	EB	4,687	4,572	-115	-2%	1.7	✓	✓
	WB	4,963	4,895	-68	-1%	1.0	✓	✓
5	NB	4,358	4,306	-52	-1%	0.8	✓	✓
	SB	5,269	5,506	237	5%	3.2	✓	✓
6	EB	6,843	6,472	-371	-5%	4.6	✓	✗
	WB	6,474	6,779	306	5%	3.8	✓	✓
7	EB	6,276	6,046	-230	-4%	2.9	✓	✓
	WB	6,299	5,912	-387	-6%	5.0	✓	✗
Screenlines Passed							14/14	12/14
Screenlines Pass Rate							100%	86%

PM Screenlines Calibration & Validation – Screenline 1

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 1 – Northbound										
A57 Saxilby Rd	119530689	119520663	Calibration	749	631	-118	-16%	4.5	✘	✓
Fen Ln	119538005	119523323	Validation	81	179	98	121%	8.6	✓	✘
B1398 Middle St	4135	5631	Calibration	608	778	170	28%	6.5	✘	✘
A15	119531101	4560	Calibration	801	725	-76	-9%	2.8	✓	✓
A46 Lincoln Rd	119529293	119537502	Calibration	1,025	1,029	4	0%	0.1	✓	✓
Screenline Total				3,264	3,342	78	2%	1.4	✓	✓
Screenline 1 – Southbound										
A57 Saxilby Rd	119520663	119530689	Calibration	590	633	43	7%	1.8	✓	✓
Fen Ln	119523323	119538005	Calibration	117	49	-68	-58%	7.4	✓	✘
B1398 Middle St	5631	4135	Calibration	293	399	106	36%	5.7	✘	✘
A15	4560	119531101	Calibration	705	621	-84	-12%	3.2	✓	✓
A46 Lincoln Rd	119537502	119529293	Calibration	597	765	167	28%	6.4	✘	✘
Screenline Total				2,302	2,467	166	7%	3.4	✓	✓

PM Screenlines Calibration & Validation – Screenline 2

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 2 – Eastbound										
A158 Wragby Rd	119532410	119512694	Calibration	776	797	22	3%	0.8	✓	✓
Hawthorn Rd	119545621	119531885	Calibration	229	318	89	39%	5.4	✓	✗
Greetwell Rd	119516693	119545527	Calibration	506	542	35	7%	1.5	✓	✓
B1190 Washingborough Rd	119525748	119545520	Calibration	295	323	28	10%	1.6	✓	✓
Heighington Rd	119524079	119521125	Validation	343	220	-123	-36%	7.3	✗	✗
B1188 Lincoln Rd	119542251	119545512	Calibration	681	631	-50	-7%	1.9	✓	✓
A15 Sleaford Rd	119542296	119545503	Calibration	555	594	39	7%	1.6	✓	✓
Screenline Total				3,385	3,425	41	1%	0.7	✓	✓
Screenline 2 – Westbound										
A158 Wragby Rd	119512694	119532410	Calibration	542	582	40	7%	1.7	✓	✓
Hawthorn Rd	119531885	119545621	Calibration	108	137	29	27%	2.6	✓	✓
Greetwell Rd	119545527	119516693	Calibration	127	182	54	43%	4.4	✓	✓
B1190 Washingborough Rd	119545520	119525748	Calibration	272	247	-25	-9%	1.6	✓	✓
Heighington Rd	119521125	119524079	Calibration	88	95	7	8%	0.7	✓	✓
B1188 Lincoln Rd	119545512	119542251	Calibration	349	331	-18	-5%	1.0	✓	✓
A15 Sleaford Rd	119545503	119542296	Calibration	388	412	24	6%	1.2	✓	✓
Screenline Total				1,875	1,986	111	6%	2.5	✓	✓

PM Screenlines Calibration & Validation – Screenline 3

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 3 – Northbound										
Bloxholm Ln	119525811	119545622	Calibration	76	63	-13	-17%	1.6	✓	✓
A15 Sleaford Rd	119529229	119545504	Calibration	312	349	37	12%	2.1	✓	✓
A607 Grantham Rd	119535799	119544516	Calibration	545	538	-8	-1%	0.3	✓	✓
Brant Rd	119518650	119526790	Calibration	463	526	64	14%	2.9	✓	✓
Screenline Total				1,396	1,477	80	6%	2.1	✓	✓
Screenline 3 – Southbound										
Bloxholm Ln	119545622	119525811	Validation	108	55	-54	-50%	6.0	✓	✗
A15 Sleaford Rd	119545504	119529229	Calibration	447	539	92	21%	4.2	✓	✓
A607 Grantham Rd	119544516	119535799	Calibration	500	376	-124	-25%	5.9	✗	✗
Brant Rd	119526790	119518650	Calibration	437	395	-42	-10%	2.1	✓	✓
Screenline Total				1,492	1,365	-127	-9%	3.4	✓	✓

PM Screenlines Calibration & Validation – Screenline 4

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 4 – Eastbound										
Lincoln Rd	119513975	119524365	Calibration	351	443	92	26%	4.6	✓	✓
A1434 Newark Rd	119531204	165	Calibration	776	601	-175	-23%	6.7	✗	✗
B1190 Doddington Rd	119545645	119530811	Validation	670	870	201	30%	7.2	✗	✗
B1378 Skellingthorpe Rd	119536558	119516921	Validation	398	519	121	30%	5.6	✗	✗
A46	119514146	119536562	Calibration	1,786	1,457	-329	-18%	8.2	✗	✗
A57 Saxilby Rd	119520663	119530689	Calibration	590	633	43	7%	1.8	✓	✓
Fen Ln	119523323	119538005	Calibration	117	49	-68	-58%	7.4	✓	✗
Screenline Total				4,687	4,572	-115	-2%	1.7	✓	✓
Screenline 4 – Westbound										
Lincoln Rd	119524365	119513975	Calibration	359	279	-80	-22%	4.5	✓	✓
A1434 Newark Rd	165	119531204	Calibration	665	463	-202	-30%	8.5	✗	✗
B1190 Doddington Rd	119530811	119545645	Validation	649	919	270	42%	9.6	✗	✗
B1378 Skellingthorpe Rd	119516921	119536558	Validation	587	760	173	30%	6.7	✗	✗
A46	119531738	119529131	Calibration	1,873	1,664	-209	-11%	5.0	✓	✓
A57 Saxilby Rd	119530689	119520663	Calibration	749	631	-118	-16%	4.5	✗	✓
Fen Ln	119538005	119523323	Validation	81	179	98	121%	8.6	✓	✗
Screenline Total				4,963	4,895	-68	-1%	1.0	✓	✓

PM Screenlines Calibration & Validation – Screenline 5

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 5 – Northbound										
A15 Canwick Rd	119532688	119522918	Calibration	1,146	1,332	186	16%	5.3	✘	✘
B1262 High St	119516576	119514127	Calibration	295	366	71	24%	3.9	✓	✓
B1003 Brayford Wharf East	119517044	119518823	Validation	104	0	-104	-100%	14.4	✘	✘
Brayford Way	119526713	119527712	Calibration	1,027	1,151	124	12%	3.8	✓	✓
A46	119514146	119536562	Calibration	1,786	1,457	-329	-18%	8.2	✘	✘
Screenline Total				4,358	4,306	-52	-1%	0.8	✓	✓
Screenline 5 – Southbound										
A15 Canwick Rd	119522918	119532688	Calibration	1,774	1,605	-169	-10%	4.1	✓	✓
B1262 High St	119514127	119516576	Calibration	282	665	382	135%	17.6	✘	✘
B1003 Brayford Wharf East	119518823	119517044	Calibration	262	531	269	103%	13.5	✘	✘
Brayford Way	119527712	119526713	Calibration	1,077	1,041	-36	-3%	1.1	✓	✓
A46	119531738	119529131	Calibration	1,873	1,664	-209	-11%	5.0	✓	✓
Screenline Total				5,269	5,506	237	5%	3.2	✓	✓

PM Screenlines Calibration & Validation – Screenline 6

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 6 – Eastbound										
A46	119529186	119528632	Validation	1,120	958	-161	-14%	5.0	✓	✓
Scopwick PI	119524096	119536786	Validation	233	210	-23	-10%	1.6	✓	✓
B1273 Longdales Rd	119527203	119545636	Validation	837	766	-71	-9%	2.5	✓	✓
Broadway	119525820	119528801	Validation	121	141	20	16%	1.7	✓	✓
Newport	119525571	119529003	Validation	59	55	-4	-7%	0.6	✓	✓
Mildmay St	119533604	119536871	Validation	55	60	5	10%	0.7	✓	✓
Burton Rd	119518285	119515671	Validation	154	171	17	11%	1.3	✓	✓
Upper Long Leys Rd	119519544	119529869	Validation	0	0	0	-2%	0.0	✓	✓
Carline Rd	119528366	119539263	Validation	12	10	-2	-18%	0.6	✓	✓
B1308 West Parade	119524201	119524200	Validation	332	298	-34	-10%	1.9	✓	✓
A57 Newland	119532301	119525809	Validation	719	863	143	20%	5.1	✗	✗
Brayford Wharf North	119534515	119514190	Validation	3	0	-3	-100%	2.5	✓	✓
B1003 Ropewalk	119541066	119528600	Validation	365	286	-79	-22%	4.4	✓	✓
Beevor St	119512888	119535466	Validation	29	76	48	167%	6.6	✓	✗
B1360 Valentine Rd	119518113	119519166	Validation	777	490	-287	-37%	11.4	✗	✗
Skellingthorpe Rd	119525974	5198	Validation	435	371	-64	-15%	3.2	✓	✓
Moorland Ave	119526358	119536569	Validation	241	203	-38	-16%	2.5	✓	✓
B1190 Doddington Rd	119532776	119534353	Validation	385	288	-97	-25%	5.3	✓	✗
A1434 Newark Rd	119526471	171	Validation	558	809	251	45%	9.6	✗	✗

Hykeham Rd	119538384	119521800	Validation	407	415	8	2%	0.4	✓	✓
A46	119514146	119536562	Calibration	1,120	958	-161	-14%	5.0	✓	✓
Screenline Total				6,843	6,472	-371	-5%	4.6	✓	✗
Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 6 – Westbound										
A46	119528632	119529186	Validation	870	1,108	238	27%	7.6	✗	✗
Scopwick PI	119536786	119524096	Validation	196	247	51	26%	3.4	✓	✓
B1273 Longdales Rd	119545636	119527203	Validation	593	818	225	38%	8.5	✗	✗
Broadway	119528801	119525820	Validation	28	94	66	236%	8.5	✓	✗
Newport	119529003	119525571	Validation	273	246	-27	-10%	1.7	✓	✓
Mildmay St	119536871	119533604	Validation	49	48	-1	-2%	0.1	✓	✓
Burton Rd	119515671	119518285	Validation	129	173	44	34%	3.6	✓	✓
Upper Long Leys Rd	119529869	119519544	Validation	110	118	8	8%	0.8	✓	✓
Carline Rd	119539263	119528366	Validation	40	33	-7	-17%	1.1	✓	✓
B1308 West Parade	119524200	119524201	Validation	419	802	383	91%	15.5	✗	✗
A57 Newland	119525809	119532301	Validation	684	294	-390	-57%	17.6	✗	✗
Brayford Wharf North	119514190	119534515	Validation	62	0	-62	-100%	11.1	✓	✗
B1003 Ropewalk	119528600	119524325	Validation	701	1,013	311	44%	10.6	✗	✗
Beevor St	119535466	119512888	Validation	85	138	53	63%	5.1	✓	✗
B1360 Valentine Rd	119519166	119518113	Validation	624	277	-347	-56%	16.3	✗	✗
Skellingthorpe Rd	5198	119525974	Validation	270	315	46	17%	2.7	✓	✓
Moorland Ave	119536569	119526358	Validation	186	235	49	26%	3.4	✓	✓
B1190 Doddington Rd	119534353	119532776	Validation	318	215	-103	-32%	6.3	✗	✗

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A1434 Newark Rd	171	119526471	Validation	428	180	-248	-58%	14.2	x	x
Hykeham Rd	119521800	119538384	Validation	408	423	15	4%	0.7	✓	✓
Screenline Total				6,474	6,779	306	5%	3.8	✓	✓

PM Screenlines Calibration & Validation – Screenline 7

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 7 – Eastbound										
A158	119516326	119515142	Calibration	745	634	-111	-15%	4.2	✓	✓
Wolsey Way	119519162	5124	Validation	183	199	16	8%	1.1	✓	✓
Outer Circle Dr	119519672	119529037	Calibration	339	228	-110	-33%	6.5	✗	✗
Oval Approach	119535701	119514617	Validation	51	36	-15	-29%	2.3	✓	✓
B1182 Ruskin Ave	119513411	119515357	Calibration	823	707	-117	-14%	4.2	✓	✓
Byron Ave	119524094	119524093	Validation	176	195	19	11%	1.4	✓	✓
Lee Rd	119534350	119536525	Validation	399	413	14	4%	0.7	✓	✓
East Gate	119524011	119526595	Validation	58	70	12	21%	1.5	✓	✓
A15 Wragby Rd	119529580	119523371	Validation	929	925	-4	0%	0.1	✓	✓
B1308 Monks Rd	119524816	119517474	Calibration	392	528	136	35%	6.3	✗	✗
Croft St	119516165	119522506	Calibration	181	40	-141	-78%	13.4	✗	✗
Waterside North	119535794	119527059	Validation	5	83	78	1465%	11.7	✓	✗
Waterside South	119537117	119541695	Validation	102	51	-50	-49%	5.8	✓	✗
Great Northern Terrace	119521029	119531615	Calibration	100	168	68	69%	5.9	✓	✗
Washingborough Rd	119534820	3533	Calibration	312	323	11	4%	0.6	✓	✓
Heightington Rd	119518310	2821	Validation	245	220	-25	-10%	1.6	✓	✓
B1188 Lincoln Rd	119542251	119545512	Calibration	681	631	-50	-7%	1.9	✓	✓
A15 London Rd	119542296	119545503	Calibration	555	594	39	7%	1.6	✓	✓
Screenline Total				6,276	6,046	-230	-4%	2.9	✓	✓

Road Name	A Node	B Node	Calibration/ Validation	Observed (pcu)	Modelled (pcu)	Abs Diff	% Diff	GEH	Pass on Flows	Pass on GEH
Screenline 7 – Westbound										
A158	119515142	119516326	Calibration	895	775	-119	-13%	4.1	✓	✓
Wolsey Way	5124	119519162	Validation	210	258	48	23%	3.1	✓	✓
Outer Circle Dr	119529037	119519672	Calibration	377	287	-90	-24%	4.9	✓	✓
Oval Approach	119514617	119535701	Validation	21	79	58	277%	8.2	✓	✘
B1182 Ruskin Ave	119515357	119513411	Calibration	574	513	-61	-11%	2.6	✓	✓
Byron Ave	119524093	119524094	Validation	0	13	13	0%	0.0	✓	✓
Lee Rd	119536525	119534350	Validation	282	238	-44	-16%	2.8	✓	✓
East Gate	119526595	119524011	Calibration	186	197	11	6%	0.8	✓	✓
A15 Wragby Rd	119523371	119529580	Calibration	1,277	1,256	-21	-2%	0.6	✓	✓
Lindum Terrace	119533260	119537871	Validation	193	122	-71	-37%	5.7	✓	✘
B1308 Monks Rd	119517474	119524816	Calibration	461	465	5	1%	0.2	✓	✓
Croft St	119522506	119516165	Calibration	296	231	-65	-22%	4.0	✓	✓
Waterside North	119527059	119535794	Calibration	119	176	58	48%	4.7	✓	✓
Waterside South	119541695	119537117	Calibration	64	54	-10	-16%	1.3	✓	✓
Great Northern Terrace	119531615	119521029	Calibration	212	162	-50	-24%	3.7	✓	✓
Washingborough Rd	3533	119534820	Calibration	308	247	-61	-20%	3.7	✓	✓
Heightington Rd	2821	119518310	Validation	88	95	7	8%	0.7	✓	✓
B1188 Lincoln Rd	119545512	119542251	Calibration	349	331	-18	-5%	1.0	✓	✓
A15 London Rd	119545503	119542296	Calibration	388	412	24	6%	1.2	✓	✓
Screenline Total				6,299	5,912	-387	-6%	5.0	✓	✘

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