

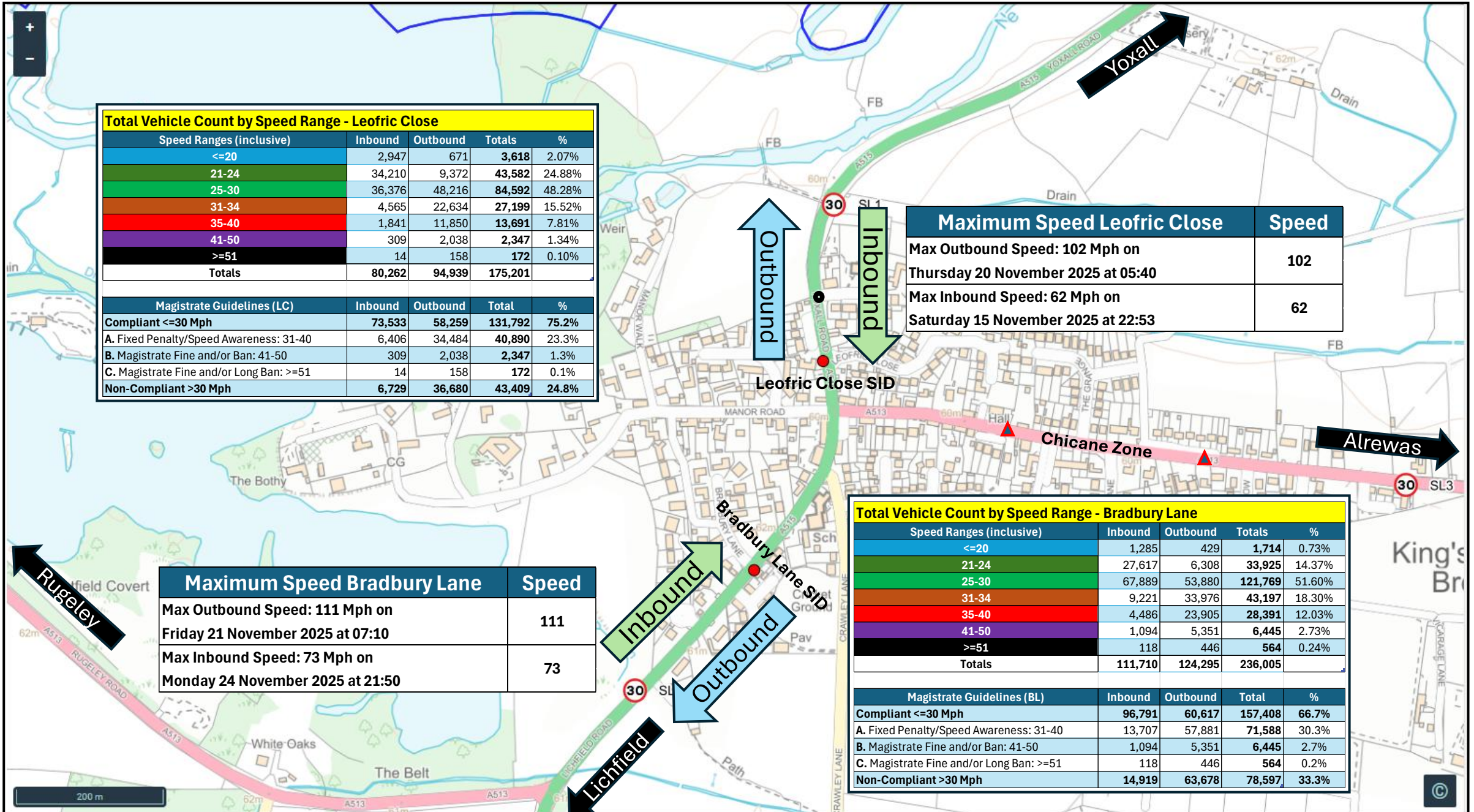
Kings Bromley Parish Council Speed Indicator Display Report

November 2025

- The following pages provide analysis captured from the Kings Bromley Speed Indicator Displays (SIDs)
- There are currently two SIDs in Kings Bromley on the A515, and they are located:
 - Opposite Bradbury Lane – Indicator board facing traffic **entering** the village
 - Opposite Leofric Close – Indicator board facing traffic **entering** the village
 - Traffic speeds are date & time stamped for **every** vehicle passing the SID locations in **both** directions, time accurate to each second and speed accurate to +/- 1% Mph) – Calibration is NOT required with these SIDs.
- Record Log: **Bradbury Lane SID Data Recorded:**
Saturday 01 November 2025 at 00:01
Sunday 30 November 2025 at 23:59
Leofric Close SID Data Recorded:
Saturday 01 November 2025 at 13:48
Sunday 30 November 2025 at 23:59



Summary of Recorded Information - Showing Number of Vehicles in Key Speed Categories



Total Vehicle Count by Speed Range - Leofric Close

Speed Ranges (inclusive)	Inbound	Outbound	Totals	%
<=20	2,947	671	3,618	2.07%
21-24	34,210	9,372	43,582	24.88%
25-30	36,376	48,216	84,592	48.28%
31-34	4,565	22,634	27,199	15.52%
35-40	1,841	11,850	13,691	7.81%
41-50	309	2,038	2,347	1.34%
>=51	14	158	172	0.10%
Totals	80,262	94,939	175,201	

Magistrate Guidelines (LC)	Inbound	Outbound	Total	%
Compliant <=30 Mph	73,533	58,259	131,792	75.2%
A. Fixed Penalty/Speed Awareness: 31-40	6,406	34,484	40,890	23.3%
B. Magistrate Fine and/or Ban: 41-50	309	2,038	2,347	1.3%
C. Magistrate Fine and/or Long Ban: >=51	14	158	172	0.1%
Non-Compliant >30 Mph	6,729	36,680	43,409	24.8%

Maximum Speed Leofric Close	Speed
Max Outbound Speed: 102 Mph on Thursday 20 November 2025 at 05:40	102
Max Inbound Speed: 62 Mph on Saturday 15 November 2025 at 22:53	62

Maximum Speed Bradbury Lane	Speed
Max Outbound Speed: 111 Mph on Friday 21 November 2025 at 07:10	111
Max Inbound Speed: 73 Mph on Monday 24 November 2025 at 21:50	73

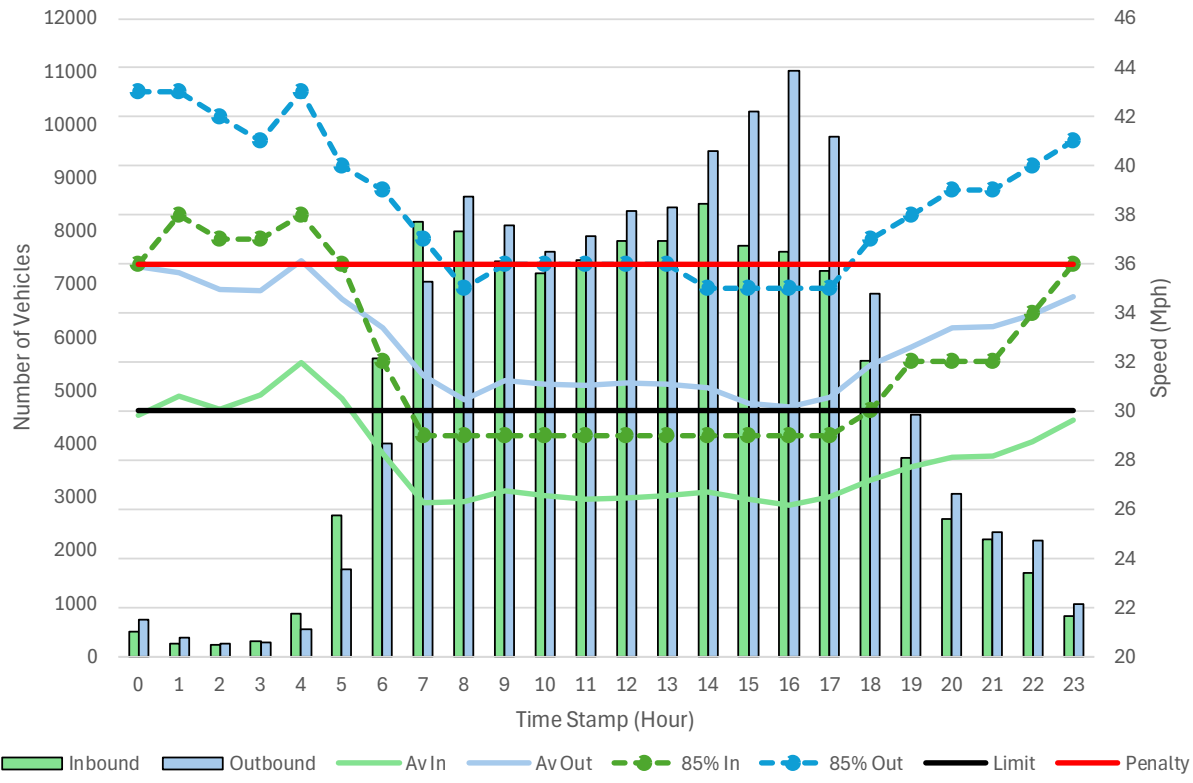
Total Vehicle Count by Speed Range - Bradbury Lane

Speed Ranges (inclusive)	Inbound	Outbound	Totals	%
<=20	1,285	429	1,714	0.73%
21-24	27,617	6,308	33,925	14.37%
25-30	67,889	53,880	121,769	51.60%
31-34	9,221	33,976	43,197	18.30%
35-40	4,486	23,905	28,391	12.03%
41-50	1,094	5,351	6,445	2.73%
>=51	118	446	564	0.24%
Totals	111,710	124,295	236,005	

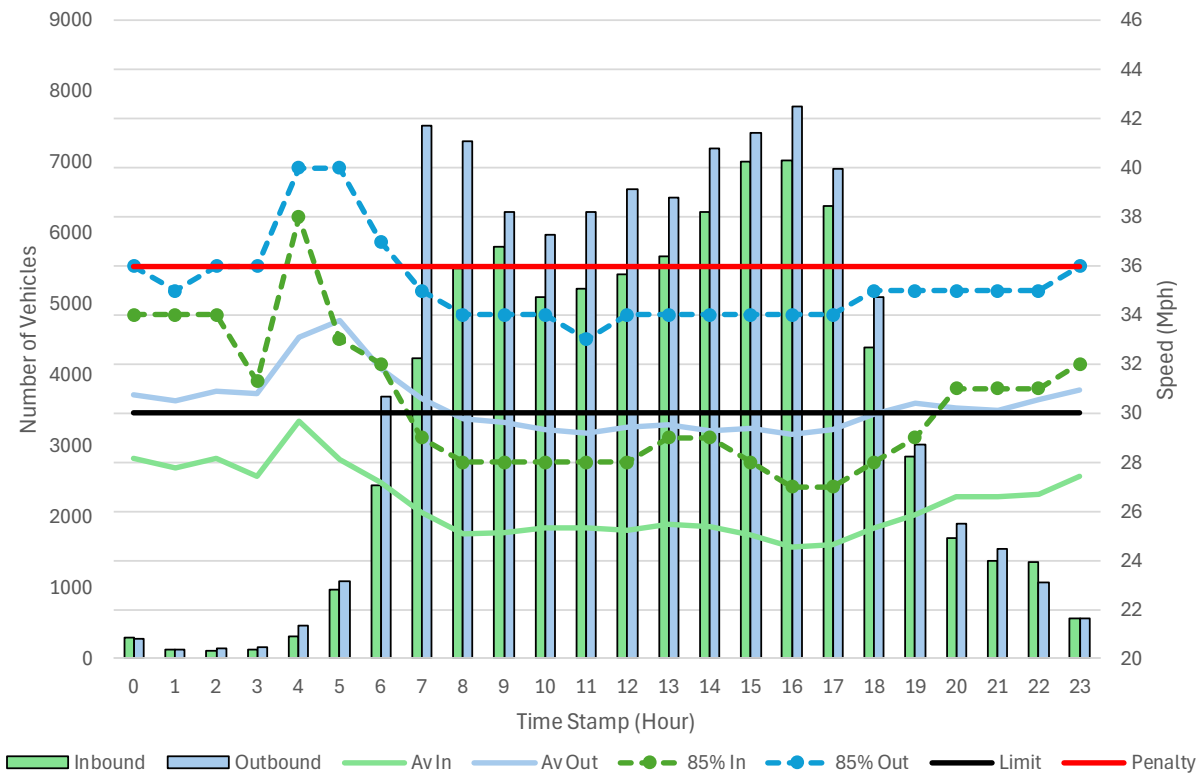
Magistrate Guidelines (BL)	Inbound	Outbound	Total	%
Compliant <=30 Mph	96,791	60,617	157,408	66.7%
A. Fixed Penalty/Speed Awareness: 31-40	13,707	57,881	71,588	30.3%
B. Magistrate Fine and/or Ban: 41-50	1,094	5,351	6,445	2.7%
C. Magistrate Fine and/or Long Ban: >=51	118	446	564	0.2%
Non-Compliant >30 Mph	14,919	63,678	78,597	33.3%

Comparison of Total, Traffic Volume, Average Speed and 85 Percentile Speed (Inbound and Outbound)

Bradbury Lane - Traffic Volume per Hour with Average Speed and 85% Percentile

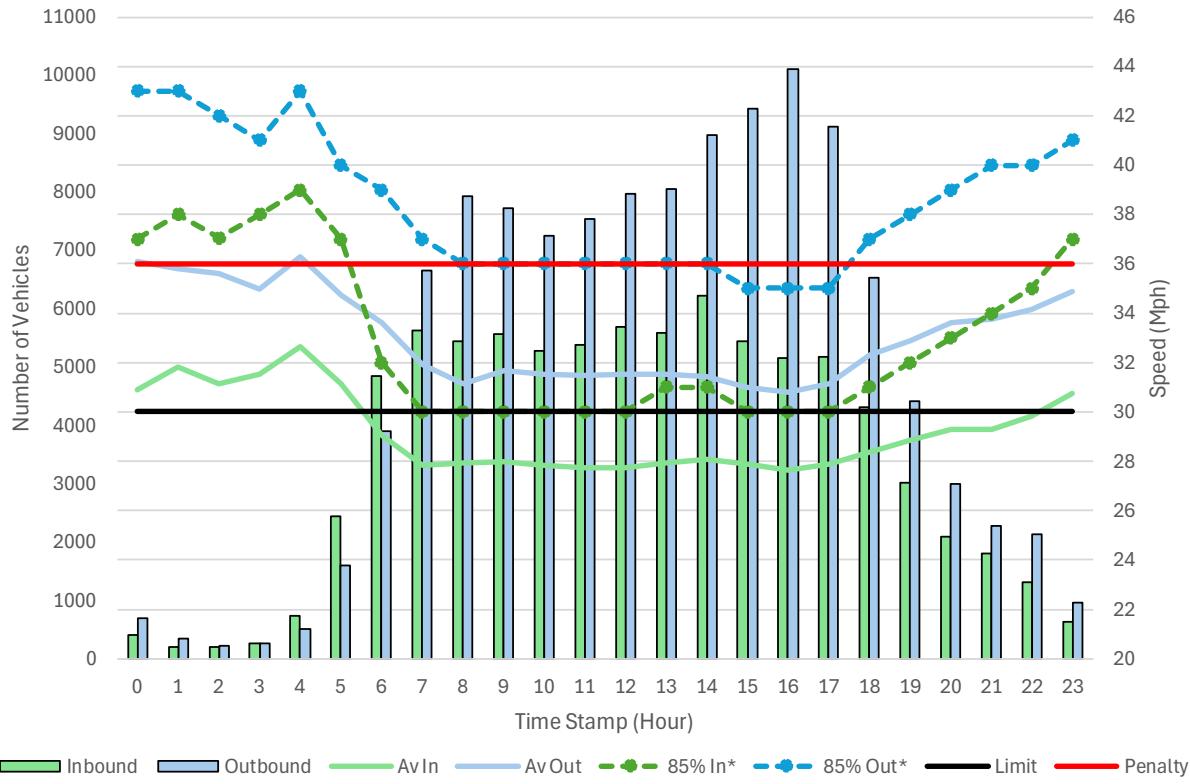


Leofric Close - Traffic Volume per Hour with Average Speed and 85% Percentile

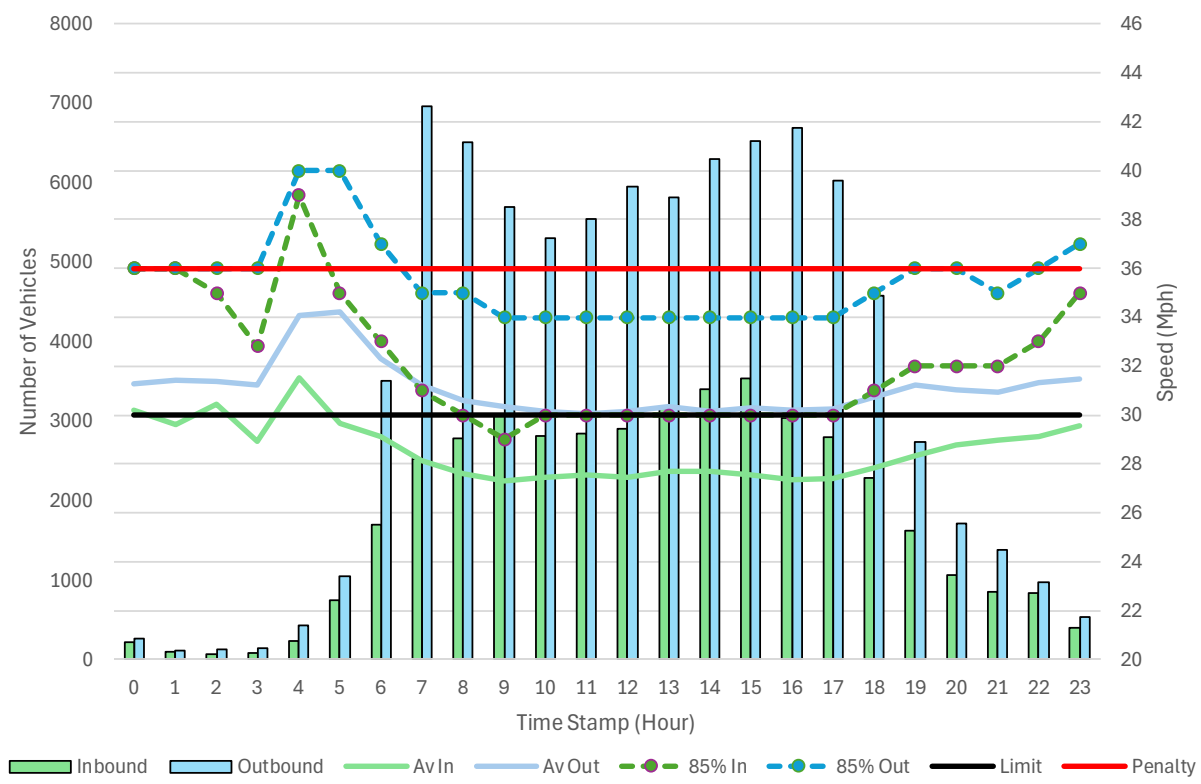


Comparison of Free-Flowing, Traffic Volume, Average Speed and 85 Percentile Speed (Inbound and Outbound)

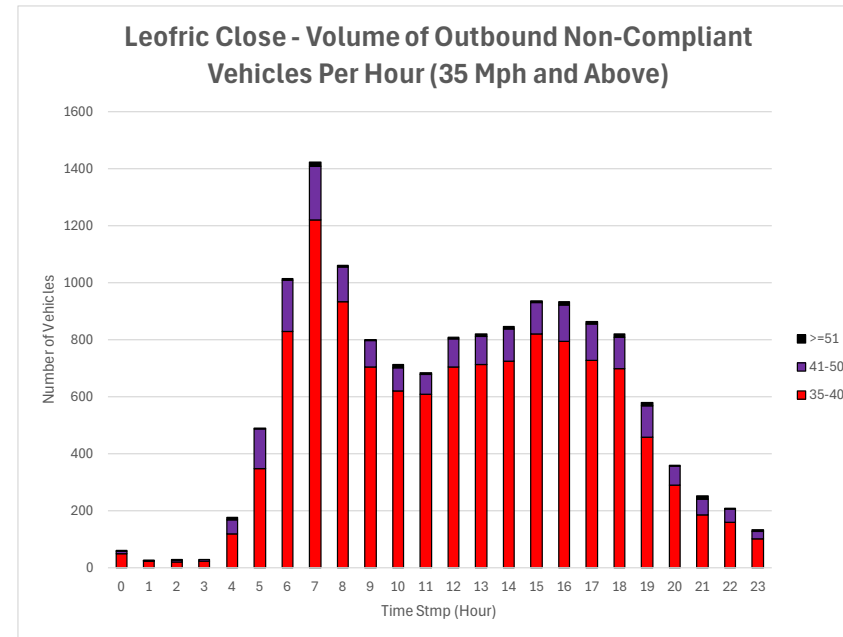
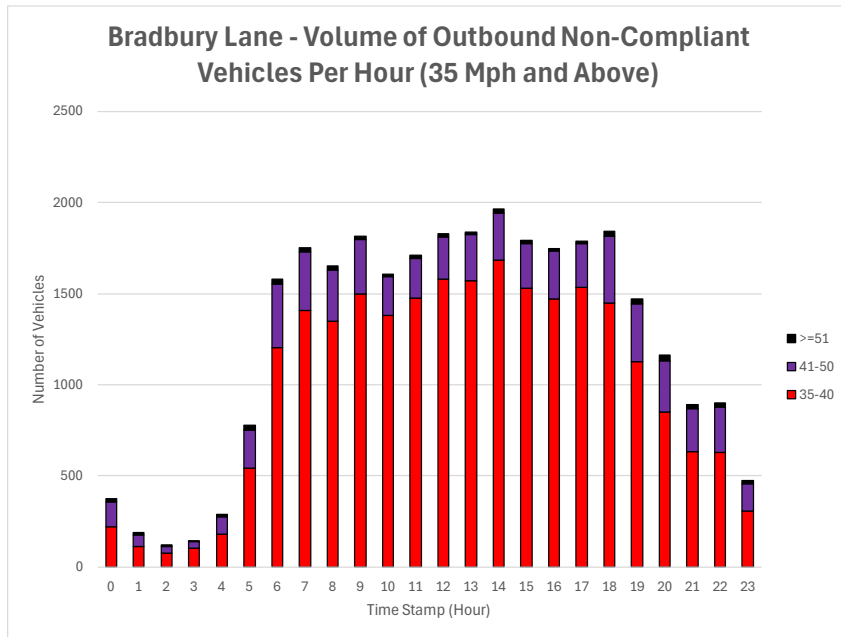
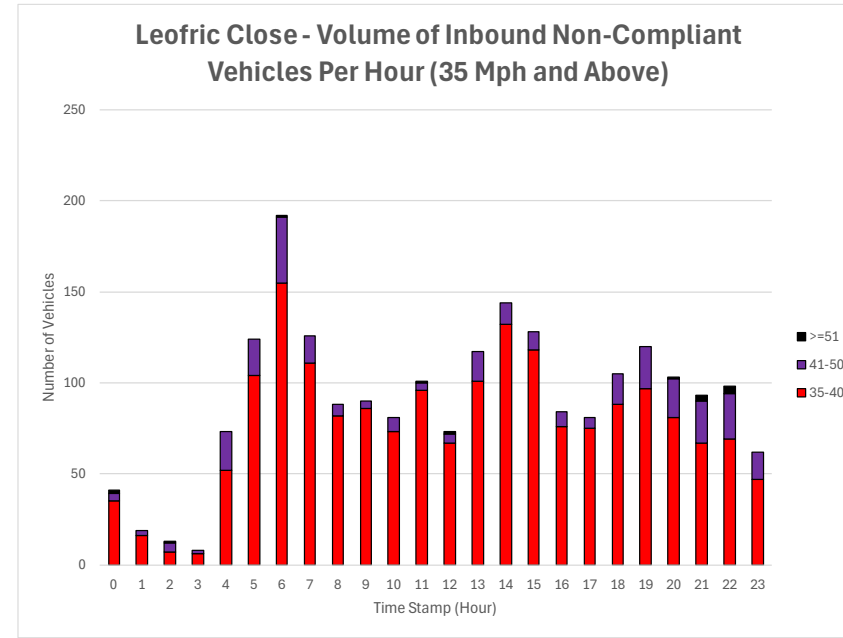
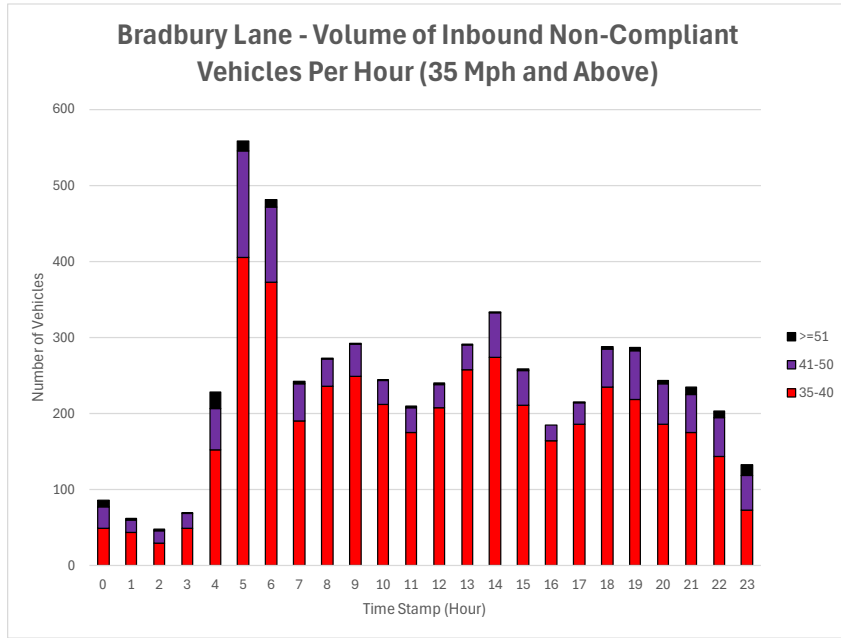
Bradbury Lane - Free Flowing Traffic Volume, Average Speed and 85% Percentile Speed



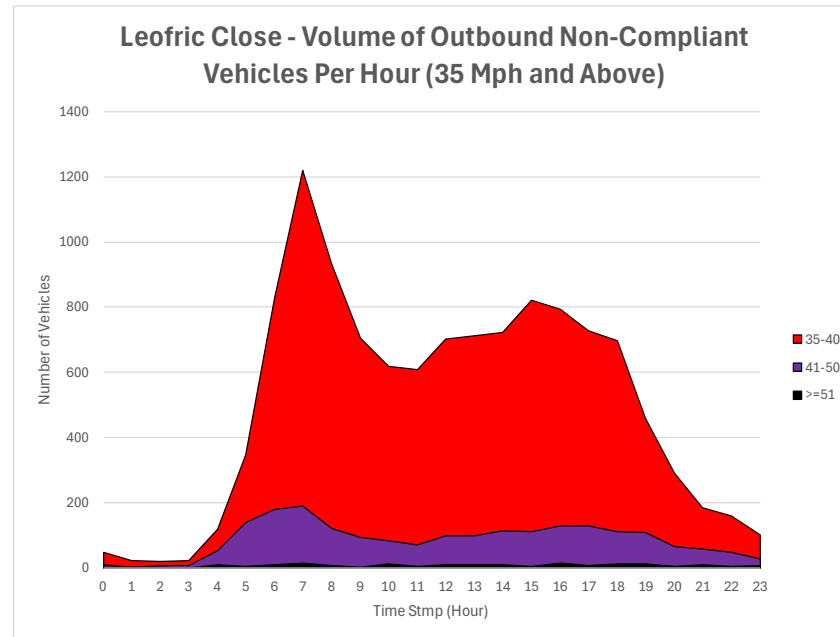
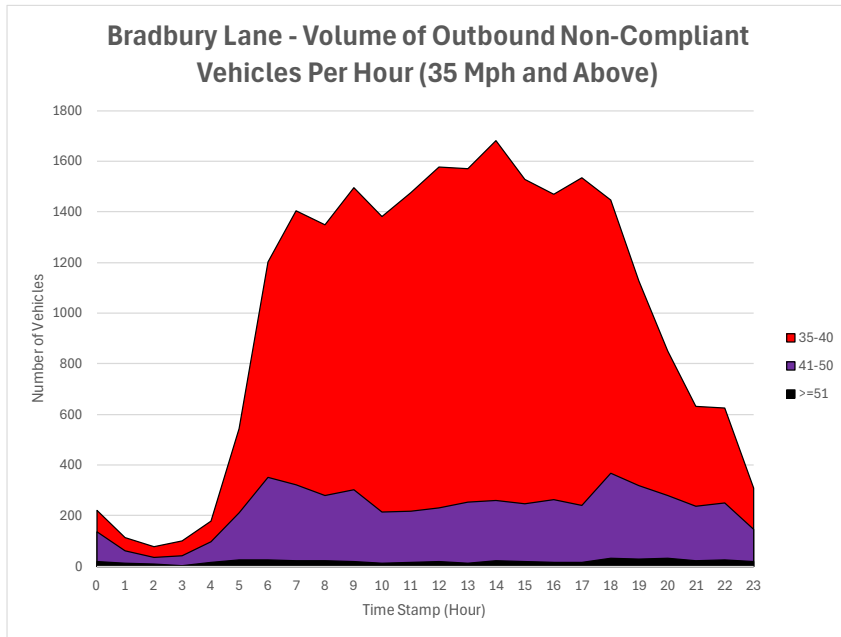
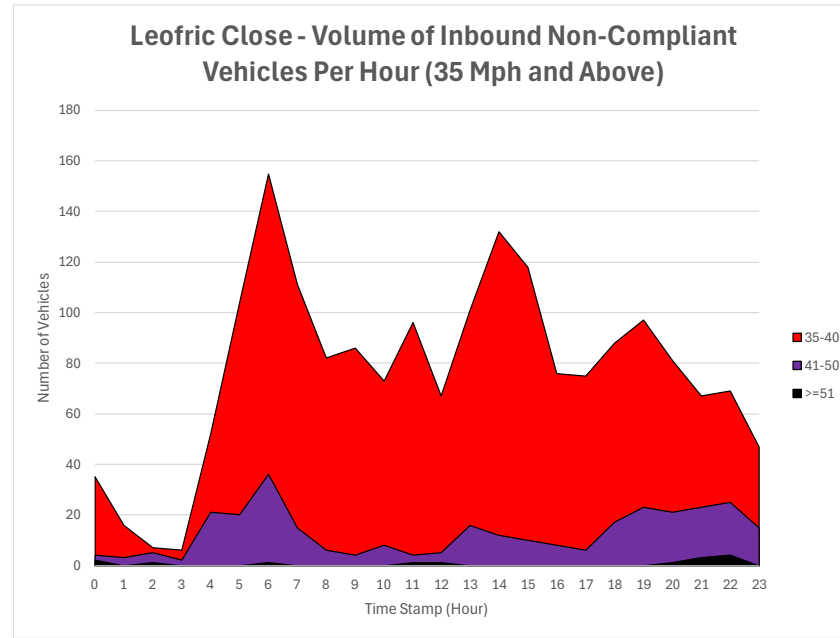
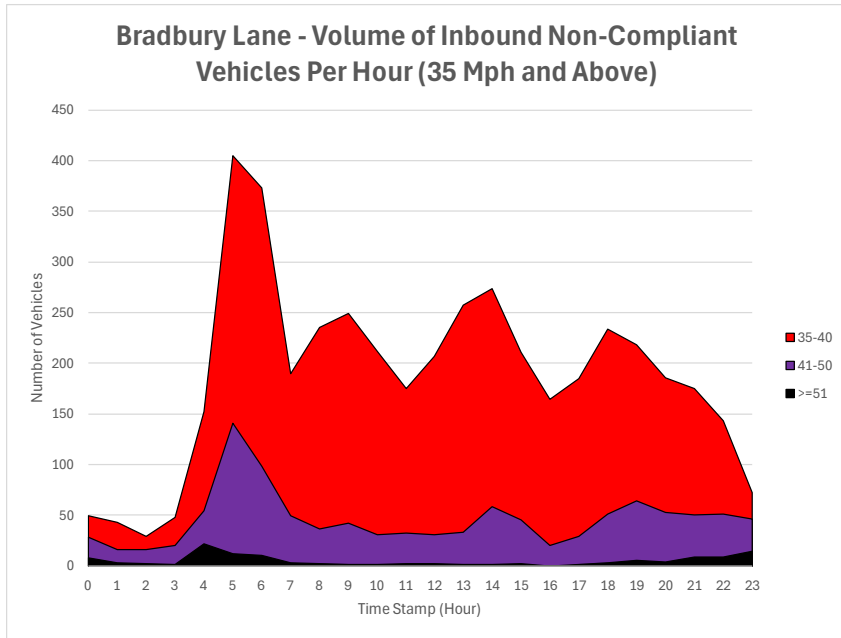
Leofric Close - Free Flowing Traffic Volume, Average Speed and 85% Percentile Speed



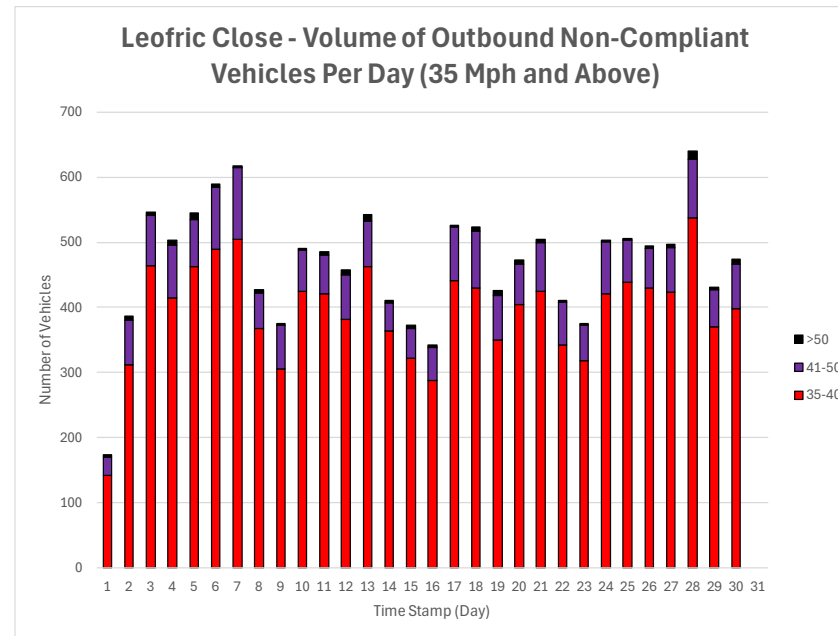
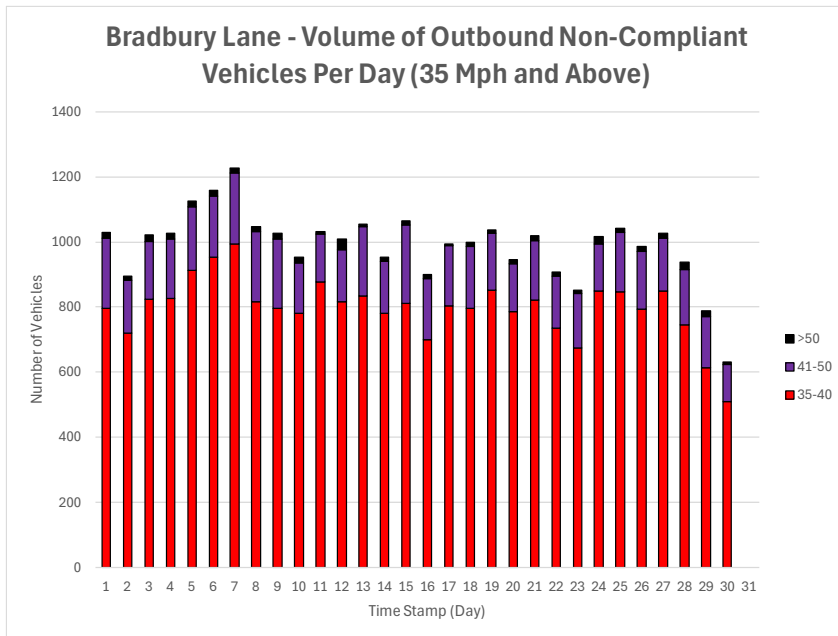
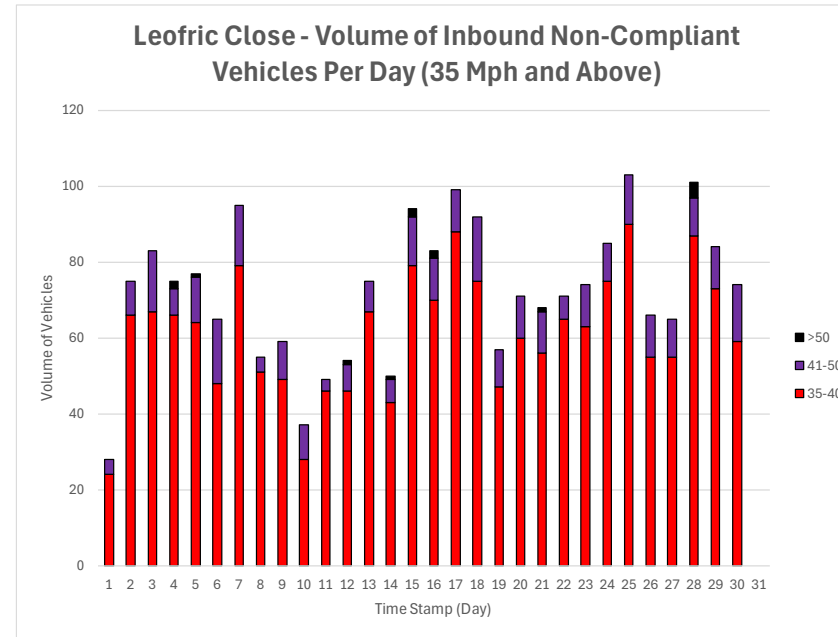
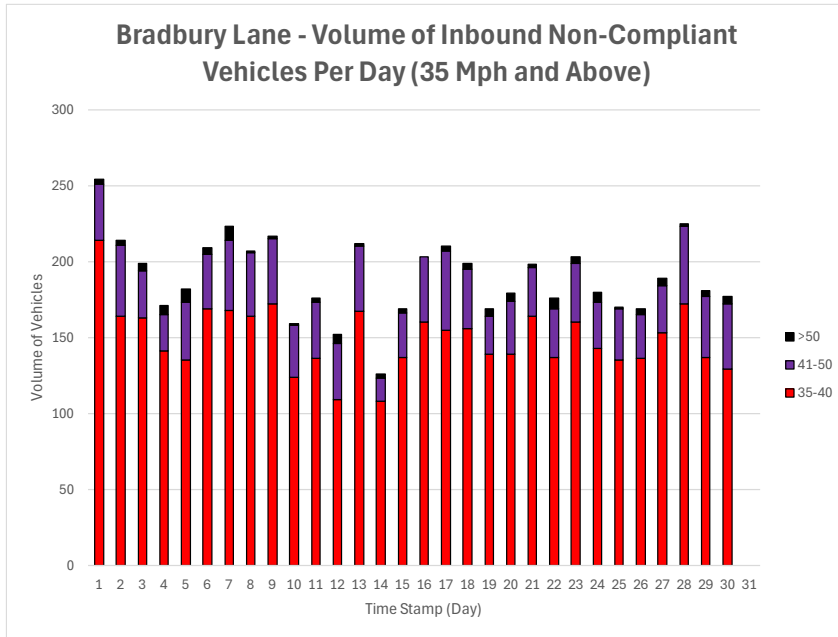
Monthly Volume of Non-Compliant Traffic, 35 Mph and Above, per Hour



Comparison of Non-Compliant Traffic, 35 Mph and Above, by Hour of Day



Monthly Volume of Non-Compliant Traffic, 35 Mph and Above per Day



Maximum Traffic Speed Heatmaps at All Locations (Day of Week and Hour of Day)

Bradbury Lane - Maximum Inbound Speed Mph (Per Hour and Per Day of Week)																								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Monday	52	46	40	48	52	58	53	42	45	47	46	45	48	43	48	43	43	42	49	50	51	73	57	51
Tuesday	50	62	47	46	59	63	54	40	44	46	45	48	55	48	46	51	43	40	52	48	51	46	43	46
Wednesday	54	50	47	47	62	60	46	48	42	46	51	59	44	54	40	46	42	43	50	51	50	47	51	65
Thursday	57	48	47	48	60	54	54	43	40	43	44	46	55	46	49	54	43	44	67	54	46	60	57	51
Friday	58	36	53	50	60	49	51	51	44	45	41	45	48	48	46	43	42	49	41	46	54	56	48	64
Saturday	61	58	51	50	45	49	53	54	61	51	43	51	46	47	50	44	49	51	51	57	49	54	55	43
Sunday	51	65	38	52	57	50	54	54	53	49	46	50	45	44	51	50	46	48	48	50	47	56	46	57

Bradbury Lane - Maximum Outbound Speed Mph (Per Hour and Per Day of Week)																								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Monday	58	52	50	46	57	72	64	66	85	61	85	58	95	74	62	92	67	57	62	59	64	52	57	61
Tuesday	54	55	61	50	75	54	56	50	97	82	56	92	59	50	72	53	83	49	65	65	62	65	76	50
Wednesday	53	50	55	46	54	65	55	55	58	55	73	50	87	61	78	86	79	52	52	57	58	66	65	51
Thursday	98	48	44	48	57	68	76	56	71	56	87	60	79	48	73	77	66	58	64	59	63	58	52	56
Friday	54	59	50	57	60	57	97	111	54	83	58	66	85	100	66	53	65	67	66	67	55	58	56	59
Saturday	54	55	52	47	54	53	63	51	57	61	51	64	59	57	54	57	55	51	58	62	72	68	56	61
Sunday	59	67	63	48	48	68	56	62	52	54	51	59	54	51	61	54	51	57	67	51	55	58	53	55

Leofric Close - Maximum Inbound Speed Mph (Per Hour and Per Day of Week)																								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Monday	46	34	37	43	49	48	43	45	38	42	38	47	44	47	40	38	44	38	43	48	44	46	48	40
Tuesday	46	39	37	41	50	47	52	43	40	38	44	43	43	44	44	45	45	38	46	49	40	52	44	38
Wednesday	39	38	42	37	43	48	47	38	48	39	42	53	37	41	41	45	41	45	42	49	49	43	58	44
Thursday	40	35	35	33	44	42	46	47	44	41	40	39	42	45	40	42	39	40	44	45	48	48	45	50
Friday	59	41	45	39	48	48	48	46	40	44	39	40	62	41	42	44	49	44	43	46	53	61	57	49
Saturday	43	40	48	40	40	40	46	50	39	41	38	40	39	43	41	41	42	45	45	50	46	50	62	48
Sunday	54	50	53	33	44	39	48	46	42	40	46	41	41	43	48	44	46	41	49	43	47	46	45	47

Leofric Close - Maximum Outbound Speed Mph (Per Hour and Per Day of Week)																								
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Monday	42	38	46	41	51	49	97	54	50	48	54	46	44	52	48	44	77	50	49	52	47	67	52	44
Tuesday	57	38	40	46	52	54	52	52	49	49	85	82	53	50	56	50	48	56	57	52	50	46	56	49
Wednesday	41	42	47	44	56	50	49	84	86	47	66	62	65	80	78	62	52	55	87	56	50	53	46	56
Thursday	40	55	40	40	54	102	50	53	58	45	59	46	48	81	90	86	78	55	61	54	48	52	62	44
Friday	40	37	43	43	54	49	52	54	84	86	51	49	54	47	57	48	52	68	48	58	49	55	45	51
Saturday	47	39	44	37	44	48	49	49	51	48	54	51	53	63	53	55	54	50	98	55	55	55	45	51
Sunday	52	38	54	40	43	47	54	48	48	46	53	49	55	53	55	51	71	46	45	59	55	56	51	40

Summary of Report – Speed Ranges and Level of Compliance/Non-Compliance

Speeds:

Bradbury Lane SID

Total Vehicle Count by Speed Range - Bradbury Lane				
Speed Ranges (inclusive)	Inbound	Outbound	Totals	%
<=20	1,285	429	1,714	0.73%
21-24	27,617	6,308	33,925	14.37%
25-30	67,889	53,880	121,769	51.60%
31-34	9,221	33,976	43,197	18.30%
35-40	4,486	23,905	28,391	12.03%
41-50	1,094	5,351	6,445	2.73%
>=51	118	446	564	0.24%
Totals	111,710	124,295	236,005	

Leofric Close SID

Total Vehicle Count by Speed Range - Leofric Close				
Speed Ranges (inclusive)	Inbound	Outbound	Totals	%
<=20	2,947	671	3,618	2.07%
21-24	34,210	9,372	43,582	24.88%
25-30	36,376	48,216	84,592	48.28%
31-34	4,565	22,634	27,199	15.52%
35-40	1,841	11,850	13,691	7.81%
41-50	309	2,038	2,347	1.34%
>=51	14	158	172	0.10%
Totals	80,262	94,939	175,201	

Law Enforcement Potential:

Bradbury Lane SID

Magistrate Guidelines (BL)	Inbound	Outbound	Total	%
Compliant <=30 Mph	96,791	60,617	157,408	66.7%
A. Fixed Penalty/Speed Awareness: 31-40	13,707	57,881	71,588	30.3%
B. Magistrate Fine and/or Ban: 41-50	1,094	5,351	6,445	2.7%
C. Magistrate Fine and/or Long Ban: >=51	118	446	564	0.2%
Non-Compliant >30 Mph	14,919	63,678	78,597	33.3%
Staffordshire Police Guidelines on Speed Awareness Courses (BL)				%
Lower Limit 35 Mph - Upper Limit 42 Mph				
Site	Inbound	Outbound	Total	
Bradbury Lane	4,929	26,214	31,143	13.2%

Leofric Close SID

Magistrate Guidelines (LC)	Inbound	Outbound	Total	%
Compliant <=30 Mph	73,533	58,259	131,792	75.2%
A. Fixed Penalty/Speed Awareness: 31-40	6,406	34,484	40,890	23.3%
B. Magistrate Fine and/or Ban: 41-50	309	2,038	2,347	1.3%
C. Magistrate Fine and/or Long Ban: >=51	14	158	172	0.1%
Non-Compliant >30 Mph	6,729	36,680	43,409	24.8%
Staffordshire Police Guidelines on Speed Awareness Courses (LC)				%
Lower Limit 35 Mph - Upper Limit 42 Mph				
Site	Inbound	Outbound	Total	
Leofric Close	1,972	12,776	14,748	8.4%

Summary of Report – Speed Risk for Pedestrians Crossing the A515 at Bradbury Lane

Safe Gap	Bradbury Lane - Speed Risk Index (SRI) for a Pedestrian's Safety Gap of >= 10 Seconds (Per Hour and Per Day)																									
10		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave
1	53	50	52	44	47	42	52	61	82	105	143	209	189	198	934	176	151	132	113	79	67	66	71	58	132	
2	51	58	46	47	42	50	49	67	79	111	138	174	201	213	228	182	176	128	96	77	76	64	51	51	102	
3	55	53	46	46	50	82	129	267	254	179	168	146	162	157	169	238	293	244	124	85	59	61	65	48	133	
4	54	50	45	47	56	76	145	267	253	186	132	158	172	176	218	224	291	228	111	90	63	59	61	54	134	
5	53	58	57	46	50	75	144	315	252	187	152	152	186	177	197	236	291	265	135	88	75	67	68	59	141	
6	49	44	52	41	58	79	170	361	280	219	181	162	153	163	236	234	283	260	148	86	76	71	58	49	146	
7	53	61	45	53	61	81	129	271	213	224	179	186	233	215	255	309	312	193	164	102	68	68	66	53	150	
8	54	45	57	44	51	53	68	90	118	161	173	200	189	202	180	219	164	156	124	79	84	71	64	56	113	
9	57	53	40	57	41	49	59	66	78	129	139	148	183	191	172	155	151	120	90	74	70	59	55	39	95	
10	49	44	39	41	55	70	146	317	313	192	140	135	144	134	153	193	268	239	136	80	63	62	69	51	131	
11	53	65	54	50	62	74	152	308	275	163	137	155	159	164	199	244	316	278	139	94	70	53	58	51	140	
12	54	60	41	47	56	76	137	205	291	187	161	129	129	127	170	200	187	350	163	96	76	65	73	55	131	
13	55	50	42	54	55	78	156	274	279	201	160	152	179	152	281	275	252	278	139	101	64	70	70	57	145	
14	53	53	42	44	61	59	104	180	218	162	138	162	187	183	175	218	190	140	97	78	61	47	54	45	115	
15	49	41	51	45	39	47	57	82	106	148	148	165	185	160	161	158	154	125	97	76	61	60	58	57	97	
16	62	47	42	55	41	46	56	61	83	115	146	161	173	169	180	181	167	119	106	78	67	50	48	51	96	
17	39	52	40	46	53	74	138	247	312	203	160	151	156	156	204	250	270	300	152	92	72	58	54	45	138	
18	53	49	55	42	55	80	143	299	343	191	127	146	158	156	229	239	295	249	127	94	59	55	48	47	139	
19	46	42	50	41	49	70	151	284	294	196	155	152	154	183	180	203	297	274	139	87	67	65	66	47	137	
20	41	35	43	46	49	77	111	196	252	183	144	156	146	187	267	250	319	254	129	89	70	61	59	49	134	
21	48	46	45	45	46	70	125	208	222	182	165	187	162	231	272	266	283	219	121	84	60	61	63	49	136	
22	51	39	49	40	42	49	59	77	106	131	167	149	202	180	153	144	158	122	98	80	61	56	60	50	97	
23	49	47	41	37	38	48	67	66	79	118	136	140	212	214	177	151	164	124	88	72	72	53	60	45	96	
24	35	47	34	42	52	70	127	243	264	171	142	175	186	161	256	245	292	267	109	85	67	57	59	53	135	
25	54	61	42	52	53	83	152	208	280	197	160	162	152	195	216	242	267	267	146	87	66	62	61	47	138	
26	53	43	48	40	50	72	136	239	245	179	136	158	152	174	197	209	250	249	127	88	70	61	64	50	129	
27	49	45	43	45	51	74	128	245	228	184	157	182	186	148	206	277	315	285	173	86	72	76	66	52	141	
28	50	45	46	54	47	69	139	255	239	182	191	171	180	177	249	216	227	180	137	106	57	66	50	53	133	
29	42	40	50	43	42	49	54	66	93	122	154	131	136	131	154	128	115	97	88	69	68	51	57	48	84	
30	47	39	43	46	74	53	48	54	63	119	129	126	166	154	131	136	126	92	77	69	58	55	46	42	83	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ave	120	49	47	44	45	49	64	107	190	200	162	147	154	167	169	219	206	227	201	119	82	65	59	58	49	120

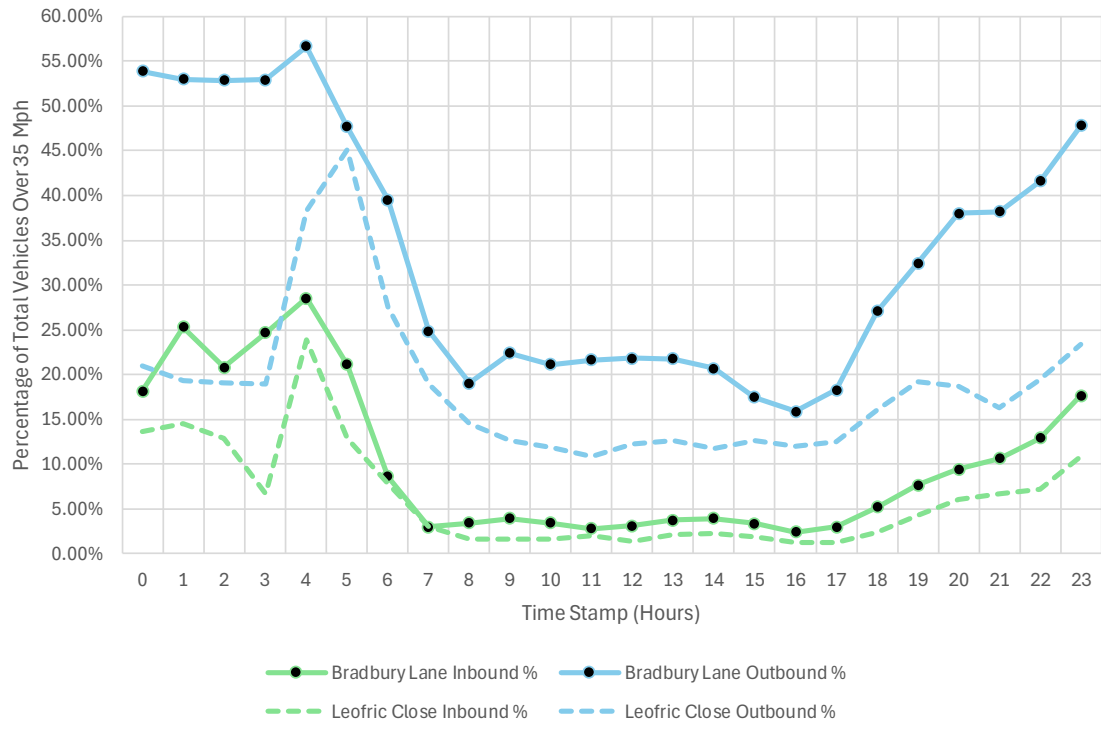
Summary of Report – Speed Risk for Pedestrians Crossing the A515 at Leofric Close

Safe Gap Leofric Close - Speed Risk Index (SRI) for a Pedestrian's Safety Gap of >= 10 Seconds (Per Hour and Per Day)																											
10		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Ave	
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	123	117	110	84	87	93	62	53	60	59	48	37	
	2	39	38	36	31	35	36	43	51	62	76	114	111	122	125	133	107	113	91	67	56	47	44	45	42	69	
	3	41	33	31	34	42	57	89	181	166	112	107	99	107	104	103	122	170	156	86	65	52	51	42	34	87	
	4	41	64	30	34	45	52	82	166	146	126	95	99	102	99	130	115	153	153	61	68	48	43	44	37	85	
	5	47	28	31	45	47	53	92	154	142	128	92	101	100	115	111	143	174	137	95	76	64	43	52	47	88	
	6	45	32	37	40	57	52	93	158	170	143	95	108	109	106	118	137	147	161	102	63	55	48	46	43	90	
	7	38	37	47	40	49	53	85	141	131	138	112	115	130	135	151	178	177	127	110	73	55	49	47	45	94	
	8	47	36	34	33	44	41	50	63	79	90	109	127	155	134	95	115	110	102	83	54	61	58	55	45	76	
	9	40	40	30	42	41	38	45	43	68	89	90	89	115	103	122	105	118	81	67	66	50	47	47	41	67	
	10	48	34	38	36	46	53	90	170	177	125	95	90	84	91	111	126	153	125	99	58	54	45	48	40	85	
	11	44	38	50	31	44	51	92	169	171	117	100	94	112	109	110	131	164	156	104	74	54	41	47	44	89	
	12	44	37	33	48	43	52	85	132	133	115	93	90	76	82	120	148	157	146	112	75	57	49	52	44	84	
	13	42	33	37	34	44	53	92	172	150	128	107	105	115	109	151	147	164	124	95	79	54	56	50	42	91	
	14	41	38	40	36	50	48	72	117	131	112	109	95	109	110	107	118	103	73	59	60	46	45	51	42	76	
	15	40	41	43	35	44	40	47	65	71	98	103	118	122	107	117	103	99	89	74	67	53	47	45	45	71	
	16	43	42	34	35	53	41	42	51	54	76	84	115	130	106	117	109	109	89	76	52	52	39	46	40	68	
	17	37	38	35	41	57	51	97	153	160	122	98	100	104	103	133	189	179	177	100	63	48	44	44	53	93	
	18	45	37	32	38	54	57	106	155	161	143	90	107	97	99	123	155	168	173	105	62	47	42	43	37	91	
	19	45	38	31	37	44	57	89	168	185	125	97	105	98	106	111	97	111	162	108	60	57	48	47	45	86	
	20	36	41	43	37	46	51	96	168	178	135	96	114	97	111	140	134	177	160	100	71	55	51	47	55	93	
	21	44	30	42	40	48	50	87	134	149	114	106	108	110	128	131	181	177	135	101	71	55	59	46	37	91	
	22	39	41	48	35	32	46	44	56	81	99	115	120	125	128	116	106	89	83	79	60	49	44	50	47	72	
	23	43	38	49	44	37	43	48	52	57	97	93	114	143	133	112	119	150	90	65	59	43	44	44	40	73	
	24	34	32	36	31	43	57	88	164	164	117	99	104	101	113	133	147	157	148	84	65	51	41	47	45	87	
	25	50	38	37	32	49	57	91	170	148	132	101	94	109	120	154	149	171	169	100	74	53	49	45	38	93	
	26	42	46	42	29	45	54	96	160	157	121	91	99	89	106	113	142	155	142	86	70	53	51	53	43	87	
	27	37	37	26	35	53	54	84	173	174	118	99	101	115	129	138	156	137	153	98	72	49	55	50	53	92	
	28	43	34	37	40	49	48	87	186	198	130	135	122	125	132	166	192	180	165	96	73	58	59	43	45	102	
	29	42	40	40	38	34	47	52	62	77	108	130	111	119	119	109	119	100	87	84	68	54	42	50	45	74	
	30	47	44	32	44	34	43	45	52	60	94	126	130	136	131	123	108	110	74	70	60	59	44	46	34	73	
	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ave		80	39	36	35	35	42	46	71	119	123	107	96	100	105	110	120	129	137	123	86	64	51	46	46	42	80

Summary of Report

Excessive Speed and High Traffic Density Combining to Increase Risk to Pedestrians

Percentage of Drivers Speeding Over 35 Mph by Hour of Day



Speed Risk Index Comparison Indicating Peak Danger Periods at Both Locations

