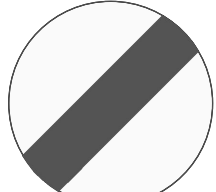




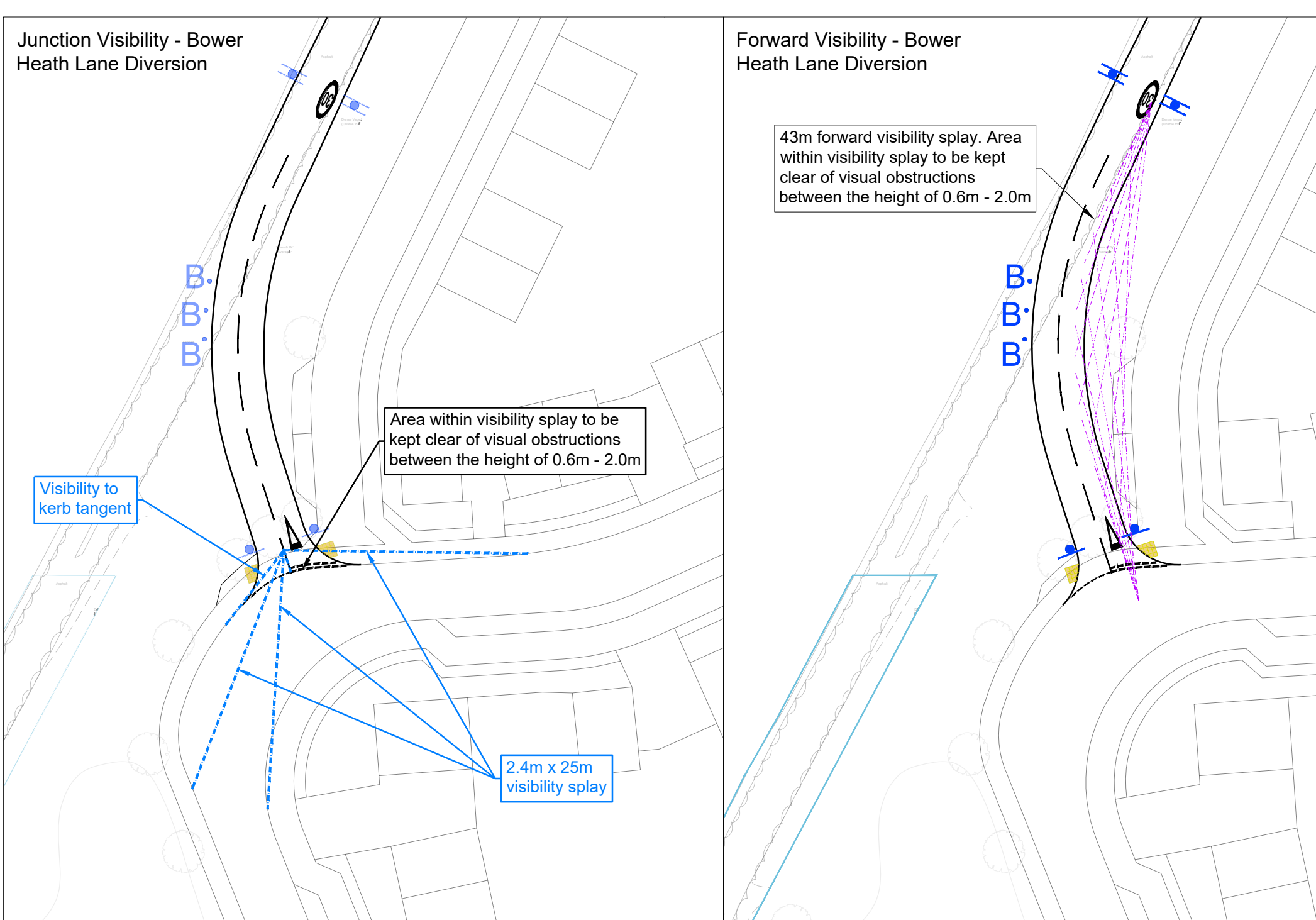
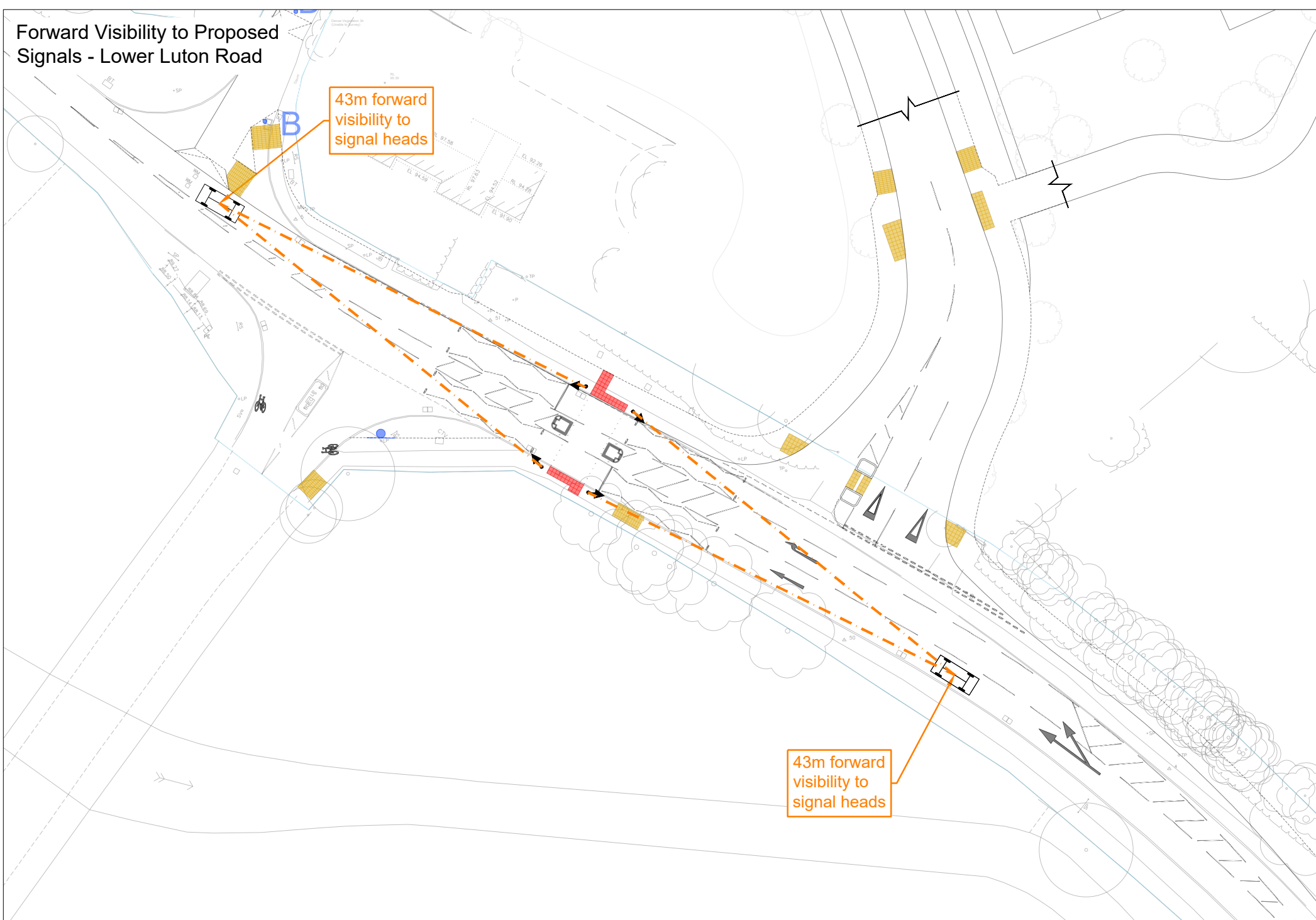
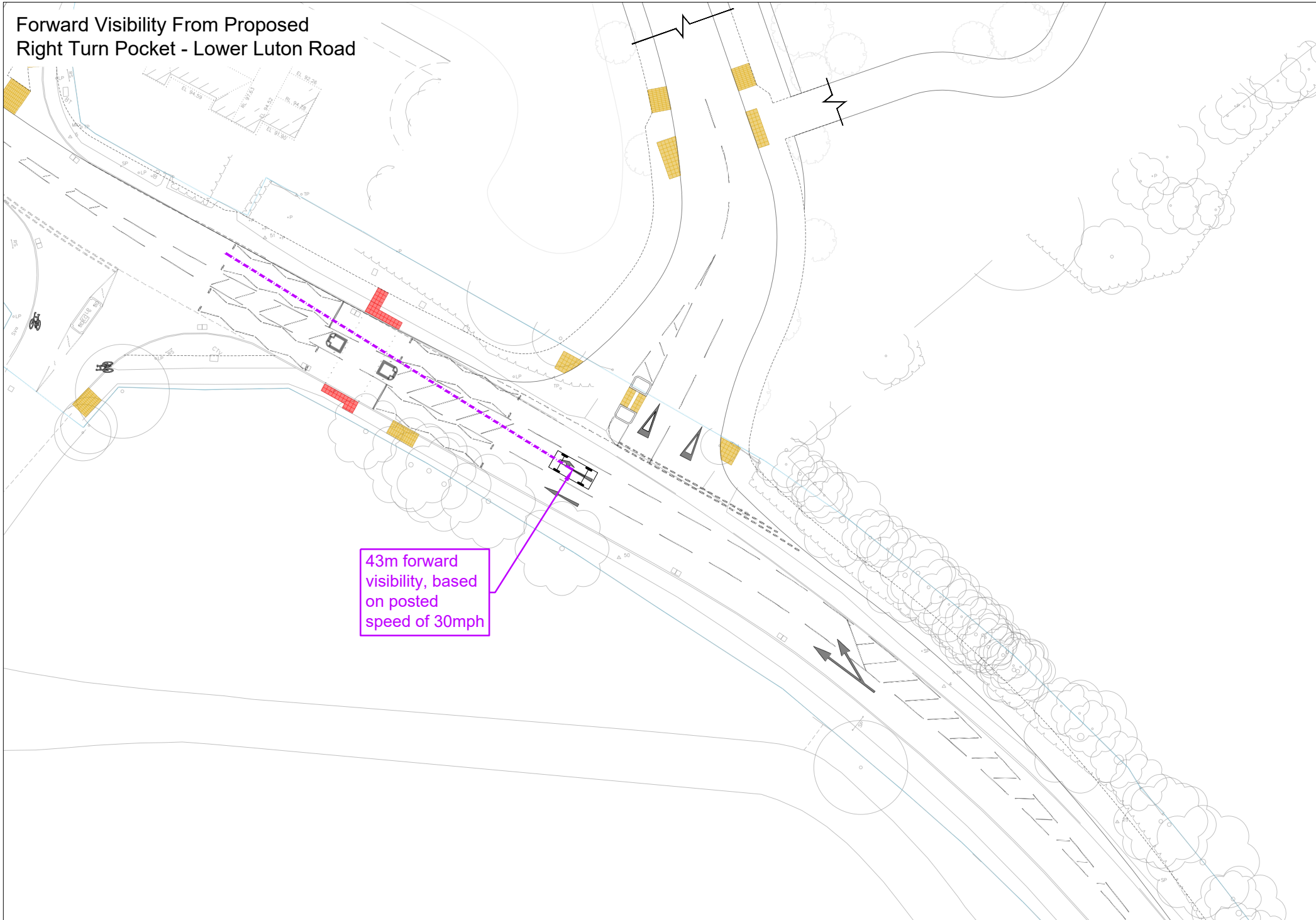
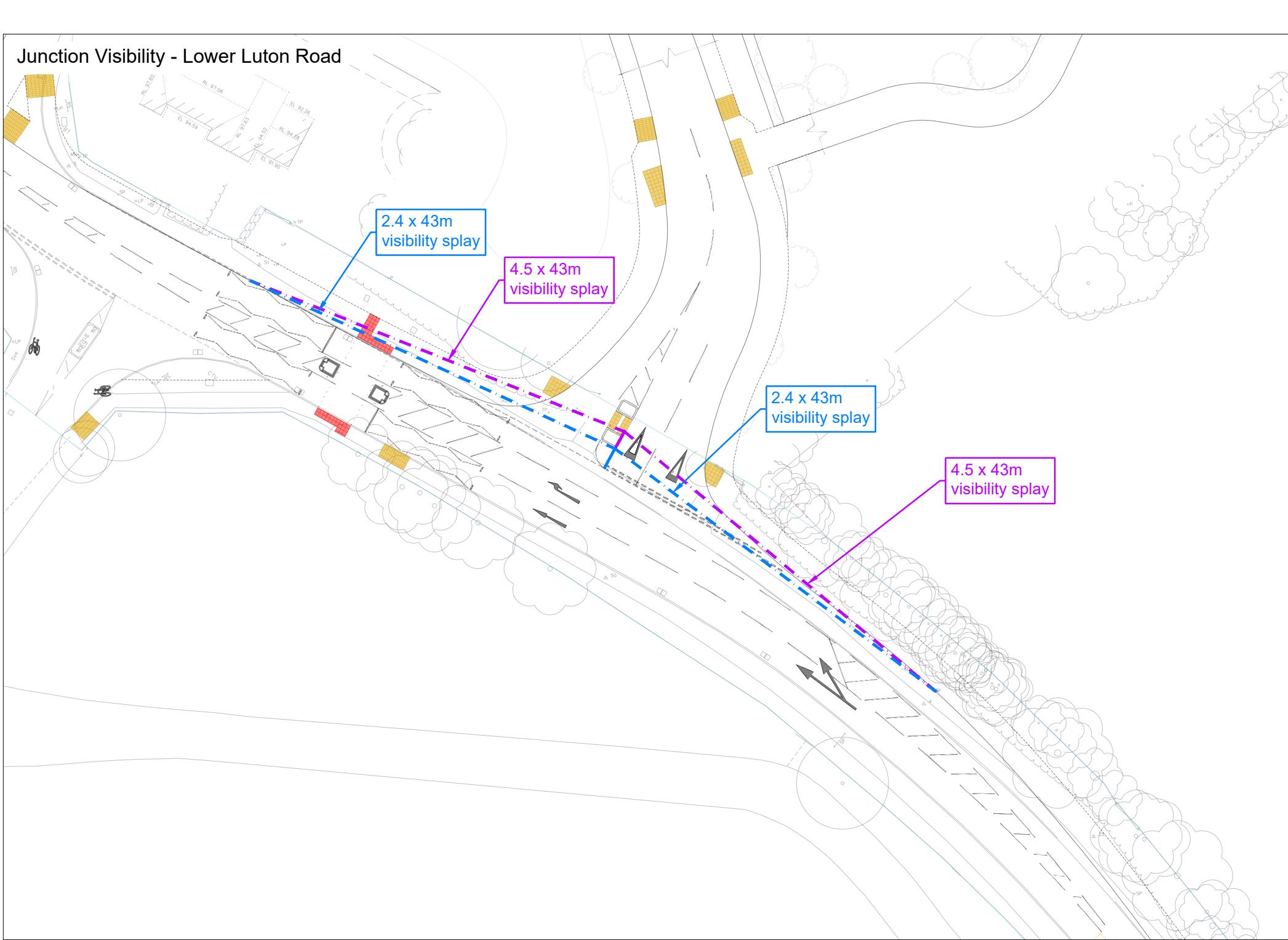
Proposed sign reference

S1 

S2 

S3 

S4 



Notes:

- This is not a construction drawing and is intended for illustrative purposes only.
- White lining is indicative only.
- Proposed site layout is based on: C6017 Masterplan Rev F

Key

- Proposed carriageway
- Proposed footway
- Proposed shared use route
- Proposed bridleway
- Proposed verge / landscaping
- Proposed sign & post
- Proposed traffic signal
- Proposed buff tactile paving
- Proposed red tactile paving

STATUS:

A	Highway boundary and site boundary updated	JB	TD	02.02.2020
REV	DETAILS	DRAWN	CHECKED	DATE

ILLUSTRATIVE PLAN

CLIENT:

Crest Strategic Projects

PROJECT:

Lower Luton Road, Harpenden

DRAWING TITLE:

Proposed Highway Layout

SCALES:

1:500 at A0

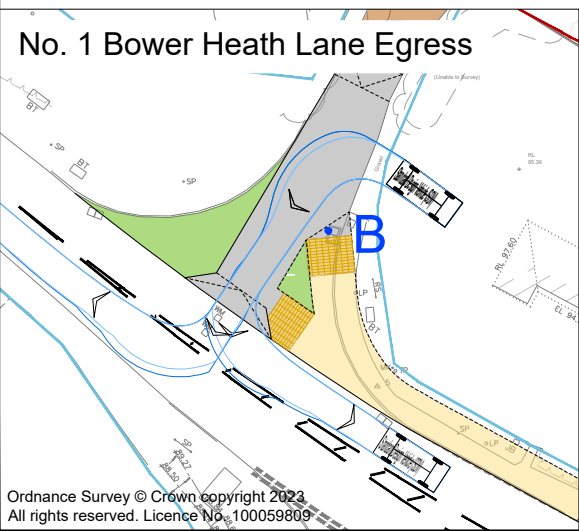
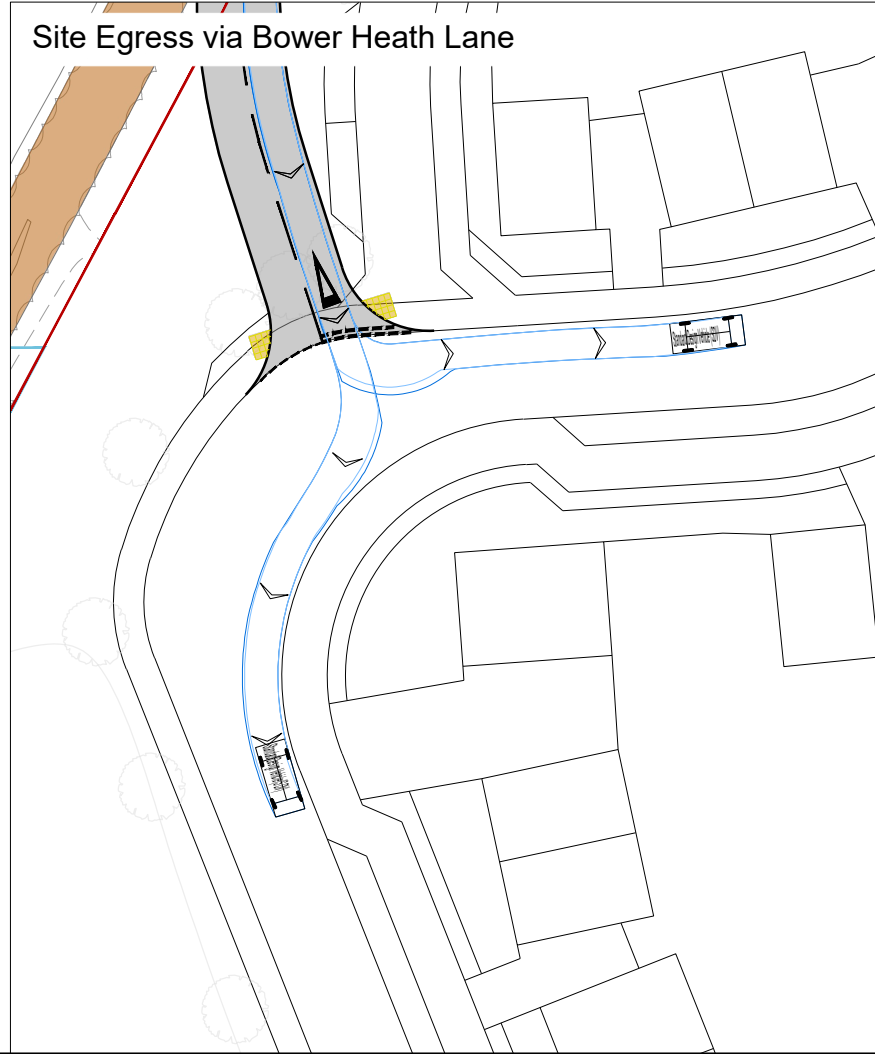
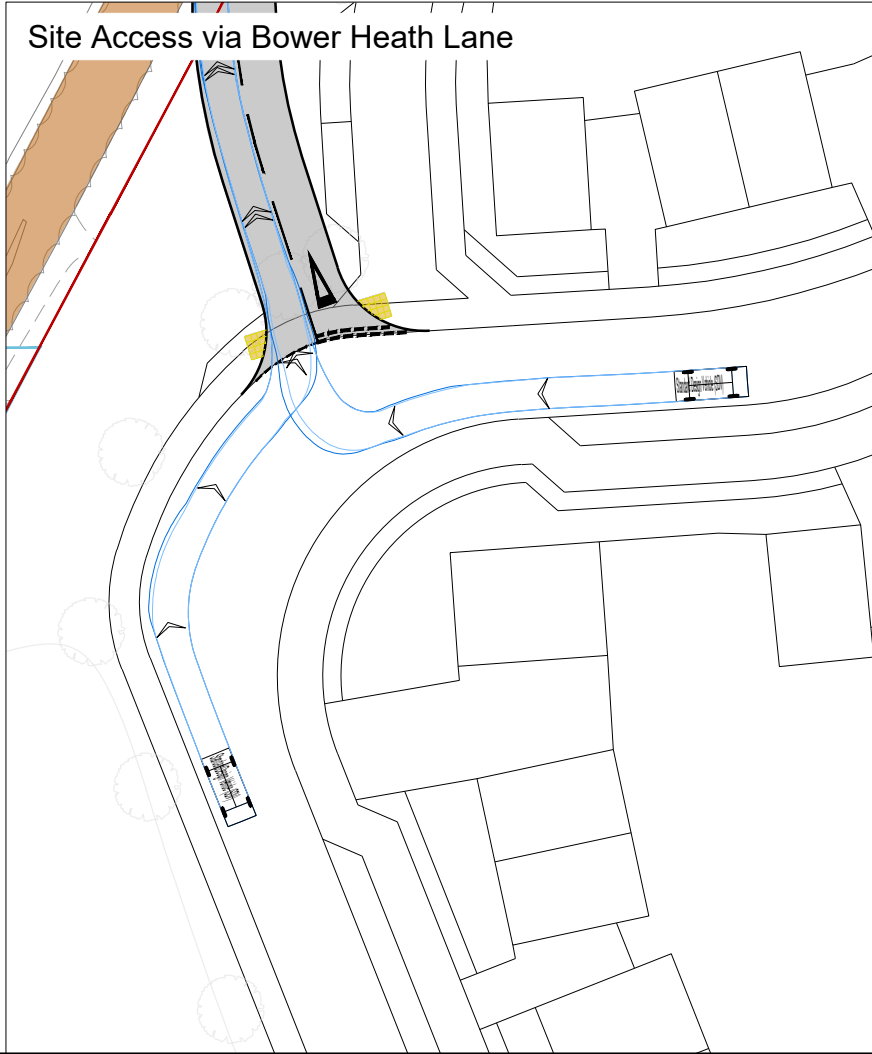
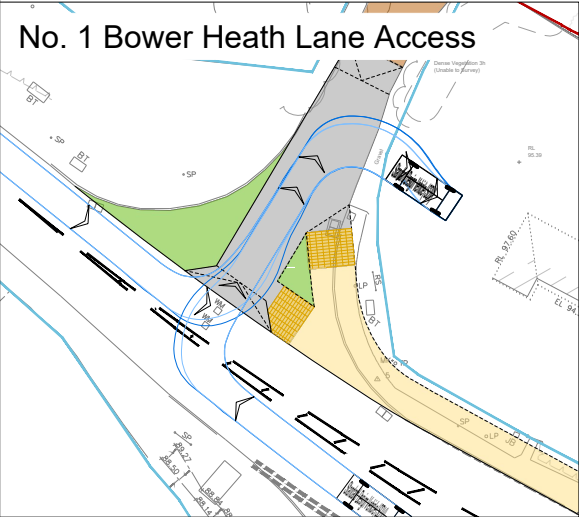
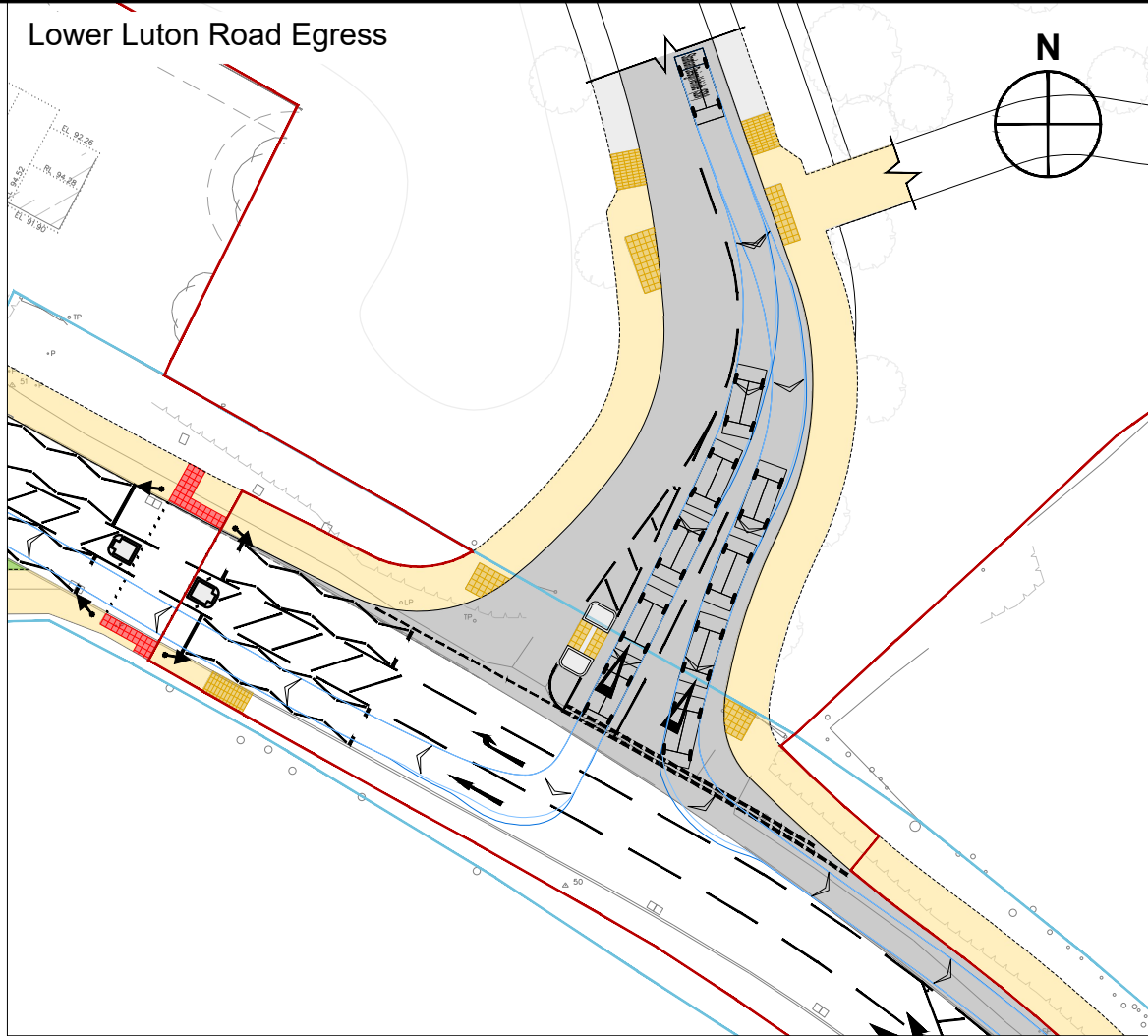
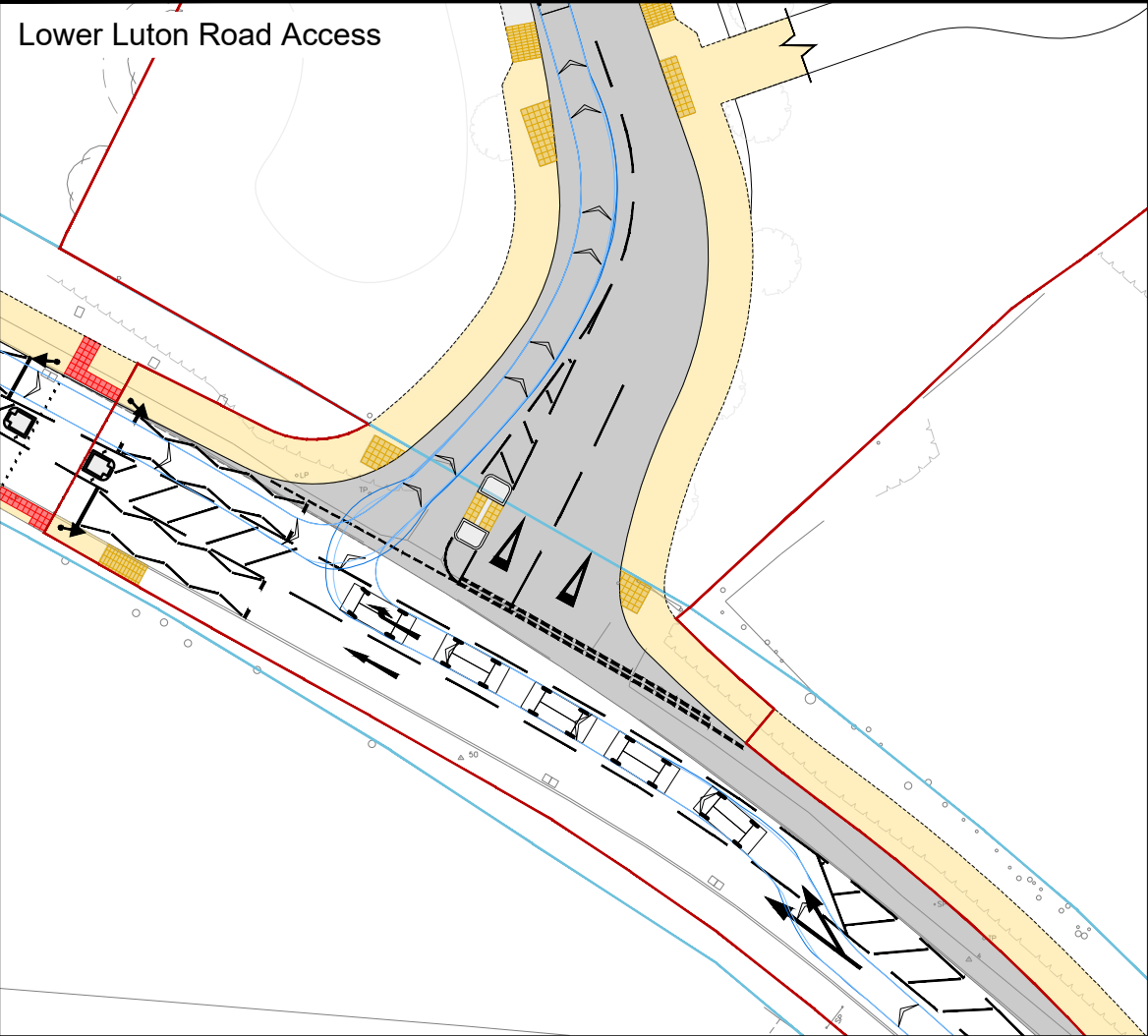
DRAWN: JB CHECKED: TD DATE: 03.12.2025

DRAWING NUMBER:

141499/SK20

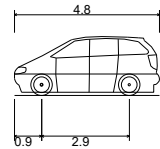
REVISION:

A



Notes:

1. This is not a construction drawing and is intended for illustrative purposes only
2. White lining is indicative only.



Standard Design Vehicle (SDV)

Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	1.950m
Min Body Ground Clearance	0.100m
Track Width	2.000m
Lock to lock time	4.00s
Wall to Wall Turning Radius	6.000m

THE STANDARD DESIGN VEHICLE (SDV) IS A COMPOSITE OF SMALLEST 95% OF PRIVATE VEHICLES REGISTERED TO DRIVE ON UK HIGHWAYS AND HAS BEEN DEvised BY THE I.C.E (INSTITUTE OF CIVIL ENGINEERS).

A	Red line boundary updated	JB	TD	23.02.2026
REV.	DETAILS	DRAWN	CHECKED	DATE

STATUS:

INFORMATION ONLY

CLIENT:

Crest Strategic Projects

PROJECT:

Lower Luton Road, Harpenden

DRAWING TITLE:

Swept Path Analysis Large Car (SDV)

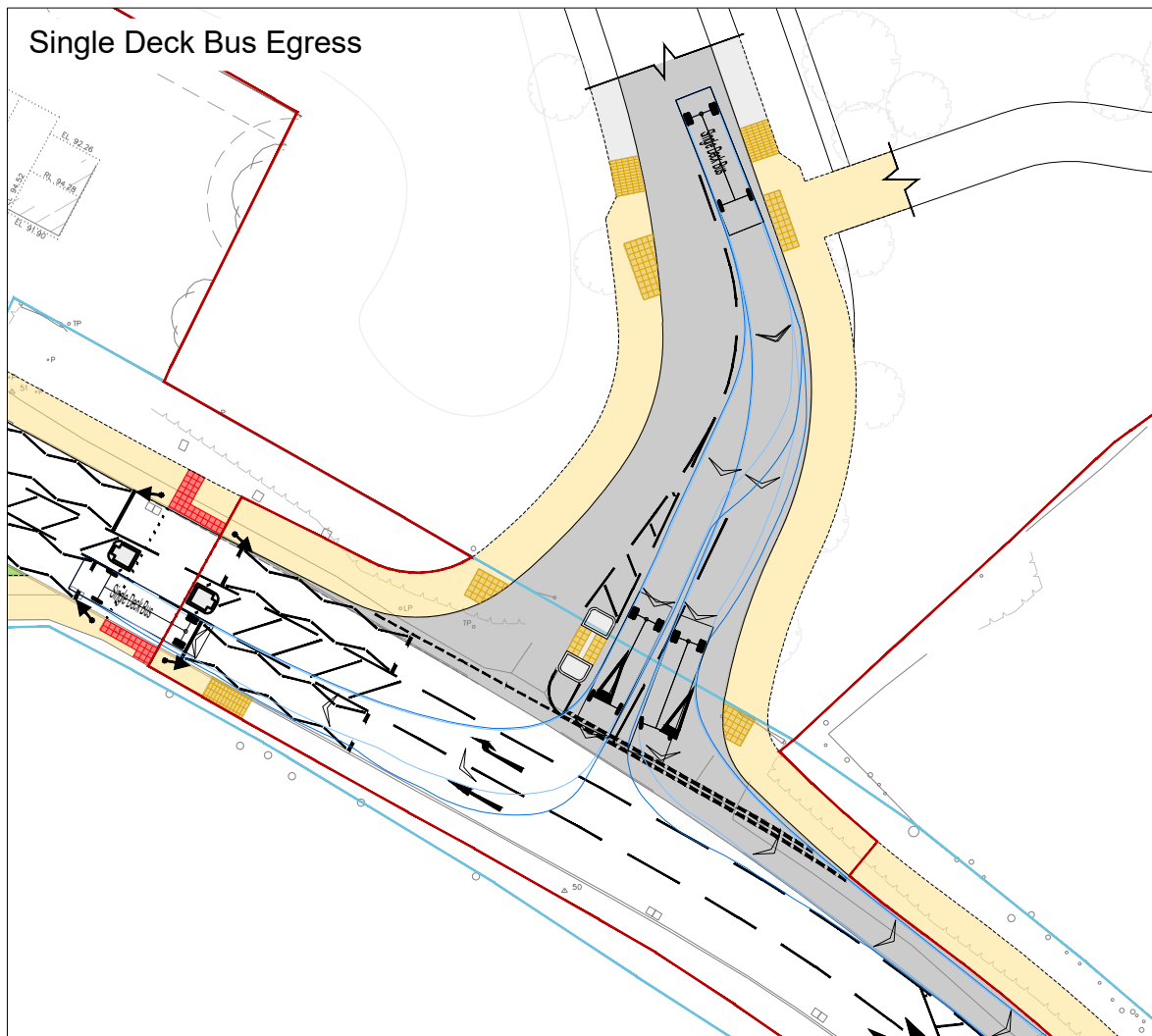
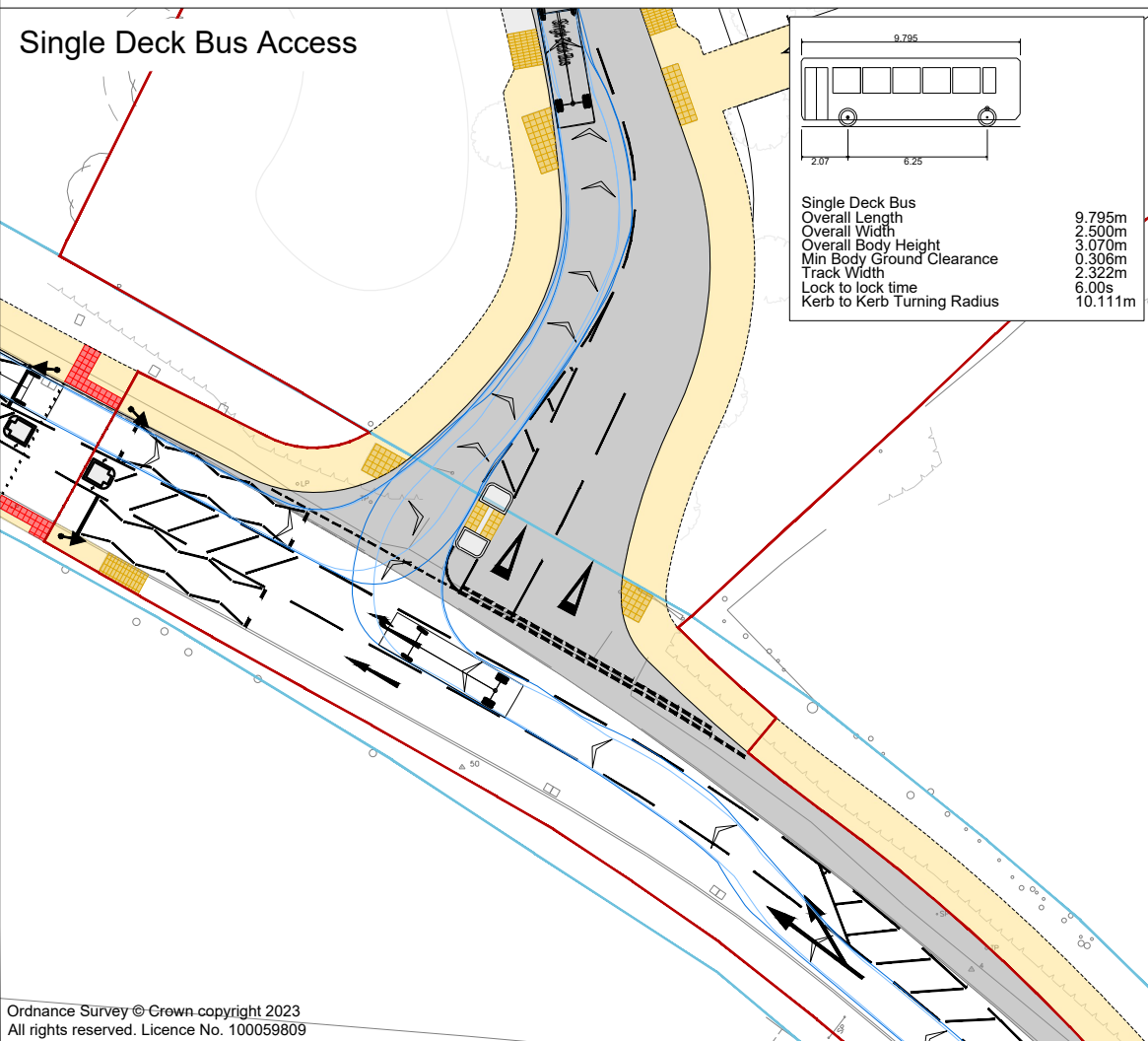
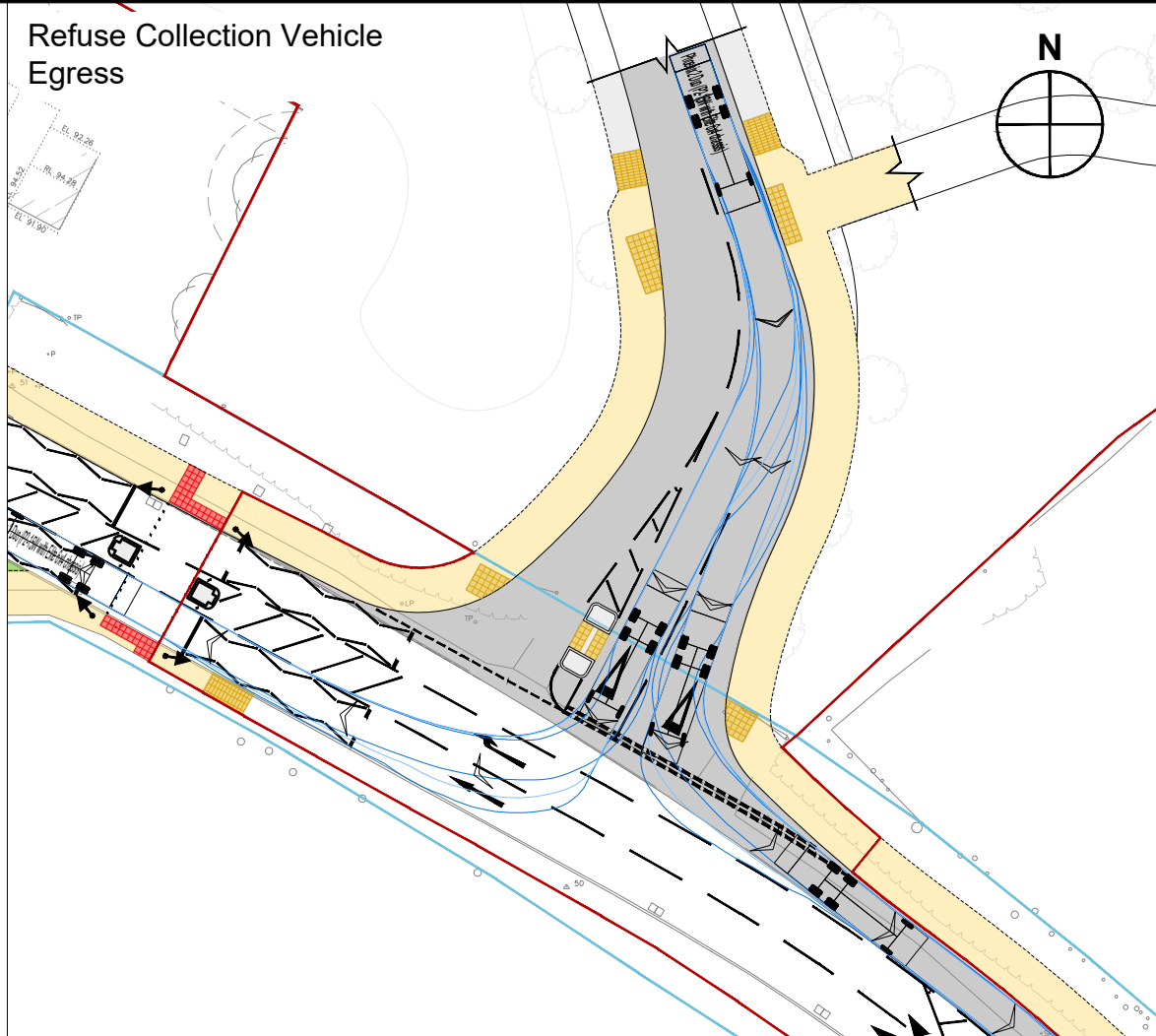
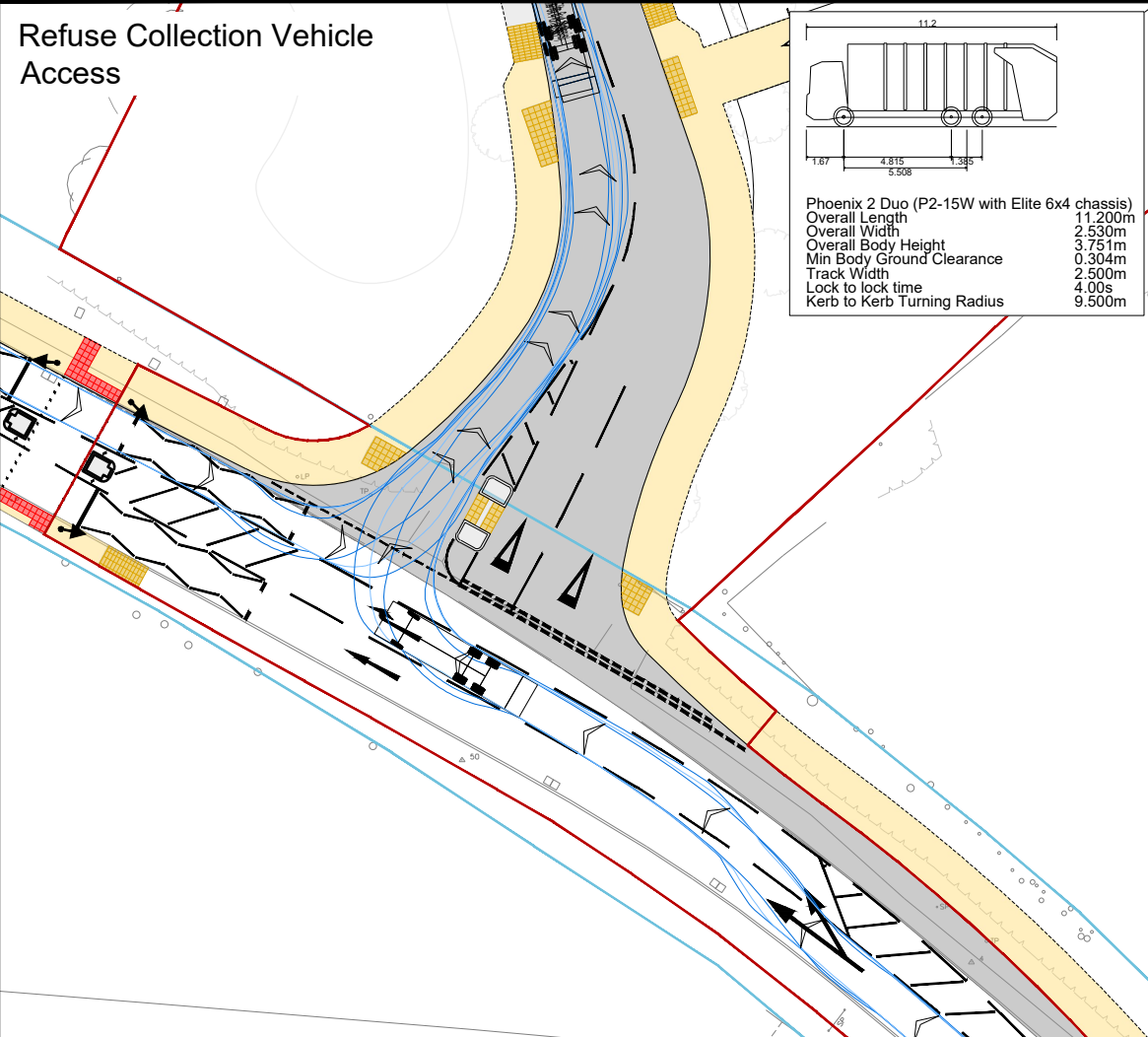
SCALES:

1:500 at A3

DRAWN:	JB	CHECKED:	TD	DATE:	03.12.2025
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DRAWING NUMBER:	141499/SK20/AT01	REVISION:	A
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Notes:

1. This is not a construction drawing and is intended for illustrative purposes only
2. White lining is indicative only.

A	Red line boundary updated	JB	TD	23.02.2026
REV.	DETAILS	DRAWN	CHECKED	DATE

STATUS:

INFORMATION ONLY

CLIENT:

Crest Strategic Projects

PROJECT:

Lower Luton Road, Harpenden

DRAWING TITLE:

Swept Path Analysis
Refuse Collection Vehicle &
Single Deck Bus

SCALES:

1:500 at A3

DRAWN:	JB	CHECKED:	TD	DATE:	03.12.2025
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SLR

DRAWING NUMBER:	141499/SK20/AT02	REVISION:	A
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N

Notes:

1. This is not a construction drawing and is intended for illustrative purposes only.

2. White lining is indicative only.

3. Proposed site layout is based on: C6017 Masterplan Rev F

Key

Proposed carriageway

Proposed footway

Proposed shared use route

Proposed brideway

Proposed verge / landscaping

Proposed sign & post

Proposed traffic signal

Proposed buff tactile paving

Proposed red tactile paving

Extent of highway boundary

Site boundary

FOR APPROVAL

Client: Crest Strategic Projects

Project: Lower Luton Road, Harpenden

Drawing Title: Works To Be Delivered Within Red Line Boundary

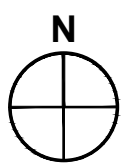
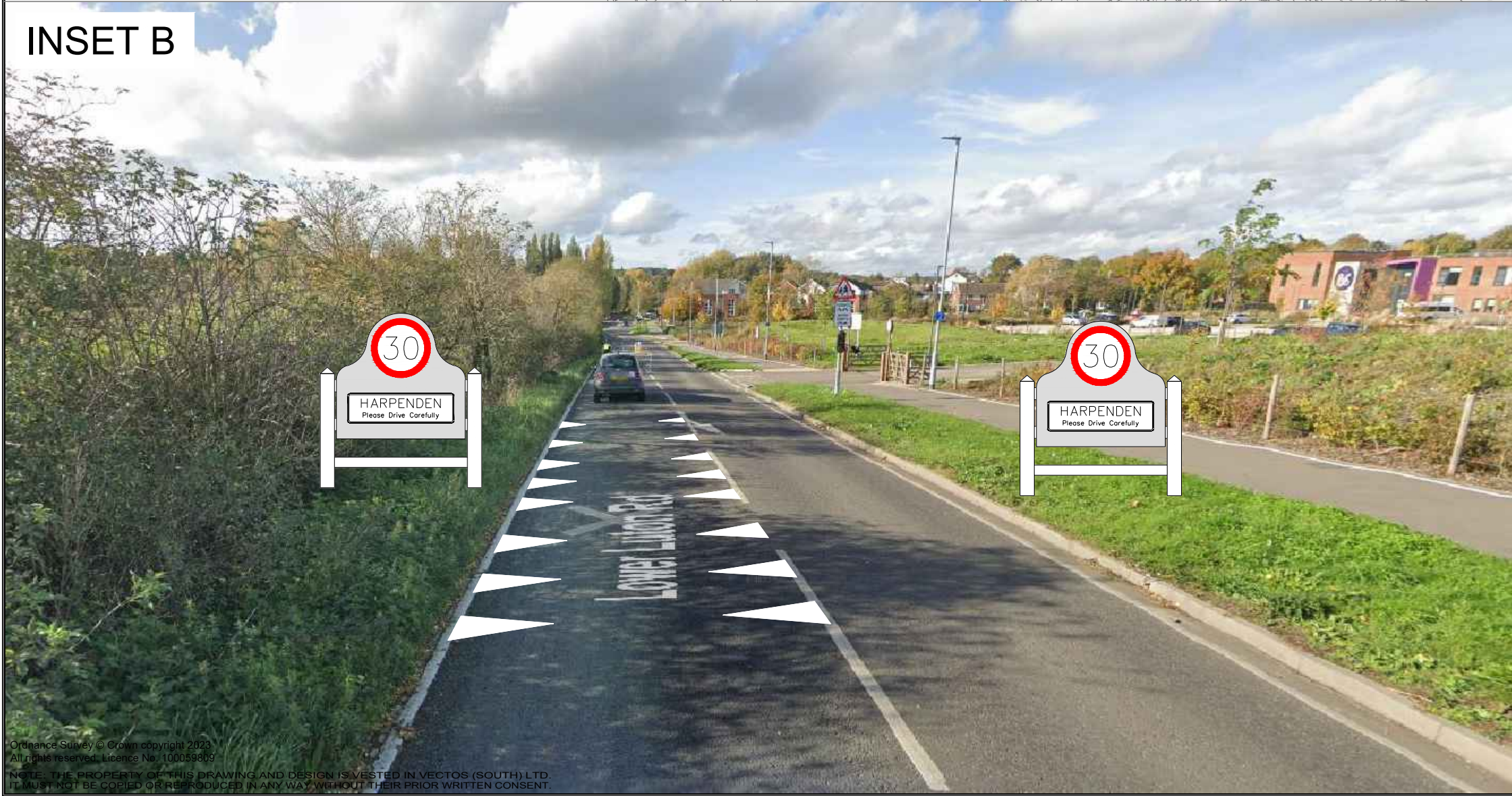
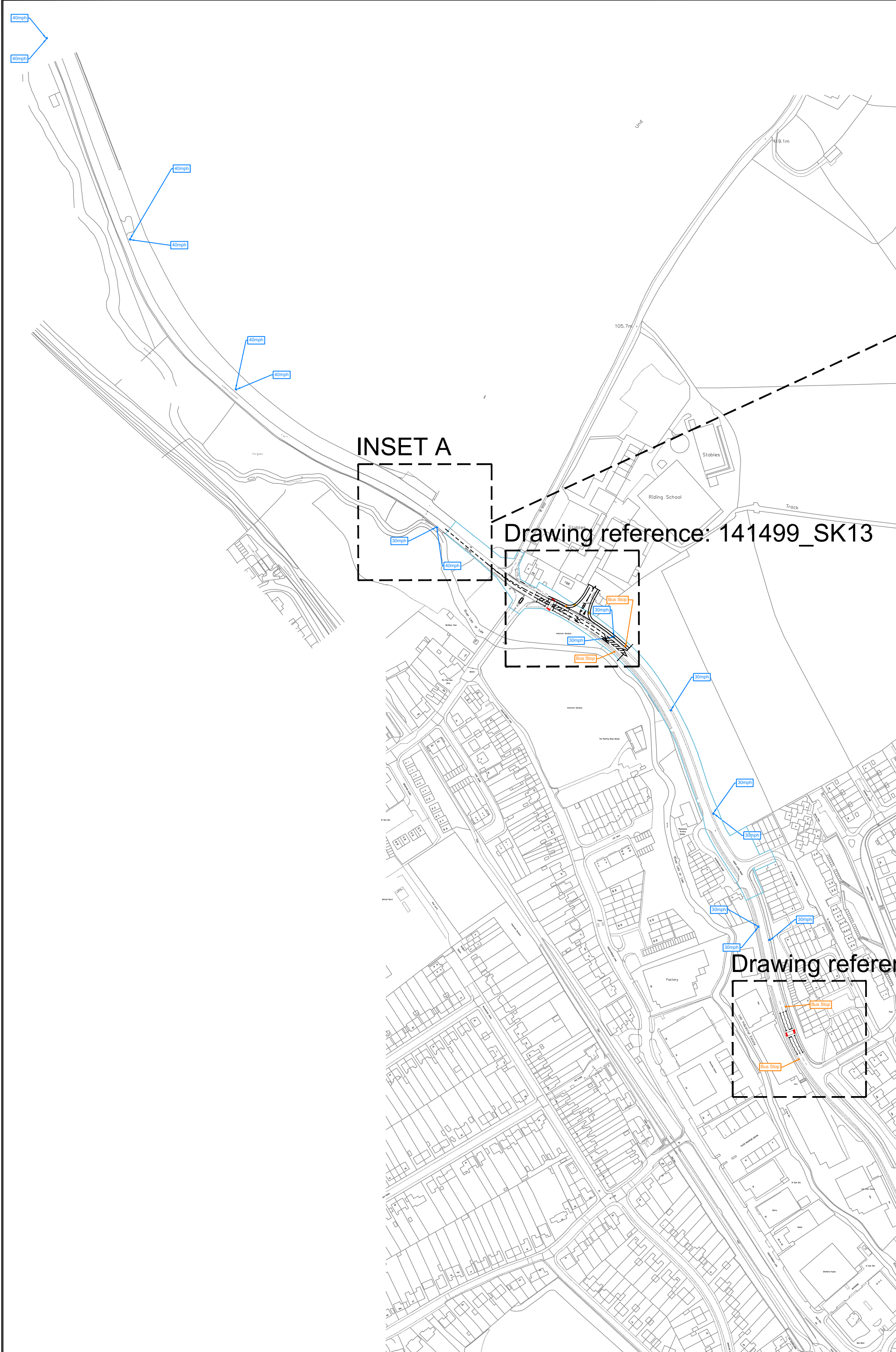
Scales: 1:500 at A0

Drawn: JB Checked: TD Date: 03.02.2026

Drawing Number: 141499/PD02 Revision: 1

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- Notes:
1. This is not a construction drawing and is intended for illustrative purposes only.
 2. White lining is indicative only.

Key

- Existing bus Stop Flag
- Existing Speed limit Sign

REV	Updated comments	MZ	TD	9.1.2025
REV	DETAILS	DRAWN	CHECKED	DATE

STATUS:

INFORMATION ONLY

CLIENT:

Crest Strategic Projects

PROJECT:

Lower Luton Road, Harpenden

DRAWING TITLE:

Existing Features

SCALES:

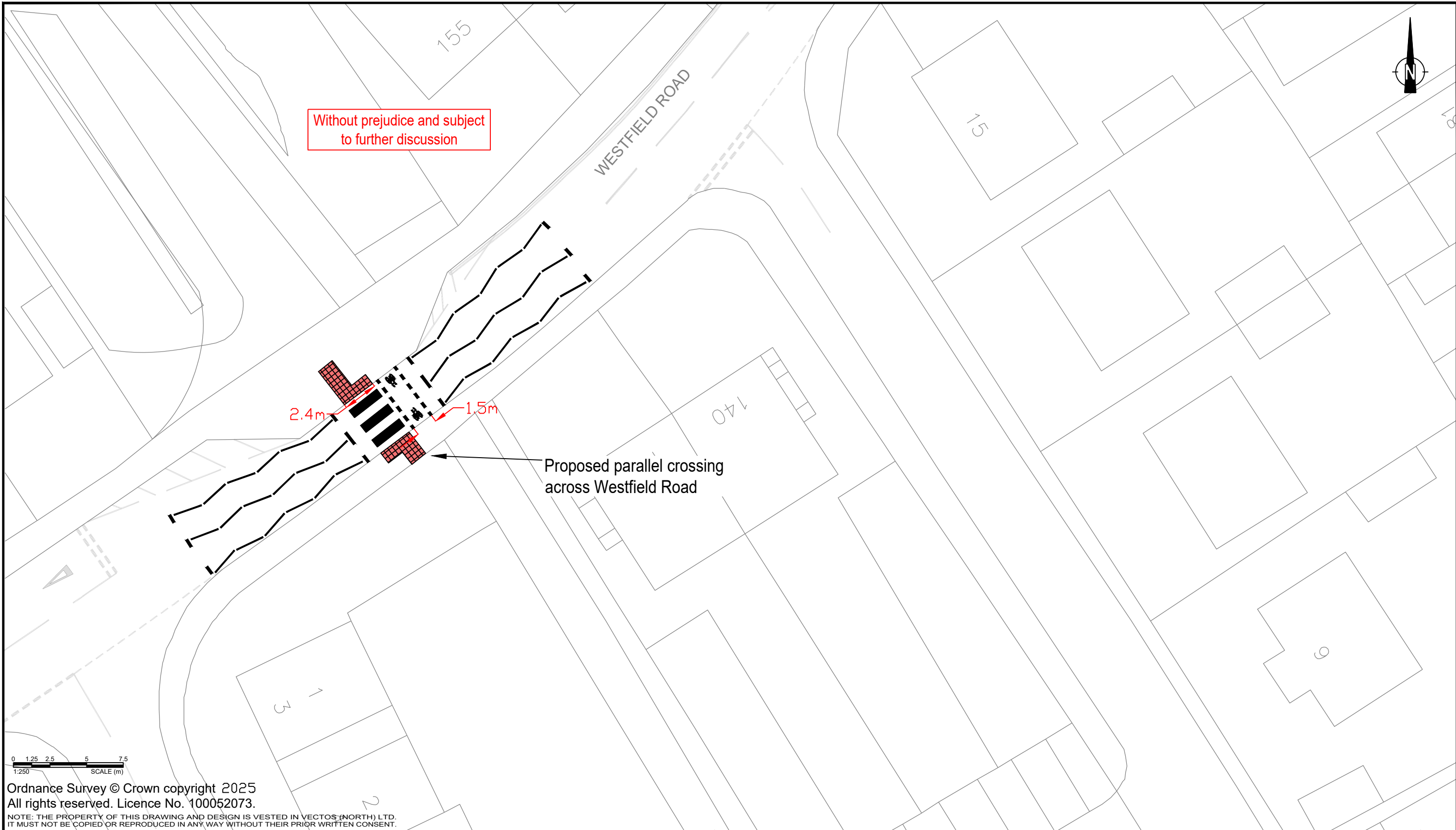
NTS at A1

DRAWN:	PP	CHECKED:	TD	DATE:	28.11.2024
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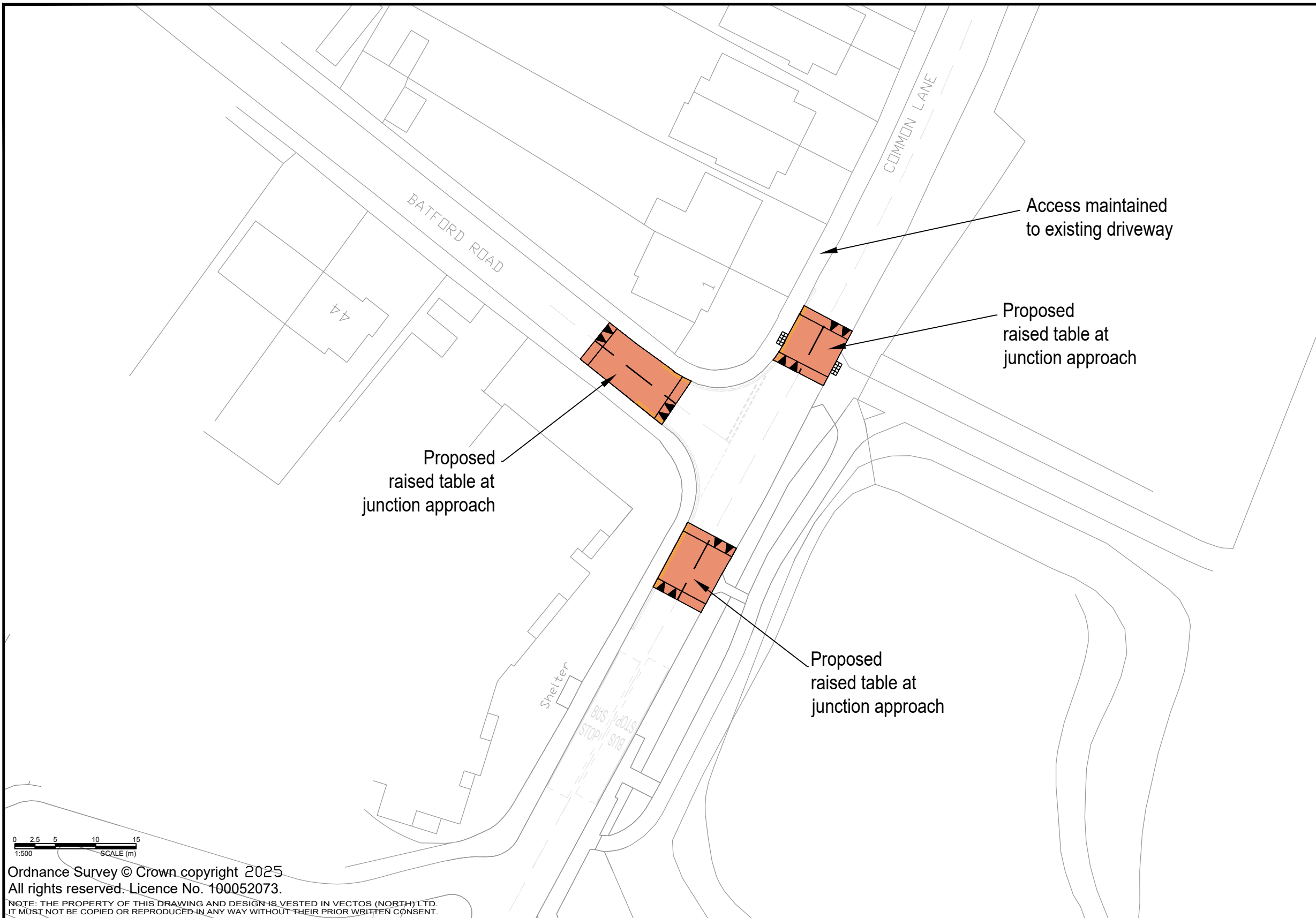


DRAWING NUMBER:	141499/SK11	REVISION:	A
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REV.	DETAILS	DRAWN	CHECKED	DATE	Notes:	Lower Luton Road, Harpenden		Crest Strategic Points	
A	Note added.	NS	TD	23.07.2025	1. This is not a construction drawing and is intended for illustrative purposes only. 2. White lining is indicative only.	Proposed Arrangement Parallel Crossing Along Westfield Road			
		DRAWN:	CHECKED:	DATE:	SCALES:	WD	TD	12.06.25	1:250 at A3
						DRAWING NUMBER:		REVISION:	
						141499/A/25		A	

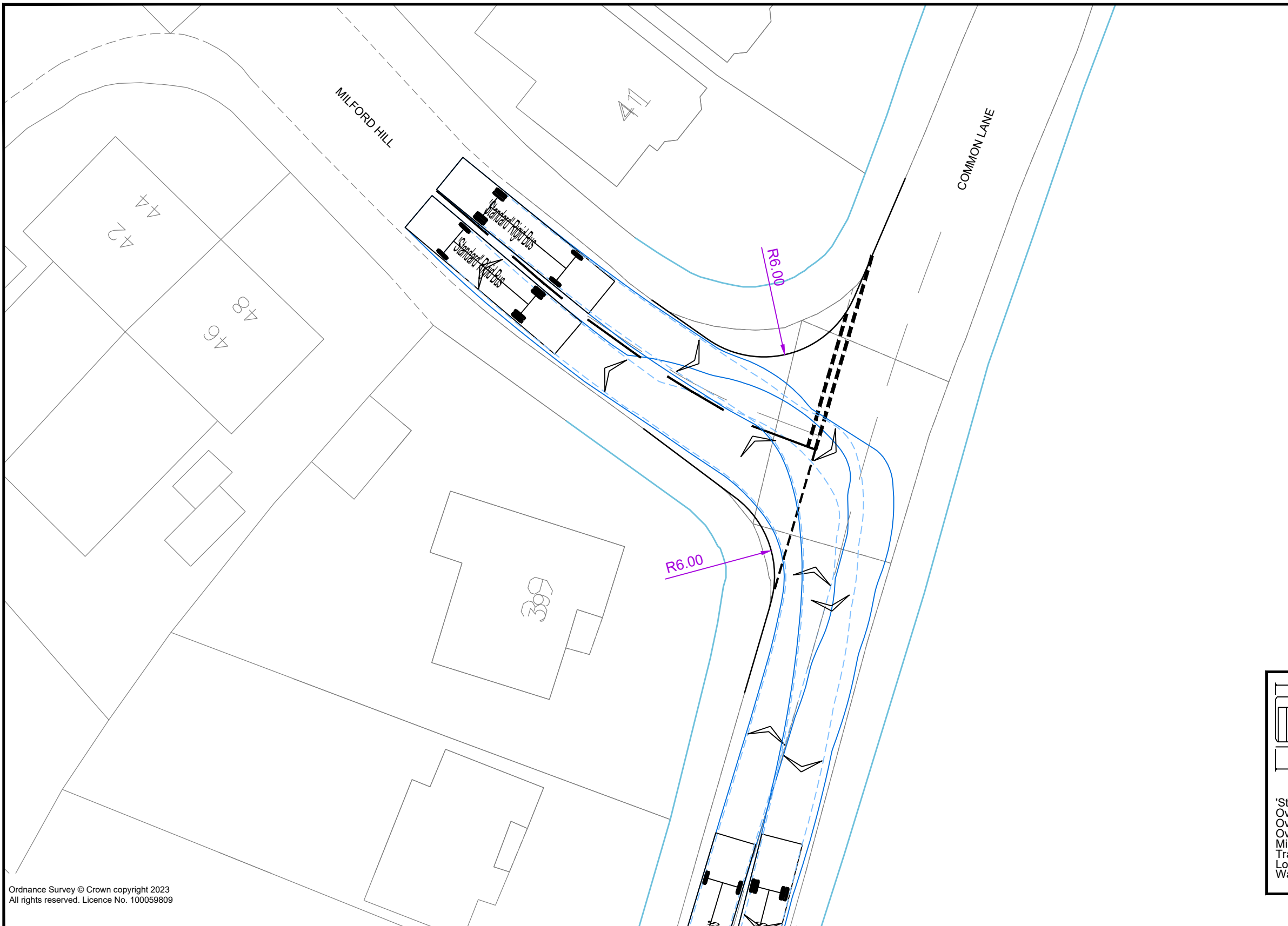
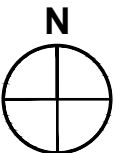


0 2.5 5 10 15
1:500 SCALE (m)

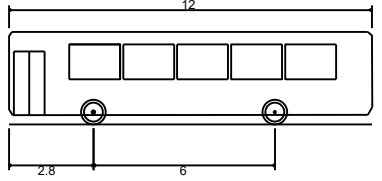
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IT MUST NOT BE COPIED OR REPRODUCED IN ANY WAY WITHOUT THEIR PRIOR WRITTEN CONSENT.

REV.	DETAILS	DRAWN	CHECKED	DATE	Notes:	Lower Luton Road, Harpenden		Crest Strategic Points	
A	Amendments to raised table.	NS	ID	18.07.2025	1. This is not a construction drawing and is intended for illustrative purposes only. 2. White lining is indicative only.	Proposed Arrangement Batford Road/ Common Lane Junction			
		DRAWN: WD	CHECKED: TD	DATE: 12.06.25	SCALES: 1:500 at A3	DRAWING NUMBER: 141499/A/23		REVISION: A	



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'Standard' Rigid Bus

Overall Length

Overall Width

Overall Body Height

Min Body Ground Clearance

Track Width

Lock to lock time

Wall to Wall Turning Radius

12.000m

2.550m

3.069m

0.309m

2.350m

4.00s

10.771m

REV.	DETAILS	DRAWN	CHECKED	DATE
INFORMATION ONLY				

Notes:

1. This is not a construction drawing and is intended for illustrative purposes only.

2. White lining is indicative only.

Lower Luton Road, Harpenden

Milford Hill / Common Lane Junction
Potential Amendments

DRAWN: NS

CHECKED: ID

DATE: 18.07.2025

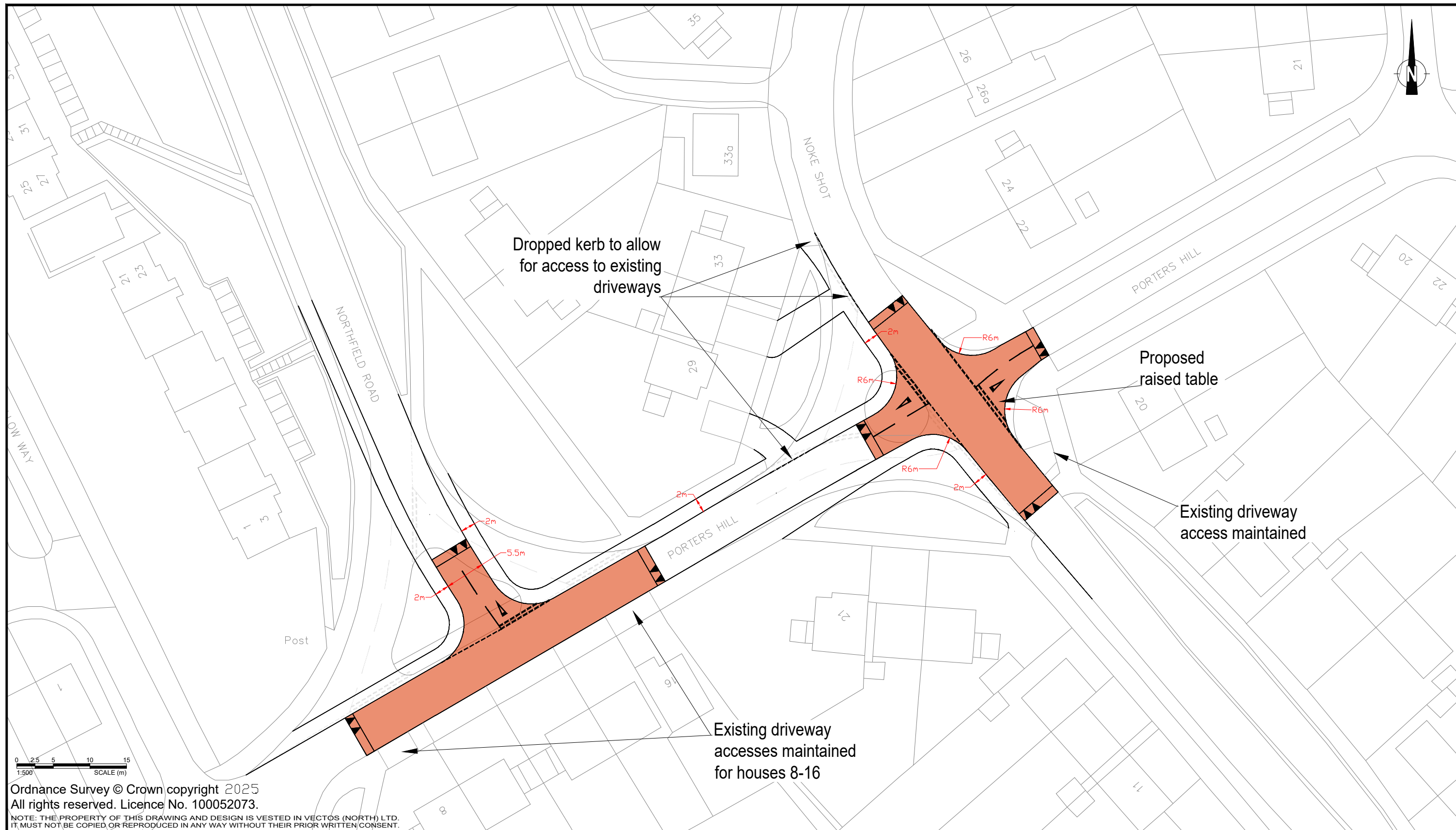
SCALES: 1:250 at A3

Crest Strategic Projects

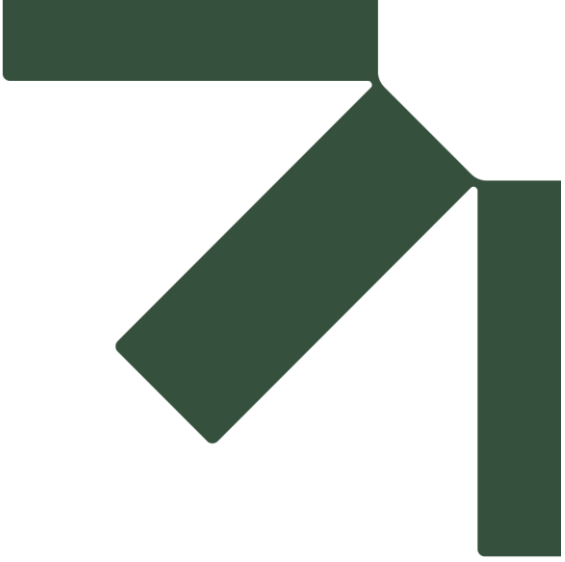


DRAWING NUMBER: 141499/SK14

REVISION: .



REV.	DETAILS	DRAWN	CHECKED	DATE	Notes: 1. This is not a construction drawing and is intended for illustrative purposes only. 2. White lining is indicative only.	Lower Luton Road, Harpenden				Crest Strategic Points	
						Proposed Arrangement Along Porters Hill/ Northfield Road/ Noke Shot					
						DRAWN: WD	CHECKED: TD	DATE: 12.06.25	SCALES: 1:500 at A3	DRAWING NUMBER: 141499/A/22	REVISION: .



Appendix C Traffic Surveys

Transport Assessment

Land North East of Harpenden between Lower Luton Road, Bower Heath Lane and Common Lane

Crest Nicholson

SLR Project No.: 141499

24 February 2026

Harpden ATC 1, A653 Lower Luton Road

Direction: Northbound

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	76	68	35	37	34	52	58	43	51
01:00	56	48	45	24	32	35	39	35	40
02:00	47	36	24	39	41	39	59	40	41
03:00	46	54	26	36	41	45	58	41	44
04:00	67	42	65	59	53	52	53	56	56
05:00	58	43	105	81	78	89	91	89	78
06:00	67	55	156	165	183	174	161	168	137
07:00	118	91	333	379	394	325	317	350	280
08:00	157	106	406	425	430	449	367	415	334
09:00	214	193	321	297	316	315	302	310	280
10:00	298	290	232	272	271	282	313	274	280
11:00	285	287	255	311	241	319	335	292	290
12:00	296	311	308	323	331	283	461	341	330
13:00	327	315	273	310	360	340	541	365	352
14:00	307	304	344	425	374	461	591	439	401
15:00	261	265	466	586	616	597	622	577	488
16:00	250	268	646	817	756	612	726	711	582
17:00	262	238	643	850	708	619	688	702	573
18:00	199	214	436	418	520	438	494	461	388
19:00	182	210	232	239	317	267	312	273	251
20:00	153	131	172	165	170	189	198	179	168
21:00	117	124	120	117	136	155	163	138	133
22:00	127	108	127	165	141	133	141	141	135
23:00	93	78	69	65	69	80	81	73	76
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	2974 3493 3713 4063	2882 3402 3588 3879	4663 5343 5539 5839	5413 6099 6329 6605	5317 6123 6333 6612	5040 5825 6038 6350	5757 6591 6813 7171	5238 5996 6210 6515	4578 5268 5479 5788
AM Peak	10:00 298	10:00 290	08:00 406	08:00 425	08:00 430	08:00 449	08:00 367	08:00 415	08:00 334
PM Peak	13:00 327	13:00 315	16:00 646	17:00 850	16:00 756	17:00 619	16:00 726	16:00 711	16:00 582

Paul Castle Associates

Direction: Southbound

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	31	64	31	38	38	33	58	40	42
01:00	33	35	24	18	18	20	24	21	25
02:00	24	21	20	22	19	28	25	23	23
03:00	31	27	24	25	27	19	28	25	26
04:00	29	31	57	44	50	34	44	46	41
05:00	61	61	106	118	103	118	113	112	97
06:00	115	99	308	345	322	290	280	309	251
07:00	136	100	673	817	847	727	617	736	560
08:00	161	116	559	711	672	622	481	609	475
09:00	222	163	334	387	367	374	305	353	307
10:00	230	217	244	263	283	248	252	258	248
11:00	279	308	250	257	255	280	243	257	267
12:00	266	320	284	272	273	270	290	278	282
13:00	309	303	257	313	284	262	300	284	290
14:00	312	275	299	330	293	342	360	325	316
15:00	323	250	367	354	360	340	333	351	332
16:00	283	256	417	428	405	375	359	397	360
17:00	243	242	351	457	410	346	393	391	349
18:00	250	234	277	333	319	296	308	307	288
19:00	155	168	216	249	222	249	207	229	209
20:00	119	123	137	119	138	152	137	137	132
21:00	102	116	98	109	120	133	138	120	117
22:00	95	68	59	99	79	101	164	100	95
23:00	82	49	52	59	37	72	133	71	69
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	3014 3505 3682 3891	2784 3290 3407 3646	4312 5071 5182 5444	4927 5749 5907 6172	4768 5570 5686 5941	4482 5306 5479 5731	4241 5003 5300 5592	4546 5340 5511 5776	4075 4785 4949 5202
AM Peak	11:00 279	11:00 308	07:00 673	07:00 817	07:00 847	07:00 727	07:00 617	07:00 736	07:00 560
PM Peak	15:00 323	12:00 320	16:00 417	17:00 457	17:00 410	16:00 375	17:00 393	16:00 397	16:00 360

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	107	132	66	75	72	85	116	83	93
01:00	89	83	69	42	50	55	63	56	64
02:00	71	57	44	61	60	67	84	63	63
03:00	77	81	50	61	68	64	86	66	70
04:00	96	73	122	103	103	86	97	102	97
05:00	119	104	211	199	181	207	204	200	175
06:00	182	154	464	510	505	464	441	477	389
07:00	254	191	1006	1196	1241	1052	934	1086	839
08:00	318	222	965	1136	1102	1071	848	1024	809
09:00	436	356	655	684	683	689	607	664	587
10:00	528	507	476	535	554	530	565	532	528
11:00	564	595	505	568	496	599	578	549	558
12:00	562	631	592	595	604	553	751	619	613
13:00	636	618	530	628	644	602	841	649	643
14:00	619	579	643	755	667	803	951	764	717
15:00	584	515	833	940	976	937	955	928	820
16:00	533	524	1063	1245	1161	987	1085	1108	943
17:00	505	480	994	1307	1118	965	1081	1093	921
18:00	449	448	713	751	839	734	802	768	677
19:00	337	378	448	488	539	516	519	502	461
20:00	272	254	309	284	308	341	335	315	300
21:00	219	240	218	226	256	288	301	258	250
22:00	222	176	186	264	220	234	305	242	230
23:00	175	127	121	124	106	152	214	143	146
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	5988 6998 7395 7954	5666 6692 6995 7525	8975 10414 10721 11283	10340 11848 12236 12777	10085 11693 12019 12553	9522 11131 11517 12081	9998 11594 12113 12763	9784 11336 11721 12291	8653 10053 10428 10991
AM Peak	11:00 564	11:00 595	07:00 1006	07:00 1196	07:00 1241	08:00 1071	07:00 934	07:00 1086	07:00 839
PM Peak	13:00 636	12:00 631	16:00 1063	17:00 1307	16:00 1161	16:00 987	16:00 1085	16:00 1108	16:00 943

Paul Castle Associates



Harpenden ATC 1, A653 Lower Luton Road

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	4063	3755	300	0	8
Sun 23 Jun 2024	3879	3592	269	6	12
Mon 24 Jun 2024	5839	5125	688	4	22
Tue 25 Jun 2024	6605	5734	842	5	24
Wed 26 Jun 2024	6612	5759	808	7	38
Thu 27 Jun 2024	6350	5561	736	15	38
Fri 28 Jun 2024	7171	6196	925	13	37
5 Day Ave.	6515	5675	800	9	32
7 Day Ave.	5788	5103	653	7	26

Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	3891	3533	348	1	9
Sun 23 Jun 2024	3646	3377	252	2	15
Mon 24 Jun 2024	5444	4712	704	2	26
Tue 25 Jun 2024	6172	5336	802	5	29
Wed 26 Jun 2024	5941	5096	807	6	32
Thu 27 Jun 2024	5731	4963	724	12	32
Fri 28 Jun 2024	5592	4854	693	10	35
5 Day Ave.	5776	4992	746	7	31
7 Day Ave.	5202	4553	619	5	25

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	7954	7288	648	1	17
Sun 23 Jun 2024	7525	6969	521	8	27
Mon 24 Jun 2024	11283	9837	1392	6	48
Tue 25 Jun 2024	12777	11070	1644	10	53
Wed 26 Jun 2024	12553	10855	1615	13	70
Thu 27 Jun 2024	12081	10524	1460	27	70
Fri 28 Jun 2024	12763	11050	1618	23	72
5 Day Ave.	12291	10667	1546	16	63
7 Day Ave.	10991	9656	1271	13	51

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	92.4%	7.4%	0.0%	0.2%
Sun 23 Jun 2024	100.0%	92.6%	6.9%	0.2%	0.3%
Mon 24 Jun 2024	100.0%	87.8%	11.8%	0.1%	0.4%
Tue 25 Jun 2024	100.0%	86.8%	12.7%	0.1%	0.4%
Wed 26 Jun 2024	100.0%	87.1%	12.2%	0.1%	0.6%
Thu 27 Jun 2024	100.0%	87.6%	11.6%	0.2%	0.6%
Fri 28 Jun 2024	100.0%	86.4%	12.9%	0.2%	0.5%
5 Day Ave.	100.0%	87.1%	12.3%	0.1%	0.5%
7 Day Ave.	100.0%	88.2%	11.3%	0.1%	0.4%

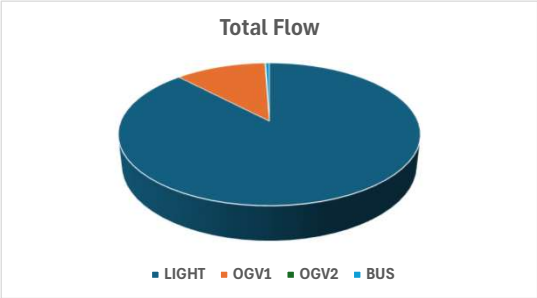
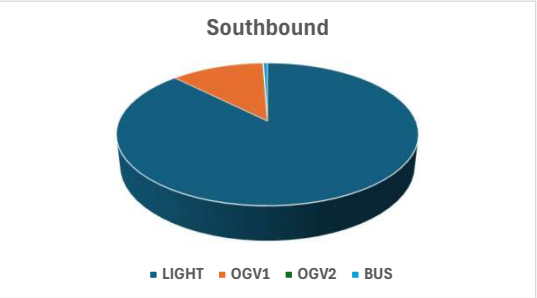
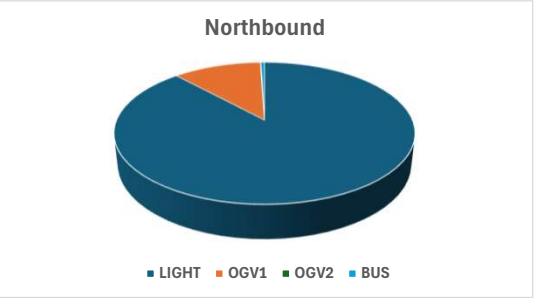
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	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	90.8%	8.9%	0.0%	0.2%
Sun 23 Jun 2024	100.0%	92.6%	6.9%	0.1%	0.4%
Mon 24 Jun 2024	100.0%	86.6%	12.9%	0.0%	0.5%
Tue 25 Jun 2024	100.0%	86.5%	13.0%	0.1%	0.5%
Wed 26 Jun 2024	100.0%	85.8%	13.6%	0.1%	0.5%
Thu 27 Jun 2024	100.0%	86.6%	12.6%	0.2%	0.6%
Fri 28 Jun 2024	100.0%	86.8%	12.4%	0.2%	0.6%
5 Day Ave.	100.0%	86.4%	12.9%	0.1%	0.5%
7 Day Ave.	100.0%	87.5%	11.9%	0.1%	0.5%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	91.6%	8.1%	0.0%	0.2%
Sun 23 Jun 2024	100.0%	92.6%	6.9%	0.1%	0.4%
Mon 24 Jun 2024	100.0%	87.2%	12.3%	0.1%	0.4%
Tue 25 Jun 2024	100.0%	86.6%	12.9%	0.1%	0.4%
Wed 26 Jun 2024	100.0%	86.5%	12.9%	0.1%	0.6%
Thu 27 Jun 2024	100.0%	87.1%	12.1%	0.2%	0.6%
Fri 28 Jun 2024	100.0%	86.6%	12.7%	0.2%	0.6%
5 Day Ave.	100.0%	86.8%	12.6%	0.1%	0.5%
7 Day Ave.	100.0%	87.9%	11.6%	0.1%	0.5%

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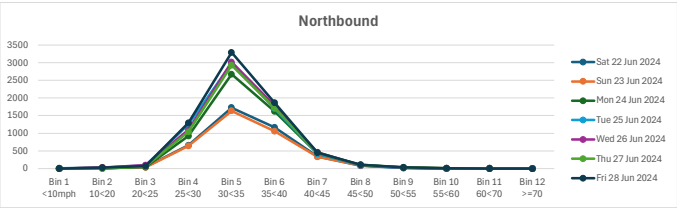


Harpenden ATC 1, A653 Lower Luton Road

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 22 Jun 2024	4063	39.7	34.3	5.2	0	8	43	657	1727	1170	343	83	19	7	5	1
Sun 23 Jun 2024	3879	40.1	34.3	5.6	0	34	34	640	1637	1065	331	94	29	11	4	0
Mon 24 Jun 2024	5839	39.2	34.1	4.9	1	6	41	928	2672	1628	424	103	27	5	4	0
Tue 25 Jun 2024	6605	38.8	33.6	5.0	8	23	87	1250	2983	1705	425	94	19	8	2	1
Wed 26 Jun 2024	6612	38.9	33.8	5.0	4	25	97	1097	3021	1782	465	89	26	4	2	0
Thu 27 Jun 2024	6350	39.1	34.0	4.9	2	5	58	1044	2927	1723	452	97	30	10	1	1
Fri 28 Jun 2024	7171	38.9	33.7	5.0	2	27	74	1297	3292	1873	453	109	30	10	4	0
5 Day Ave.	6515	39.0	33.8	4.9	3	17	71	1123	2979	1742	444	98	26	7	3	0
7 Day Ave.	5788	39.2	34.0	5.1	2	18	62	988	2608	1564	413	96	26	8	3	0

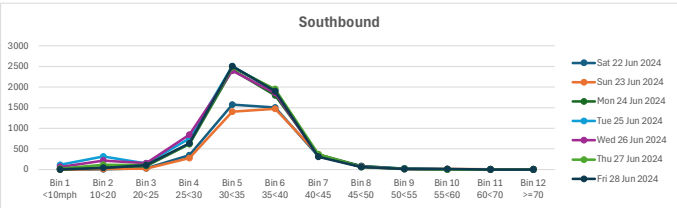
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 22 Jun 2024	3891	40.0	35.1	4.7	0	8	31	347	1574	1504	325	82	14	3	2	1
Sun 23 Jun 2024	3646	40.5	35.5	4.9	0	14	24	274	1404	1470	361	70	15	9	5	0
Mon 24 Jun 2024	5444	39.5	34.3	5.1	2	49	88	620	2417	1796	361	80	23	3	5	0
Tue 25 Jun 2024	6172	40.1	32.7	7.2	115	318	143	753	2507	1913	323	67	21	3	7	2
Wed 26 Jun 2024	5941	39.6	33.0	6.4	65	218	152	846	2398	1857	321	66	14	3	1	0
Thu 27 Jun 2024	5731	39.5	33.9	5.4	19	109	104	620	2483	1951	369	61	12	1	1	1
Fri 28 Jun 2024	5592	39.2	34.1	4.9	7	42	106	630	2508	1901	312	59	14	11	2	0
5 Day Ave.	5776	39.6	33.6	5.8	42	147	119	694	2463	1884	337	67	17	4	3	1
7 Day Ave.	5202	39.8	34.1	5.5	30	108	93	584	2184	1770	339	69	16	5	3	1

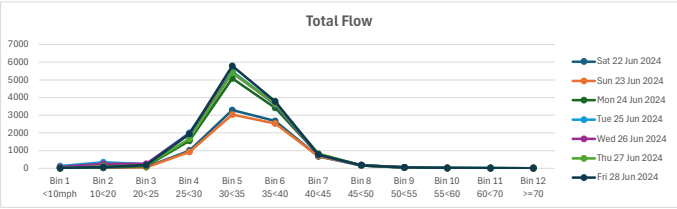
Paul Castle Associates



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 22 Jun 2024	7954	39.9	34.7	5.0	0	16	74	1004	3301	2674	668	165	33	10	7	2
Sun 23 Jun 2024	7525	40.3	34.9	5.3	0	48	58	914	3041	2535	692	164	44	20	9	0
Mon 24 Jun 2024	11283	39.3	34.2	5.0	3	55	129	1548	5089	3424	785	183	50	8	9	0
Tue 25 Jun 2024	12777	39.5	33.1	6.2	123	341	230	2003	5490	3618	748	161	40	11	9	3
Wed 26 Jun 2024	12553	39.3	33.4	5.7	69	243	249	1943	5419	3639	786	155	40	7	3	0
Thu 27 Jun 2024	12081	39.3	34.0	5.1	21	114	162	1664	5410	3674	821	158	42	11	2	2
Fri 28 Jun 2024	12763	39.0	33.9	5.0	9	69	180	1927	5800	3774	765	168	44	21	6	0
5 Day Ave.	12291	39.3	33.7	5.4	45	164	190	1817	5442	3626	781	165	43	12	6	1
7 Day Ave.	10991	39.5	34.0	5.3	32	127	155	1572	4793	3334	752	165	42	13	6	1

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Harpden ATC 2, B653 Lower Luton Road

Direction: Northbound

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	81	66	34	41	40	52	55	44	53
01:00	54	47	47	23	33	41	39	37	41
02:00	47	40	24	40	38	39	54	39	40
03:00	47	53	26	36	40	45	61	42	44
04:00	69	41	63	59	54	51	51	56	55
05:00	52	41	104	78	78	88	90	88	76
06:00	72	56	165	173	191	192	180	180	147
07:00	122	93	347	385	417	340	328	363	290
08:00	167	114	432	452	438	481	392	439	354
09:00	230	214	326	308	327	332	308	320	292
10:00	292	270	254	269	276	304	323	285	284
11:00	294	290	276	318	250	291	348	297	295
12:00	321	328	332	331	326	294	480	353	345
13:00	346	326	281	323	371	343	536	371	361
14:00	307	314	358	427	401	452	578	443	406
15:00	272	275	486	581	591	584	599	568	484
16:00	266	297	652	804	749	575	686	693	576
17:00	290	263	660	808	704	583	634	678	563
18:00	219	246	425	488	541	463	513	476	406
19:00	205	225	246	262	338	300	334	296	273
20:00	170	151	173	161	192	199	207	186	179
21:00	132	129	135	125	141	165	176	148	143
22:00	139	113	135	176	147	139	147	149	142
23:00	89	74	69	73	75	78	81	75	77
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	3126 3705 3933 4283	3030 3591 3778 4066	4829 5548 5752 6050	5444 6165 6414 6691	5391 6253 6475 6758	5042 5898 6115 6431	5725 6622 6850 7200	5286 6097 6321 6626	4655 5397 5175 5926
AM Peak	11:00 294	11:00 290	08:00 432	08:00 452	08:00 438	08:00 481	08:00 392	08:00 439	08:00 354
PM Peak	13:00 346	12:00 328	17:00 660	17:00 808	16:00 749	15:00 584	16:00 686	16:00 693	16:00 576

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Direction: Southbound

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	30	60	31	41	39	34	63	42	43
01:00	34	34	24	18	17	23	24	21	25
02:00	27	25	21	22	20	27	28	24	24
03:00	30	26	25	25	26	19	27	24	25
04:00	30	33	60	45	53	34	50	48	44
05:00	63	61	114	125	109	130	115	119	102
06:00	121	94	327	353	337	306	295	324	262
07:00	139	99	642	733	769	683	585	682	521
08:00	178	135	505	611	548	519	417	520	416
09:00	256	197	362	414	395	395	338	381	337
10:00	252	247	268	284	298	278	268	279	271
11:00	304	341	264	288	288	295	259	279	291
12:00	267	357	298	306	304	301	315	305	307
13:00	329	311	280	360	309	289	319	311	314
14:00	327	282	326	359	316	349	370	344	333
15:00	357	258	407	393	394	397	354	389	366
16:00	297	284	466	461	444	397	383	430	390
17:00	254	277	386	478	450	378	400	418	375
18:00	260	257	306	372	374	318	351	344	320
19:00	162	185	219	272	246	286	229	250	228
20:00	133	136	148	141	175	165	154	157	150
21:00	117	123	99	117	124	137	142	124	123
22:00	102	75	60	104	86	104	162	103	99
23:00	92	50	54	54	44	74	137	73	72
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	3220 3753 3947 4161	3045 3583 3708 3947	4510 5303 5417 5692	5059 5942 6100 6376	4889 5771 5901 6165	4599 5493 5671 5938	4359 5179 5478 5785	4683 5538 5713 5991	4240 5003 5175 5438
AM Peak	11:00 304	11:00 341	07:00 642	07:00 733	07:00 769	07:00 683	07:00 585	07:00 682	07:00 521
PM Peak	15:00 357	12:00 357	16:00 466	17:00 478	17:00 450	15:00 397	17:00 400	16:00 430	16:00 390

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Direction: Total Flow

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	111	126	65	82	79	86	118	86	95
01:00	88	81	71	41	50	64	63	58	65
02:00	74	65	45	62	58	66	82	63	65
03:00	77	79	51	61	66	64	88	66	69
04:00	99	74	123	104	107	85	101	104	99
05:00	115	102	218	203	187	218	205	206	178
06:00	193	150	492	526	528	498	475	504	409
07:00	261	192	989	1118	1186	1023	913	1046	812
08:00	345	249	937	1063	986	1000	809	959	770
09:00	486	411	688	722	722	727	646	701	629
10:00	544	517	522	553	574	582	591	564	555
11:00	598	631	540	606	538	586	607	575	587
12:00	588	685	630	637	630	595	795	657	651
13:00	675	637	561	683	680	632	855	682	675
14:00	634	596	684	786	717	801	948	787	738
15:00	629	533	893	974	985	981	953	957	850
16:00	563	581	1118	1265	1193	972	1069	1123	966
17:00	544	540	1046	1286	1154	961	1034	1096	938
18:00	479	503	731	810	915	781	864	820	726
19:00	367	410	465	534	584	586	563	546	501
20:00	303	287	321	302	367	364	361	343	329
21:00	249	252	234	242	265	302	318	272	266
22:00	241	188	195	280	233	243	309	252	241
23:00	181	124	123	127	119	152	218	148	149
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	6346 7458 7880 8444	6075 7174 7486 8013	9339 10851 11169 11742	10503 12107 12514 13067	10280 12024 12376 12923	9641 11391 11786 12369	10084 11801 12328 12985	9969 11635 12035 12617	8895 10401 10791 11363
AM Peak	11:00 598	11:00 631	07:00 989	07:00 1118	07:00 1186	07:00 1023	07:00 913	07:00 1046	07:00 812
PM Peak	13:00 675	12:00 685	16:00 1118	17:00 1286	16:00 1193	15:00 981	16:00 1069	16:00 1123	16:00 966

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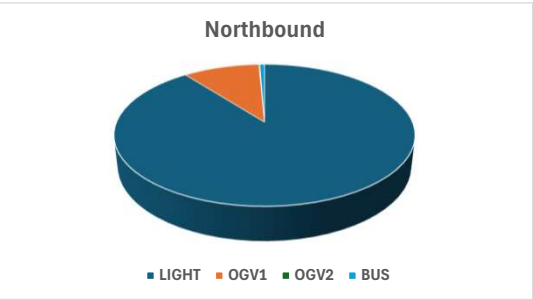


Harpenden ATC 2, B653 Lower Luton Road

Direction: Northbound					
	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	4283	3991	274	4	14
Sun 23 Jun 2024	4066	3838	217	4	7
Mon 24 Jun 2024	6050	5375	643	3	29
Tue 25 Jun 2024	6691	5917	727	5	42
Wed 26 Jun 2024	6758	5985	712	10	51
Thu 27 Jun 2024	6431	5708	662	13	48
Fri 28 Jun 2024	7200	6309	821	10	60
5 Day Ave.	6626	5859	713	8	46
7 Day Ave.	5926	5303	579	7	36

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	93.2%	6.4%	0.1%	0.3%
Sun 23 Jun 2024	100.0%	94.4%	5.3%	0.1%	0.2%
Mon 24 Jun 2024	100.0%	88.8%	10.6%	0.0%	0.5%
Tue 25 Jun 2024	100.0%	88.4%	10.9%	0.1%	0.6%
Wed 26 Jun 2024	100.0%	88.6%	10.5%	0.1%	0.8%
Thu 27 Jun 2024	100.0%	88.8%	10.3%	0.2%	0.7%
Fri 28 Jun 2024	100.0%	87.6%	11.4%	0.1%	0.8%
5 Day Ave.	100.0%	88.4%	10.8%	0.1%	0.7%
7 Day Ave.	100.0%	89.5%	9.8%	0.1%	0.6%

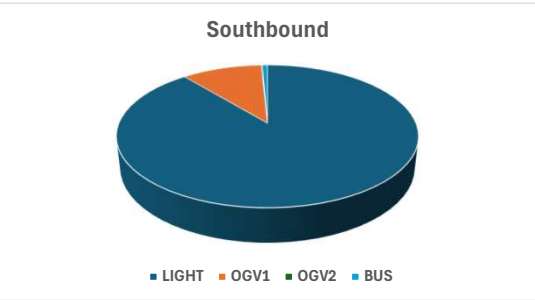
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Direction: Southbound					
	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	4161	3819	325	2	15
Sun 23 Jun 2024	3947	3702	225	6	14
Mon 24 Jun 2024	5692	4979	670	5	38
Tue 25 Jun 2024	6376	5609	715	6	46
Wed 26 Jun 2024	6165	5418	690	11	46
Thu 27 Jun 2024	5938	5204	671	13	50
Fri 28 Jun 2024	5785	5141	596	10	38
5 Day Ave.	5991	5270	668	9	44
7 Day Ave.	5438	4839	556	8	35

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	91.8%	7.8%	0.0%	0.4%
Sun 23 Jun 2024	100.0%	93.8%	5.7%	0.2%	0.4%
Mon 24 Jun 2024	100.0%	87.5%	11.8%	0.1%	0.7%
Tue 25 Jun 2024	100.0%	88.0%	11.2%	0.1%	0.7%
Wed 26 Jun 2024	100.0%	87.9%	11.2%	0.2%	0.7%
Thu 27 Jun 2024	100.0%	87.6%	11.3%	0.2%	0.8%
Fri 28 Jun 2024	100.0%	88.9%	10.3%	0.2%	0.7%
5 Day Ave.	100.0%	88.0%	11.2%	0.2%	0.7%
7 Day Ave.	100.0%	89.0%	10.2%	0.1%	0.6%

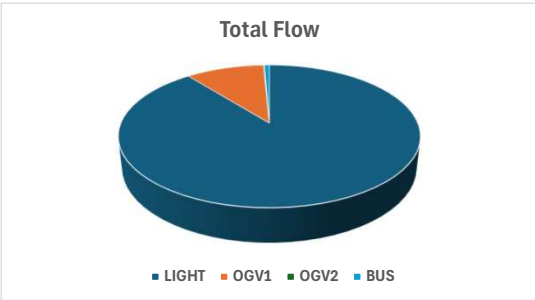
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Direction: Total Flow					
	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	8444	7810	599	6	29
Sun 23 Jun 2024	8013	7540	442	10	21
Mon 24 Jun 2024	11742	10354	1313	8	67
Tue 25 Jun 2024	13067	11526	1442	11	88
Wed 26 Jun 2024	12923	11403	1402	21	97
Thu 27 Jun 2024	12369	10912	1333	26	98
Fri 28 Jun 2024	12985	11450	1417	20	98
5 Day Ave.	12617	11129	1381	17	90
7 Day Ave.	11363	10142	1135	15	71

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	92.5%	7.1%	0.1%	0.3%
Sun 23 Jun 2024	100.0%	94.1%	5.5%	0.1%	0.3%
Mon 24 Jun 2024	100.0%	88.2%	11.2%	0.1%	0.6%
Tue 25 Jun 2024	100.0%	88.2%	11.0%	0.1%	0.7%
Wed 26 Jun 2024	100.0%	88.2%	10.8%	0.2%	0.8%
Thu 27 Jun 2024	100.0%	88.2%	10.8%	0.2%	0.8%
Fri 28 Jun 2024	100.0%	88.2%	10.9%	0.2%	0.8%
5 Day Ave.	100.0%	88.2%	10.9%	0.1%	0.7%
7 Day Ave.	100.0%	89.3%	10.0%	0.1%	0.6%

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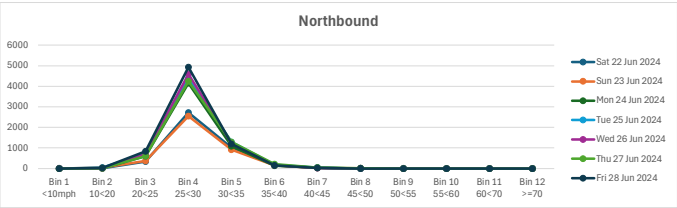


Harpenden ATC 2, B653 Lower Luton Road

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 22 Jun 2024	4283	32.6	28.8	3.6	0	15	333	2717	1011	169	31	3	3	1	0	0
Sun 23 Jun 2024	4066	32.7	28.6	3.9	1	39	366	2547	912	154	34	10	2	1	0	0
Mon 24 Jun 2024	6050	31.8	28.2	3.4	0	19	600	4159	1089	133	41	4	2	2	1	0
Tue 25 Jun 2024	6691	32.0	28.2	3.6	5	39	735	4389	1286	186	43	6	1	1	0	0
Wed 26 Jun 2024	6758	31.8	28.2	3.5	7	20	695	4586	1232	176	33	7	0	1	1	0
Thu 27 Jun 2024	6431	32.2	28.5	3.6	0	22	608	4240	1290	214	45	10	2	0	0	0
Fri 28 Jun 2024	7200	31.5	28.0	3.4	2	32	843	4932	1190	160	35	4	2	0	0	0
5 Day Ave.	6626	31.8	28.2	3.5	3	26	696	4461	1217	174	39	6	1	1	0	0
7 Day Ave.	5926	32.1	28.4	3.6	2	27	597	3939	1144	170	37	6	2	1	0	0

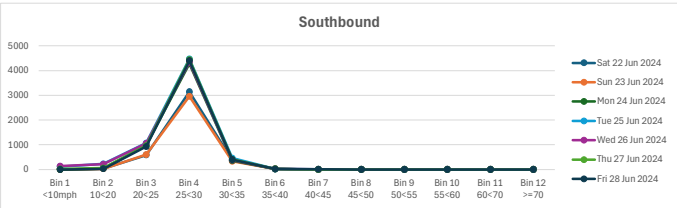
Paul Castle Associates



Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 22 Jun 2024	4161	30.1	27.2	2.8	0	40	587	3142	368	22	0	1	0	0	1	0
Sun 23 Jun 2024	3947	30.0	27.1	2.8	1	30	603	2962	327	23	1	0	0	0	0	0
Mon 24 Jun 2024	5692	29.7	26.9	2.7	1	38	987	4280	359	23	3	1	0	0	0	0
Tue 25 Jun 2024	6376	30.7	26.3	4.2	119	225	1070	4469	461	25	4	2	1	0	0	0
Wed 26 Jun 2024	6165	30.7	26.1	4.4	139	214	1055	4341	380	28	6	1	0	0	1	0
Thu 27 Jun 2024	5938	30.0	26.9	3.0	25	60	967	4446	409	31	0	0	0	0	0	0
Fri 28 Jun 2024	5785	29.8	27.0	2.7	2	28	924	4402	399	23	6	0	1	0	0	0
5 Day Ave.	5991	30.2	26.7	3.4	57	113	1001	4388	402	26	4	1	0	0	0	0
7 Day Ave.	5438	30.1	26.8	3.2	41	91	885	4006	386	25	3	1	0	0	0	0

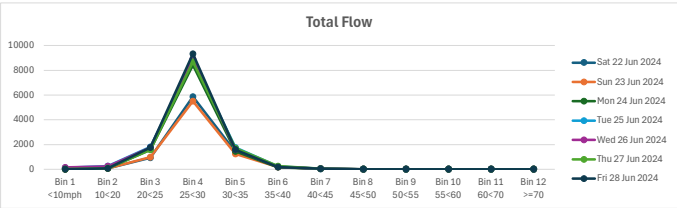
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 22 Jun 2024	8444	31.5	28.0	3.4	0	55	920	5859	1379	191	31	4	3	1	1	0
Sun 23 Jun 2024	8013	31.5	27.9	3.5	2	69	969	5509	1239	177	35	10	2	1	0	0
Mon 24 Jun 2024	11742	30.9	27.6	3.2	1	57	1587	8439	1448	156	44	5	2	2	1	0
Tue 25 Jun 2024	13067	31.5	27.3	4.0	124	264	1805	8858	1747	211	47	8	2	1	0	0
Wed 26 Jun 2024	12923	31.4	27.2	4.0	146	234	1750	8927	1612	204	39	8	0	1	2	0
Thu 27 Jun 2024	12369	31.2	27.7	3.4	25	82	1575	8686	1699	245	45	10	2	0	0	0
Fri 28 Jun 2024	12985	30.8	27.6	3.1	4	60	1767	9334	1589	183	41	4	3	0	0	0
5 Day Ave.	12617	31.2	27.5	3.6	60	139	1697	8849	1619	200	43	7	2	1	1	0
7 Day Ave.	11363	31.2	27.6	3.5	43	117	1482	7945	1530	195	40	7	2	1	1	0

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Harpden ATC 3, B653 Lower Luton Road



Direction: Eastbound

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	39	75	36	41	39	43	62	44	48
01:00	43	39	29	19	21	27	25	24	29
02:00	28	24	22	23	18	28	36	25	26
03:00	33	29	24	23	28	21	29	25	27
04:00	35	33	53	45	54	39	57	50	45
05:00	71	80	134	139	126	146	130	135	118
06:00	124	106	316	352	326	315	311	324	264
07:00	175	119	711	798	861	723	562	731	564
08:00	216	166	732	810	778	708	458	697	553
09:00	283	272	396	462	483	463	399	441	394
10:00	339	329	317	364	374	344	342	348	344
11:00	404	374	351	320	352	354	347	345	357
12:00	383	395	338	373	361	353	347	354	364
13:00	381	353	355	391	379	351	362	368	367
14:00	367	350	397	365	397	395	436	398	387
15:00	405	309	482	548	465	467	419	476	442
16:00	365	291	640	621	516	495	463	547	484
17:00	297	297	531	636	634	489	515	561	486
18:00	280	266	309	436	501	443	357	427	383
19:00	215	189	270	308	361	322	281	308	278
20:00	150	155	215	165	209	194	193	195	183
21:00	131	118	123	172	170	224	153	168	156
22:00	110	75	80	141	105	128	164	124	115
23:00	93	48	59	69	82	91	165	93	87
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	3895 4515 4718 4967	3521 4089 4212 4492	5649 6573 6712 7010	6124 7121 7331 7621	6101 7167 7354 7640	5585 6640 6859 7163	5007 5945 6274 6613	5693 6007 6906 7209	5126 6007 6209 6501
AM Peak	11:00 404	11:00 374	08:00 732	08:00 810	07:00 861	07:00 723	07:00 562	07:00 731	07:00 564
PM Peak	15:00 405	12:00 395	16:00 640	17:00 636	17:00 634	16:00 495	17:00 515	17:00 561	17:00 486

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Direction: Westbound

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	85	66	40	46	39	53	55	47	55
01:00	57	59	43	25	33	35	41	35	42
02:00	47	41	25	32	37	36	50	36	38
03:00	49	50	29	40	40	51	58	44	45
04:00	64	38	68	54	48	41	54	53	52
05:00	51	42	83	89	83	100	85	88	76
06:00	86	65	196	190	257	229	204	215	175
07:00	130	85	556	573	624	504	425	536	414
08:00	195	145	587	635	577	673	525	599	477
09:00	263	210	420	395	437	453	405	422	369
10:00	342	266	301	292	338	356	332	324	318
11:00	345	317	327	366	316	368	409	357	350
12:00	402	358	364	335	373	367	476	383	382
13:00	349	347	324	372	387	395	539	403	388
14:00	332	334	389	453	473	502	547	473	433
15:00	321	312	539	585	547	480	539	538	475
16:00	296	349	672	853	855	598	642	724	609
17:00	337	316	719	832	782	633	599	713	603
18:00	254	253	443	458	609	521	491	504	433
19:00	226	259	275	324	358	308	330	319	297
20:00	203	181	194	173	217	221	233	208	203
21:00	142	117	164	118	154	182	178	159	151
22:00	138	109	137	188	166	145	164	160	150
23:00	99	86	69	73	80	95	99	83	86
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	3566 4223 4460 4813	3292 3914 4109 4405	5641 6470 6676 6964	6149 6954 7215 7501	6318 7304 7550 7830	5850 6790 7030 7346	5929 6874 7137 7480	5977 6076 6311 7424	5249 6076 6311 6620
AM Peak	11:00 345	11:00 317	08:00 587	08:00 635	07:00 624	08:00 673	08:00 525	08:00 599	08:00 477
PM Peak	12:00 402	12:00 358	17:00 719	16:00 853	16:00 855	17:00 633	16:00 642	16:00 724	16:00 605

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Direction: Total Flow

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	124	141	76	87	78	96	117	91	103
01:00	100	98	72	44	54	62	66	60	71
02:00	75	65	47	55	55	64	86	61	64
03:00	82	79	53	63	68	72	87	69	72
04:00	99	71	121	99	102	80	111	103	98
05:00	122	122	217	228	209	246	215	223	194
06:00	210	171	512	542	583	544	515	539	440
07:00	305	204	1267	1371	1485	1227	987	1267	978
08:00	411	311	1319	1445	1355	1381	983	1297	1029
09:00	546	482	816	857	920	916	804	863	763
10:00	681	595	618	656	712	700	674	672	662
11:00	749	691	678	686	668	722	756	702	707
12:00	785	753	702	708	734	720	823	737	746
13:00	730	700	679	763	766	746	901	771	755
14:00	699	684	786	818	870	897	983	871	820
15:00	726	621	1021	1133	1012	947	958	1014	917
16:00	661	640	1312	1474	1371	1093	1105	1271	1094
17:00	634	613	1250	1468	1416	1122	1114	1274	1088
18:00	534	519	842	894	1110	964	848	932	816
19:00	441	448	545	632	719	630	611	627	575
20:00	353	336	409	338	426	415	426	403	386
21:00	273	235	287	290	324	406	331	328	307
22:00	248	184	217	329	271	273	328	284	264
23:00	192	134	128	142	162	186	264	176	173
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	7461 8738 9178 9780	6813 8003 8321 8897	11290 13043 13388 13974	12273 14075 14546 15122	12419 14471 14904 15470	11435 13430 13889 14509	10936 12819 13411 14093	11671 13568 14028 14634	10375 12083 12520 13121
AM Peak	11:00 749	11:00 691	08:00 1319	08:00 1445	07:00 1485	08:00 1381	07:00 987	08:00 1297	08:00 1029
PM Peak	12:00 785	12:00 753	16:00 1312	16:00 1474	17:00 1416	17:00 1122	17:00 1114	17:00 1274	16:00 1094

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Harpenden ATC 3, B653 Lower Luton Road

Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	4967	4461	470	5	31
Sun 23 Jun 2024	4492	4132	338	7	15
Mon 24 Jun 2024	7010	6033	898	4	75
Tue 25 Jun 2024	7621	6566	986	6	63
Wed 26 Jun 2024	7640	6604	961	7	68
Thu 27 Jun 2024	7163	6151	928	14	70
Fri 28 Jun 2024	6613	5727	820	9	57
5 Day Ave.	7209	6216	919	8	67
7 Day Ave.	6501	5668	772	7	54

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	4813	4532	256	2	23
Sun 23 Jun 2024	4405	4218	173	6	8
Mon 24 Jun 2024	6964	6265	639	8	52
Tue 25 Jun 2024	7501	6757	682	10	52
Wed 26 Jun 2024	7830	7105	664	13	48
Thu 27 Jun 2024	7346	6599	669	17	61
Fri 28 Jun 2024	7480	6622	779	14	65
5 Day Ave.	7424	6670	687	12	56
7 Day Ave.	6620	6014	552	10	44

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	9780	8993	726	7	54
Sun 23 Jun 2024	8897	8350	511	13	23
Mon 24 Jun 2024	13974	12298	1537	12	127
Tue 25 Jun 2024	15122	13323	1668	16	115
Wed 26 Jun 2024	15470	13709	1625	20	116
Thu 27 Jun 2024	14509	12750	1597	31	131
Fri 28 Jun 2024	14093	12349	1599	23	122
5 Day Ave.	14634	12886	1605	20	122
7 Day Ave.	13121	11682	1323	17	98

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	89.8%	9.5%	0.1%	0.6%
Sun 23 Jun 2024	100.0%	92.0%	7.5%	0.2%	0.3%
Mon 24 Jun 2024	100.0%	86.1%	12.8%	0.1%	1.1%
Tue 25 Jun 2024	100.0%	86.2%	12.9%	0.1%	0.8%
Wed 26 Jun 2024	100.0%	86.4%	12.6%	0.1%	0.9%
Thu 27 Jun 2024	100.0%	85.9%	13.0%	0.2%	1.0%
Fri 28 Jun 2024	100.0%	86.6%	12.4%	0.1%	0.9%
5 Day Ave.	100.0%	86.2%	12.7%	0.1%	0.9%
7 Day Ave.	100.0%	87.2%	11.9%	0.1%	0.8%

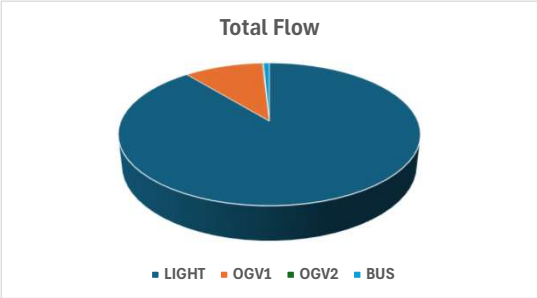
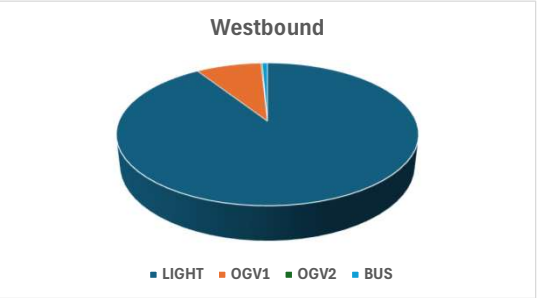
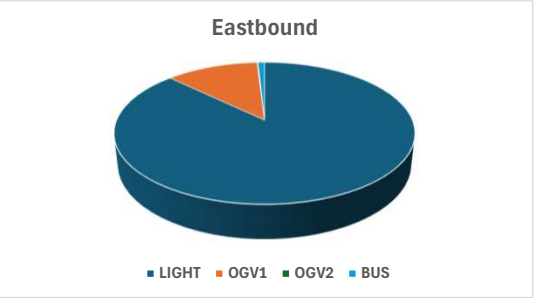
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	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	94.2%	5.3%	0.0%	0.5%
Sun 23 Jun 2024	100.0%	95.8%	3.9%	0.1%	0.2%
Mon 24 Jun 2024	100.0%	90.0%	9.2%	0.1%	0.7%
Tue 25 Jun 2024	100.0%	90.1%	9.1%	0.1%	0.7%
Wed 26 Jun 2024	100.0%	90.7%	8.5%	0.2%	0.6%
Thu 27 Jun 2024	100.0%	89.8%	9.1%	0.2%	0.8%
Fri 28 Jun 2024	100.0%	88.5%	10.4%	0.2%	0.9%
5 Day Ave.	100.0%	89.8%	9.2%	0.2%	0.7%
7 Day Ave.	100.0%	90.8%	8.3%	0.2%	0.7%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	92.0%	7.4%	0.1%	0.6%
Sun 23 Jun 2024	100.0%	93.9%	5.7%	0.1%	0.3%
Mon 24 Jun 2024	100.0%	88.0%	11.0%	0.1%	0.9%
Tue 25 Jun 2024	100.0%	88.1%	11.0%	0.1%	0.8%
Wed 26 Jun 2024	100.0%	88.6%	10.5%	0.1%	0.7%
Thu 27 Jun 2024	100.0%	87.9%	11.0%	0.2%	0.9%
Fri 28 Jun 2024	100.0%	87.6%	11.3%	0.2%	0.9%
5 Day Ave.	100.0%	88.1%	11.0%	0.1%	0.8%
7 Day Ave.	100.0%	89.0%	10.1%	0.1%	0.7%

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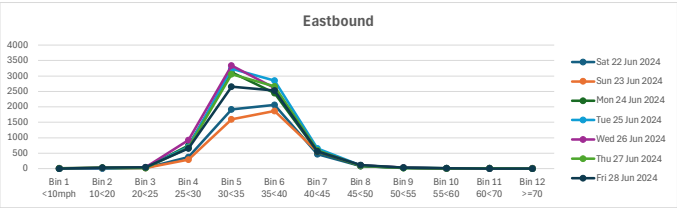


Harpenden ATC 3, B653 Lower Luton Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 22 Jun 2024	4967	40.3	35.5	4.7	0	9	19	372	1920	2064	466	82	22	6	5	2
Sun 23 Jun 2024	4492	41.4	36.0	5.2	0	17	15	293	1602	1862	550	99	32	7	9	6
Mon 24 Jun 2024	7010	39.3	34.7	4.5	0	6	28	749	3124	2443	551	78	18	10	3	0
Tue 25 Jun 2024	7621	39.7	35.0	4.5	1	8	37	698	3230	2856	649	100	29	11	2	0
Wed 26 Jun 2024	7640	39.4	34.5	4.7	12	21	40	922	3342	2609	566	96	24	5	2	1
Thu 27 Jun 2024	7163	39.8	34.9	4.7	7	26	23	670	3055	2663	594	89	23	5	8	0
Fri 28 Jun 2024	6613	40.0	35.0	4.8	0	24	39	656	2653	2527	559	116	26	10	3	0
5 Day Ave.	7209	39.6	34.8	4.6	4	17	33	739	3081	2620	584	96	24	8	4	0
7 Day Ave.	6501	40.0	35.1	4.7	3	16	29	623	2704	2432	562	94	25	8	5	1

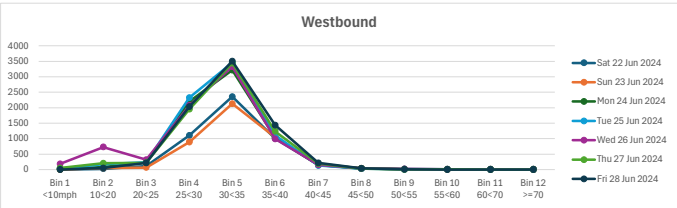
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Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 22 Jun 2024	4813	37.3	32.5	4.6	1	24	116	1106	2358	1006	157	29	13	3	0	0
Sun 23 Jun 2024	4405	38.0	33.0	4.9	2	44	63	892	2127	1047	172	42	11	1	4	0
Mon 24 Jun 2024	6964	36.3	31.5	4.7	4	77	227	2205	3220	1035	145	36	10	4	1	0
Tue 25 Jun 2024	7501	36.4	31.2	5.1	30	176	233	2327	3453	1103	134	29	8	7	1	0
Wed 26 Jun 2024	7830	37.0	29.5	7.2	184	728	317	2069	3328	995	154	39	13	3	0	0
Thu 27 Jun 2024	7346	37.1	31.4	5.4	46	204	217	1954	3448	1234	198	32	10	3	0	0
Fri 28 Jun 2024	7480	36.8	32.1	4.5	0	44	208	2035	3503	1434	211	34	9	2	0	0
5 Day Ave.	7424	36.7	31.1	5.4	53	246	240	2118	3390	1160	168	34	10	4	0	0
7 Day Ave.	6620	37.0	31.6	5.2	38	185	197	1798	3062	1122	167	34	11	3	1	0

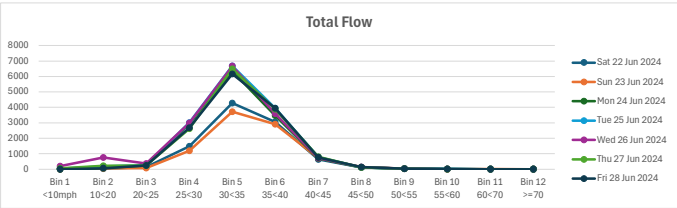
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 22 Jun 2024	9780	39.1	34.0	4.9	1	33	135	1478	4278	3070	623	111	35	9	5	2
Sun 23 Jun 2024	8897	39.9	34.5	5.2	2	61	78	1185	3729	2909	722	141	43	8	13	6
Mon 24 Jun 2024	13974	38.1	33.1	4.9	4	83	255	2954	6344	3478	696	114	28	14	4	0
Tue 25 Jun 2024	15122	38.5	33.1	5.2	31	184	270	3025	6683	3959	783	129	37	18	3	0
Wed 26 Jun 2024	15470	38.8	32.0	6.6	196	749	357	2991	6670	3604	720	135	37	8	2	1
Thu 27 Jun 2024	14509	38.7	33.2	5.4	53	230	240	2624	6503	3897	792	121	33	8	8	0
Fri 28 Jun 2024	14093	38.5	33.5	4.9	0	68	247	2691	6156	3961	770	150	35	12	3	0
5 Day Ave.	14634	38.5	33.0	5.4	57	263	274	2857	6471	3780	752	130	34	12	4	0
7 Day Ave.	13121	38.8	33.3	5.3	41	201	226	2421	5766	3554	729	129	35	11	5	1

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Harpenden ATC 4, B652 Station Road

Direction: Northbound

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	45	70	14	13	27	40	29	25	34
01:00	28	32	10	8	8	15	18	12	17
02:00	14	15	5	7	3	1	9	5	8
03:00	7	11	4	5	10	5	12	7	8
04:00	9	3	69	9	13	11	6	22	17
05:00	15	17	30	27	21	13	20	22	20
06:00	25	16	81	66	105	62	72	77	61
07:00	81	47	220	235	233	205	185	216	172
08:00	125	106	311	323	308	351	280	315	258
09:00	214	191	222	244	259	227	273	245	233
10:00	260	212	208	175	178	223	264	210	217
11:00	266	181	278	222	244	256	269	254	245
12:00	286	264	275	223	257	244	260	252	258
13:00	298	240	253	229	256	263	283	257	260
14:00	243	244	247	239	266	275	293	264	258
15:00	246	257	340	363	339	369	338	350	322
16:00	237	209	329	341	359	329	350	342	308
17:00	265	213	338	332	361	341	341	343	313
18:00	203	168	310	302	372	322	319	325	285
19:00	210	172	214	294	338	242	253	268	246
20:00	143	150	165	148	174	162	204	171	164
21:00	92	81	120	132	125	130	135	128	116
22:00	101	55	71	134	81	83	105	95	90
23:00	88	19	32	63	71	72	78	63	60
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	2724 3194 3383 3501	2332 2751 2825 2973	3331 3911 4014 4146	3228 3868 4065 4134	3432 4174 4326 4408	3405 4001 4156 4241	3455 4119 4302 4396	3370 4015 4173 4265	3130 3717 3867 3971
AM Peak	11:00 266	10:00 212	08:00 311	08:00 323	08:00 308	08:00 351	08:00 280	08:00 315	08:00 258
PM Peak	13:00 298	12:00 264	15:00 340	15:00 363	18:00 372	15:00 369	16:00 350	15:00 350	15:00 322

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Direction: Southbound

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	38	51	8	9	19	32	17	17	25
01:00	14	27	5	5	7	10	8	7	11
02:00	11	12	5	0	5	2	4	3	6
03:00	5	5	6	6	6	2	7	5	5
04:00	9	2	29	7	15	7	5	13	11
05:00	17	13	72	40	33	26	34	41	34
06:00	36	16	117	100	113	109	95	107	84
07:00	88	59	364	378	378	357	281	350	275
08:00	188	94	362	402	400	465	400	406	330
09:00	252	219	299	292	277	311	325	301	282
10:00	301	216	243	227	224	261	248	241	246
11:00	324	271	271	240	263	267	259	260	271
12:00	291	251	248	267	273	316	266	274	273
13:00	262	233	230	252	221	297	241	248	248
14:00	266	227	247	290	258	292	323	282	272
15:00	255	191	320	315	339	311	331	323	295
16:00	238	224	290	260	287	317	284	288	271
17:00	213	180	288	324	361	329	320	324	288
18:00	173	166	268	275	322	284	287	287	254
19:00	170	129	173	249	281	222	200	225	203
20:00	143	96	166	127	157	132	189	154	144
21:00	59	73	79	89	87	142	107	101	91
22:00	76	49	43	109	78	68	77	75	71
23:00	75	30	25	50	57	48	70	50	51
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	2851 3259 3410 3504	2331 2645 2724 2834	3430 3965 4033 4158	3512 4077 4236 4303	3603 4241 4376 4461	3807 4412 4528 4607	3565 4156 4303 4378	3583 4170 4295 4381	3300 3822 3944 4035
AM Peak	11:00 324	11:00 271	07:00 364	08:00 402	08:00 400	08:00 465	08:00 400	08:00 406	08:00 330
PM Peak	12:00 291	12:00 251	15:00 320	17:00 324	17:00 361	17:00 329	15:00 331	17:00 324	15:00 295

Paul Castle Associates

Direction: Total Flow

Hour Beginning	Sat 22/06/2024	Sun 23/06/2024	Mon 24/06/2024	Tue 25/06/2024	Wed 26/06/2024	Thu 27/06/2024	Fri 28/06/2024	5-Day Ave.	7-Day Ave.
00:00	83	121	22	22	46	72	46	42	59
01:00	42	59	15	13	15	25	26	19	28
02:00	25	27	10	7	8	3	13	8	13
03:00	12	16	10	11	16	7	19	13	13
04:00	18	5	98	16	28	18	11	34	28
05:00	32	30	102	67	54	39	54	63	54
06:00	61	32	198	166	218	171	167	184	145
07:00	169	106	584	603	611	562	466	565	443
08:00	313	200	673	725	708	816	680	720	588
09:00	466	410	521	536	536	538	598	546	515
10:00	561	428	451	402	402	484	512	450	463
11:00	590	452	549	462	507	523	528	514	516
12:00	577	515	523	490	530	560	526	526	532
13:00	560	473	483	481	477	560	524	505	508
14:00	509	471	494	529	524	567	616	546	530
15:00	501	448	660	678	680	669	673	616	616
16:00	475	433	619	601	646	634	629	579	579
17:00	478	393	626	656	722	670	661	667	601
18:00	376	334	578	577	694	606	612	539	539
19:00	380	301	387	543	619	464	453	493	450
20:00	286	246	331	275	331	294	393	325	308
21:00	151	154	199	221	212	272	242	229	207
22:00	177	104	114	243	159	151	182	170	161
23:00	163	49	57	113	128	120	148	113	111
Total 12H(7-19) 16H(6-22) 18H(6-24) 24H(0-24)	5575 6453 6793 7005	4663 5396 5549 5807	6761 7876 8047 8304	6740 7945 8301 8437	7035 8415 8702 8869	7212 8413 8684 8848	7020 8275 8605 8774	6954 8185 8468 8646	6429 7539 7812 8006
AM Peak	11:00 590	11:00 452	08:00 673	08:00 725	08:00 708	08:00 816	08:00 680	08:00 720	08:00 588
PM Peak	12:00 577	12:00 515	15:00 660	15:00 678	17:00 722	15:00 680	15:00 669	15:00 673	15:00 616

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Harpenden ATC 4, B652 Station Road

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	3501	3260	228	3	10
Sun 23 Jun 2024	2973	2795	160	7	11
Mon 24 Jun 2024	4146	3764	352	5	25
Tue 25 Jun 2024	4134	3821	289	7	17
Wed 26 Jun 2024	4408	4042	345	6	15
Thu 27 Jun 2024	4241	3846	375	5	15
Fri 28 Jun 2024	4396	3951	416	11	18
5 Day Ave.	4265	3885	355	7	18
7 Day Ave.	3971	3640	309	6	16

Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	3504	3212	283	2	7
Sun 23 Jun 2024	2834	2617	208	3	6
Mon 24 Jun 2024	4158	3605	532	3	18
Tue 25 Jun 2024	4303	3675	595	2	31
Wed 26 Jun 2024	4461	3880	560	4	17
Thu 27 Jun 2024	4607	3973	598	11	25
Fri 28 Jun 2024	4378	3936	428	2	12
5 Day Ave.	4381	3814	543	4	21
7 Day Ave.	4035	3557	458	4	17

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	7005	6472	511	5	17
Sun 23 Jun 2024	5807	5412	368	10	17
Mon 24 Jun 2024	8304	7369	884	8	43
Tue 25 Jun 2024	8437	7496	884	9	48
Wed 26 Jun 2024	8869	7922	905	10	32
Thu 27 Jun 2024	8848	7819	973	16	40
Fri 28 Jun 2024	8774	7887	844	13	30
5 Day Ave.	8646	7699	898	11	39
7 Day Ave.	8006	7197	767	10	32

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	93.1%	6.5%	0.1%	0.3%
Sun 23 Jun 2024	100.0%	94.0%	5.4%	0.2%	0.4%
Mon 24 Jun 2024	100.0%	90.8%	8.5%	0.1%	0.6%
Tue 25 Jun 2024	100.0%	92.4%	7.0%	0.2%	0.4%
Wed 26 Jun 2024	100.0%	91.7%	7.8%	0.1%	0.3%
Thu 27 Jun 2024	100.0%	90.7%	8.8%	0.1%	0.4%
Fri 28 Jun 2024	100.0%	89.9%	9.5%	0.3%	0.4%
5 Day Ave.	100.0%	91.1%	8.3%	0.2%	0.4%
7 Day Ave.	100.0%	91.7%	7.8%	0.2%	0.4%

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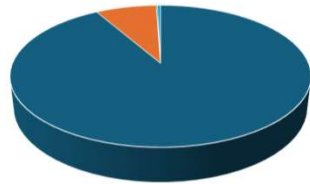
	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	91.7%	8.1%	0.1%	0.2%
Sun 23 Jun 2024	100.0%	92.3%	7.3%	0.1%	0.2%
Mon 24 Jun 2024	100.0%	86.7%	12.8%	0.1%	0.4%
Tue 25 Jun 2024	100.0%	85.4%	13.8%	0.0%	0.7%
Wed 26 Jun 2024	100.0%	87.0%	12.6%	0.1%	0.4%
Thu 27 Jun 2024	100.0%	86.2%	13.0%	0.2%	0.5%
Fri 28 Jun 2024	100.0%	89.9%	9.8%	0.0%	0.3%
5 Day Ave.	100.0%	87.0%	12.4%	0.1%	0.5%
7 Day Ave.	100.0%	88.2%	11.3%	0.1%	0.4%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 22 Jun 2024	100.0%	92.4%	7.3%	0.1%	0.2%
Sun 23 Jun 2024	100.0%	93.2%	6.3%	0.2%	0.3%
Mon 24 Jun 2024	100.0%	88.7%	10.6%	0.1%	0.5%
Tue 25 Jun 2024	100.0%	88.8%	10.5%	0.1%	0.6%
Wed 26 Jun 2024	100.0%	89.3%	10.2%	0.1%	0.4%
Thu 27 Jun 2024	100.0%	88.4%	11.0%	0.2%	0.5%
Fri 28 Jun 2024	100.0%	89.9%	9.6%	0.1%	0.3%
5 Day Ave.	100.0%	89.0%	10.4%	0.1%	0.4%
7 Day Ave.	100.0%	89.9%	9.6%	0.1%	0.4%

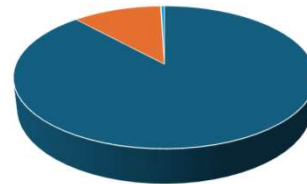
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Northbound



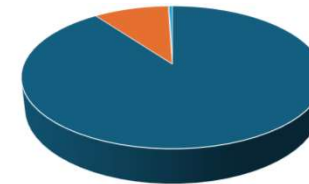
■ LIGHT ■ OGV1 ■ OGV2 ■ BUS

Southbound



■ LIGHT ■ OGV1 ■ OGV2 ■ BUS

Total Flow



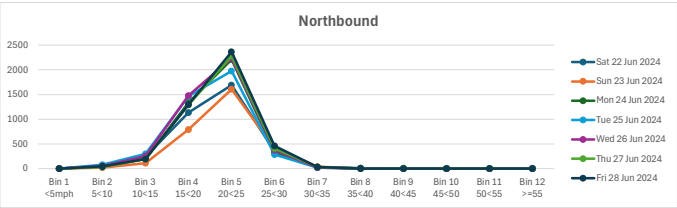
■ LIGHT ■ OGV1 ■ OGV2 ■ BUS

Harpenden ATC 4, B652 Station Road

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Sat 22 Jun 2024	3501	25.0	20.6	4.3	0	55	239	1135	1691	350	27	4	0	0	0	0
Sun 23 Jun 2024	2973	25.7	21.5	4.0	0	19	112	788	1604	409	37	2	2	0	0	0
Mon 24 Jun 2024	4146	24.8	20.8	3.9	0	42	193	1336	2207	336	27	4	1	0	0	0
Tue 25 Jun 2024	4134	24.5	20.2	4.2	0	77	299	1465	1979	288	18	4	1	3	0	0
Wed 26 Jun 2024	4408	24.7	20.6	4.0	0	49	249	1474	2237	377	19	2	0	0	0	1
Thu 27 Jun 2024	4241	25.0	21.0	3.9	0	32	192	1290	2283	410	32	1	1	0	0	0
Fri 28 Jun 2024	4396	25.1	21.0	3.9	0	42	196	1300	2365	458	34	1	0	0	0	0
5 Day Ave.	4265	24.8	20.7	4.0	0	48	226	1373	2214	374	26	2	1	1	0	0
7 Day Ave.	3971	25.0	20.8	4.0	0	45	211	1255	2052	375	28	3	1	0	0	0

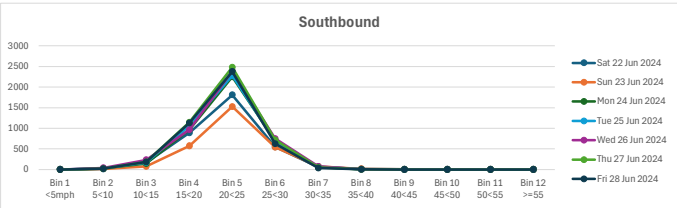
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Sat 22 Jun 2024	3504	26.4	21.8	4.5	0	15	166	887	1809	550	59	9	3	2	1	3
Sun 23 Jun 2024	2834	27.2	22.5	4.5	0	16	75	574	1525	541	75	16	5	5	0	2
Mon 24 Jun 2024	4158	26.2	21.9	4.2	0	28	146	965	2250	695	61	8	3	1	0	1
Tue 25 Jun 2024	4303	26.1	21.8	4.2	0	29	169	1062	2279	687	66	8	2	1	0	0
Wed 26 Jun 2024	4461	26.2	21.8	4.3	0	40	235	969	2389	747	75	6	0	0	0	0
Thu 27 Jun 2024	4607	25.9	21.7	4.0	0	21	181	1145	2484	717	54	4	0	0	0	1
Fri 28 Jun 2024	4378	25.6	21.6	3.9	0	19	180	1130	2376	629	36	7	1	0	0	0
5 Day Ave.	4381	26.0	21.7	4.1	0	27	182	1054	2356	695	58	7	1	0	0	0
7 Day Ave.	4035	26.2	21.9	4.2	0	24	165	962	2159	652	61	8	2	1	0	1

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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Sat 22 Jun 2024	7005	25.7	21.2	4.4	0	70	405	2022	3500	900	86	13	3	2	1	3
Sun 23 Jun 2024	5807	26.5	22.0	4.3	0	35	187	1362	3129	950	112	18	7	5	0	2
Mon 24 Jun 2024	8304	25.6	21.3	4.1	0	70	339	2301	4457	1031	88	12	4	1	0	1
Tue 25 Jun 2024	8437	25.4	21.0	4.3	0	106	468	2527	4258	975	84	12	3	4	0	0
Wed 26 Jun 2024	8869	25.5	21.2	4.2	0	89	484	2443	4626	1124	94	8	0	0	0	1
Thu 27 Jun 2024	8848	25.5	21.4	4.0	0	53	373	2435	4767	1127	86	5	1	0	0	1
Fri 28 Jun 2024	8774	25.4	21.3	3.9	0	61	376	2430	4741	1087	70	8	1	0	0	0
5 Day Ave.	8646	25.5	21.2	4.1	0	76	408	2427	4570	1069	84	9	2	1	0	1
7 Day Ave.	8006	25.6	21.3	4.2	0	69	376	2217	4211	1028	89	11	3	2	0	1

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