

C:\Users\andrewnack\Motion\StaffSite - Exwysa 2303076\Drawings\2303076 - 06 Passing Place Locations.dwg



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Rev:	Description:	Date:	Rev By:	Chk'd:															
<table><tr><td colspan="2">Artic</td><td></td></tr><tr><td>Tractor Width</td><td>: 2.55</td><td>Lock to Lock Time : 6.0</td></tr><tr><td>Trailer Width</td><td>: 2.55</td><td>Steering Angle : 42.7</td></tr><tr><td>Tractor Track</td><td>: 2.55</td><td>Articulating Angle : 70.0</td></tr><tr><td>Trailer Track</td><td>: 2.55</td><td></td></tr></table>					Artic			Tractor Width	: 2.55	Lock to Lock Time : 6.0	Trailer Width	: 2.55	Steering Angle : 42.7	Tractor Track	: 2.55	Articulating Angle : 70.0	Trailer Track	: 2.55	
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Quadrant House, Broad Street Mall, Reading RG1 7QE T: 0118 467 4498 Guildford - London - Reading www.motion.co.uk																			
Project: Old Wood Energy Park																			
Title: Passing Place Locations																			
Client: Exagen Development Limited																			
Drawing Status:																			
Scale: NTS (@ A3) Date:19/09/2023																			
Drawn: AN Checked: MF Approved: MF																			
Drawing: 2303076 - 06																			
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Rev: Description: Date: Rev By: Chk'd:

Artic

Tractor Width	: 2.55	Lock to Lock Time	: 6.0
Tractor Width	: 2.55	Steering Angle	: 42.7
Tractor Track	: 2.55	Articulating Angle	: 70.0
Trailer Track	: 2.55		



Quadrant House, Broad Street Mall, Reading
RG1 7QE

T: 0118 467 4498

Guildford - London - Reading
www.motion.co.uk

Project:
Old Wood Energy Park

Title:
Swept Path Analysis - 16.5m HGV
Bradmore Road, Passing Place

Client:
Exagen Development Limited

Drawing Status:

Scale: 1:250 (@ A3) Date:19/09/2023

Drawn: AN Checked: MF Approved: MF

Drawing: Revision:

2303076 - TK26

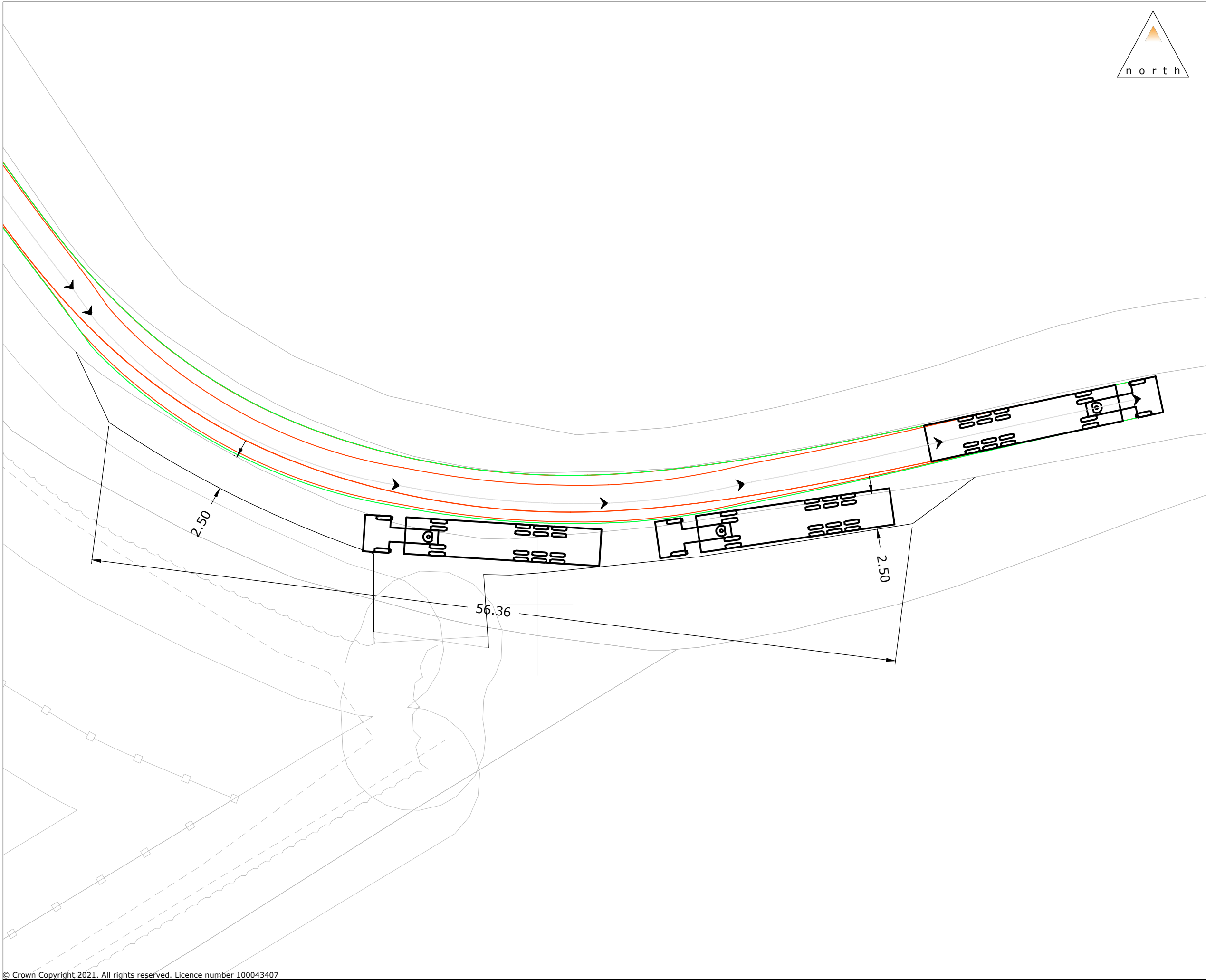
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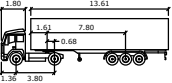
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Drawing: 2303076 - TK27 Revision:																				

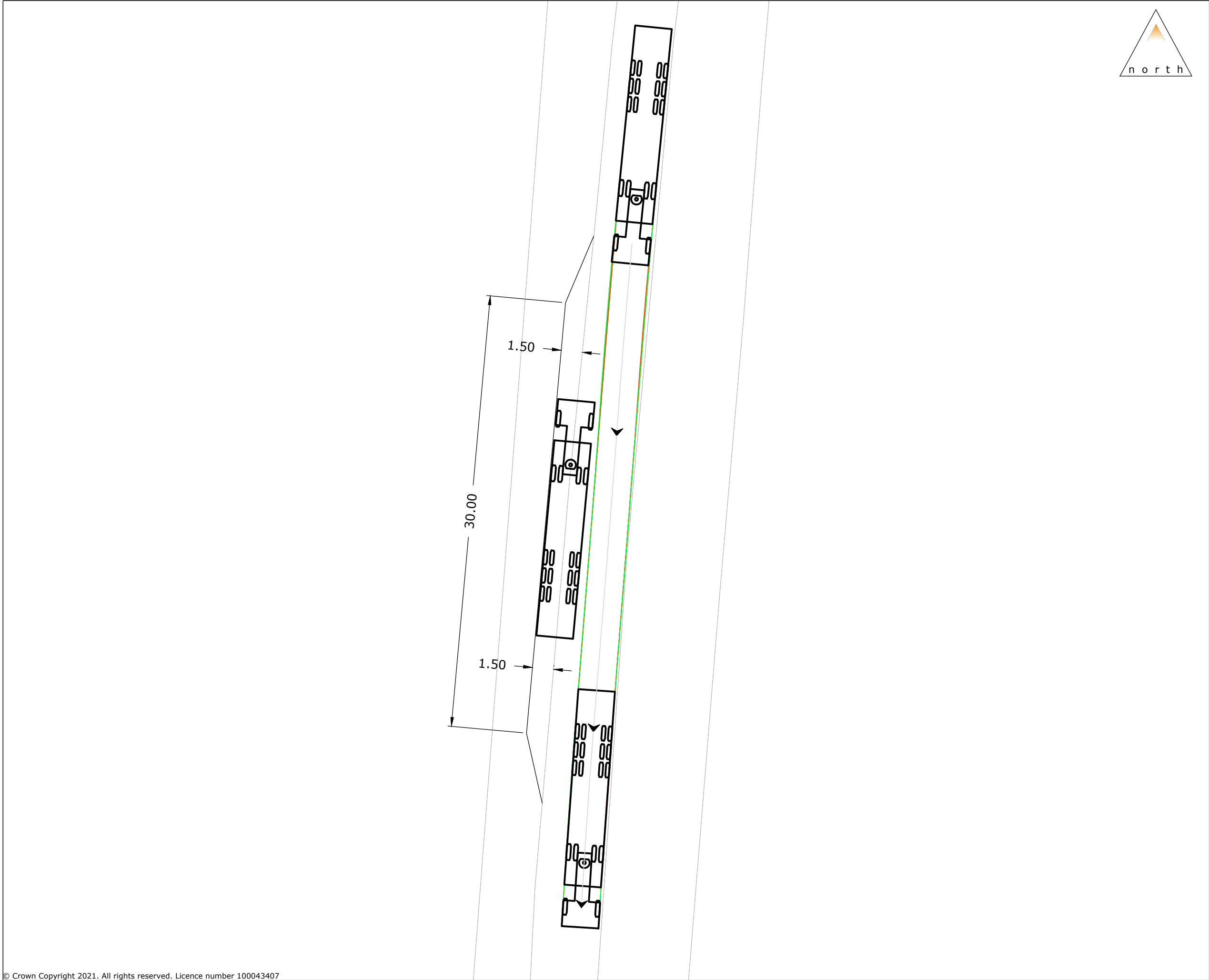
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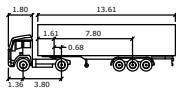


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Drawing: Revision:																								
2303076 - TK29																								

Appendix I

ATC Data – Northern Parcel

Wysall ATC 1, Bradmore Road N

Produced by Streetwise Services Ltd.

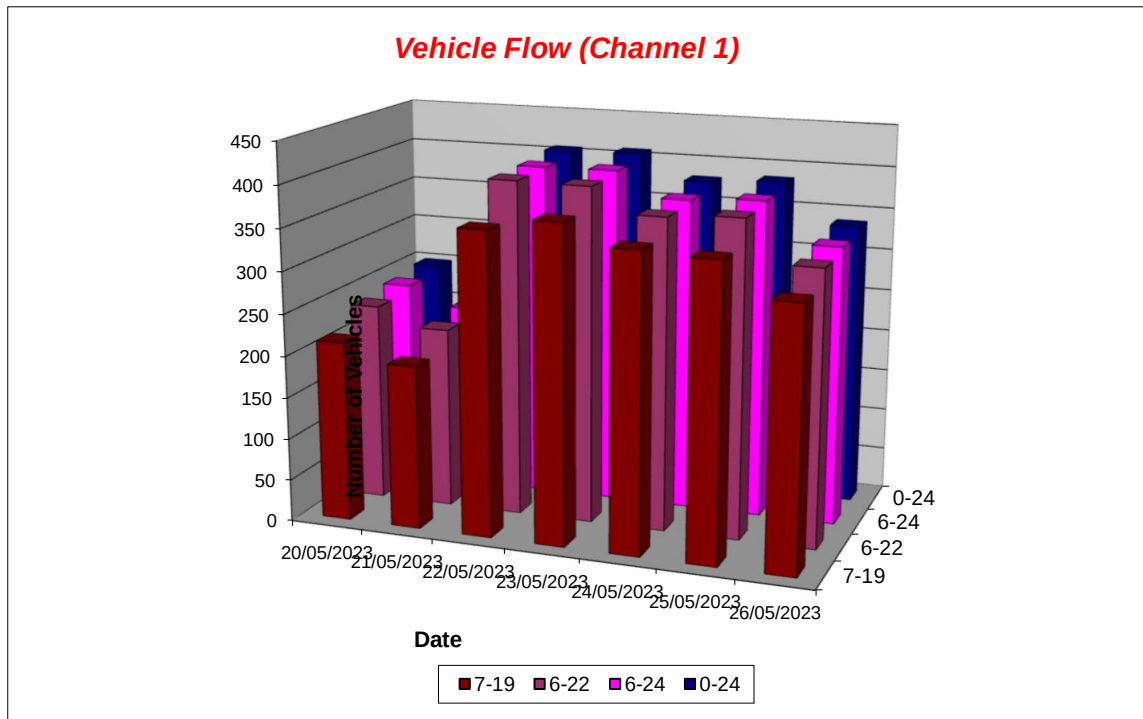


Channel 1 - Northbound

Vehicle Flow

Week 1

Hr Ending	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday	5 Day Ave	7 Day Ave
1	4	3	0	0	0	1	0	0	1
2	0	0	0	0	0	0	2	0	0
3	0	1	0	1	1	0	0	0	0
4	1	0	0	1	1	2	0	1	1
5	0	1	2	1	0	1	1	1	1
6	1	0	3	3	4	2	3	3	2
7	1	2	5	15	9	15	4	10	7
8	13	5	69	55	43	50	64	56	43
9	17	12	78	55	66	69	35	61	47
10	19	11	28	35	34	27	33	31	27
11	17	19	28	26	27	18	13	22	21
12	22	23	27	44	32	32	19	31	28
13	14	29	18	30	23	26	23	24	23
14	25	21	15	32	26	27	21	24	24
15	16	26	16	19	21	21	29	21	21
16	29	14	16	25	30	30	25	25	24
17	20	13	26	8	14	13	15	15	16
18	13	13	21	27	18	15	21	20	18
19	10	9	18	19	17	19	10	17	15
20	16	13	18	4	4	5	4	7	9
21	3	5	9	4	4	7	6	6	5
22	2	1	8	1	2	1	4	3	3
23	3	2	1	2	2	2	4	2	2
24	3	3	0	1	1	1	1	1	1
7-19	215	195	360	375	351	347	308	348	307
6-22	237	216	400	399	370	375	326	374	332
6-24	243	221	401	402	373	378	331	377	336
0-24	249	226	406	408	379	384	337	383	341



Wysall ATC 1, Bradmore Road N

Produced by Streetwise Services Ltd.



Channel 1 - Northbound

Average Speed

Week 1

Hr Ending	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday
1	36.8	32.2	-	-	-	33.0	-
2	-	-	-	-	-	-	33.0
3	-	43.0	-	38.0	38.0	-	-
4	43.0	-	-	48.0	48.0	48.0	-
5	-	38.0	45.5	33.0	-	33.0	43.0
6	48.0	-	41.3	44.7	44.2	43.0	39.7
7	25.5	40.5	39.0	43.7	43.6	43.3	33.6
8	42.2	42.0	43.4	39.7	39.0	38.8	42.0
9	38.7	38.6	42.4	38.0	38.1	38.6	41.7
10	40.9	40.7	38.8	36.4	36.3	38.6	39.7
11	39.9	35.8	37.2	35.7	35.5	35.4	35.9
12	36.4	38.2	41.1	34.5	35.7	37.3	36.8
13	36.8	36.8	42.6	36.0	35.9	33.6	41.6
14	40.4	40.3	36.0	36.1	36.4	36.6	36.7
15	36.4	37.4	36.4	37.3	37.0	32.8	39.9
16	36.1	38.5	40.5	34.1	35.0	36.3	37.7
17	43.5	32.2	42.7	35.8	38.7	35.7	34.5
18	42.2	39.7	48.7	37.9	39.2	38.5	37.2
19	39.8	39.9	53.6	40.0	39.6	38.5	37.2
20	37.4	35.5	55.4	36.8	36.8	37.0	38.0
21	36.3	40.5	58.0	43.0	43.0	38.7	33.4
22	35.5	25.5	50.8	33.0	33.0	33.0	43.0
23	30.5	43.0	85.5	40.5	40.5	40.5	33.0
24	32.2	41.3	-	38.0	38.0	38.0	25.5

10-12	37.9	37.1	39.1	35.0	35.6	36.6	36.4
14-16	36.2	37.8	38.5	35.5	35.8	34.9	38.9
0-24	38.8	37.9	43.3	37.4	37.5	37.5	39.1

7 Day Ave	38.8
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85th Percentile

Hr Ending	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday
1	43.7	38.5	-	-	-	33.2	-
2	-	-	-	-	-	-	33.3
3	-	43.3	-	38.9	38.1	-	-
4	43.5	-	-	48.3	48.2	48.1	-
5	-	38.6	53.3	33.8	-	33.1	43.1
6	48.6	-	43.0	48.4	49.0	43.3	43.6
7	25.8	43.6	43.3	43.8	43.7	43.4	38.2
8	53.3	58.3	48.4	48.9	48.4	43.0	48.9
9	48.8	48.3	48.3	48.6	48.4	48.5	53.1
10	48.0	43.8	48.9	43.6	43.5	43.7	48.4
11	48.8	43.8	44.0	43.4	43.2	38.5	48.3
12	43.8	48.6	48.4	48.1	43.5	43.8	43.9
13	43.7	44.0	53.3	43.6	43.3	43.1	48.8
14	43.0	43.9	48.2	43.7	43.6	43.2	43.3
15	38.4	43.2	43.2	43.9	43.5	43.7	48.7
16	43.9	43.7	48.6	38.8	43.2	43.5	48.3
17	48.8	39.0	48.4	43.0	53.9	43.4	43.1
18	48.4	53.2	63.4	43.5	43.7	43.1	48.0
19	49.0	48.5	68.7	43.9	43.5	43.7	43.3
20	48.9	53.1	85.8	38.4	38.4	38.9	43.8
21	38.1	49.0	86.1	53.7	53.1	48.5	53.3
22	38.9	26.2	58.2	33.5	33.8	33.1	53.2
23	33.4	48.0	85.7	43.5	43.5	43.8	33.5
24	38.5	48.6	-	38.5	38.8	38.4	25.8

10-12	43.8	43.1	48.6	43.4	43.6	43.5	43.3
14-16	43.1	43.1	48.1	43.4	43.8	43.5	48.0
0-24	48.6	43.8	53.5	43.3	48.0	43.2	48.5

7 Day Ave	47.0
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Wysall ATC 1, Bradmore Road N

Produced by Streetwise Services Ltd.



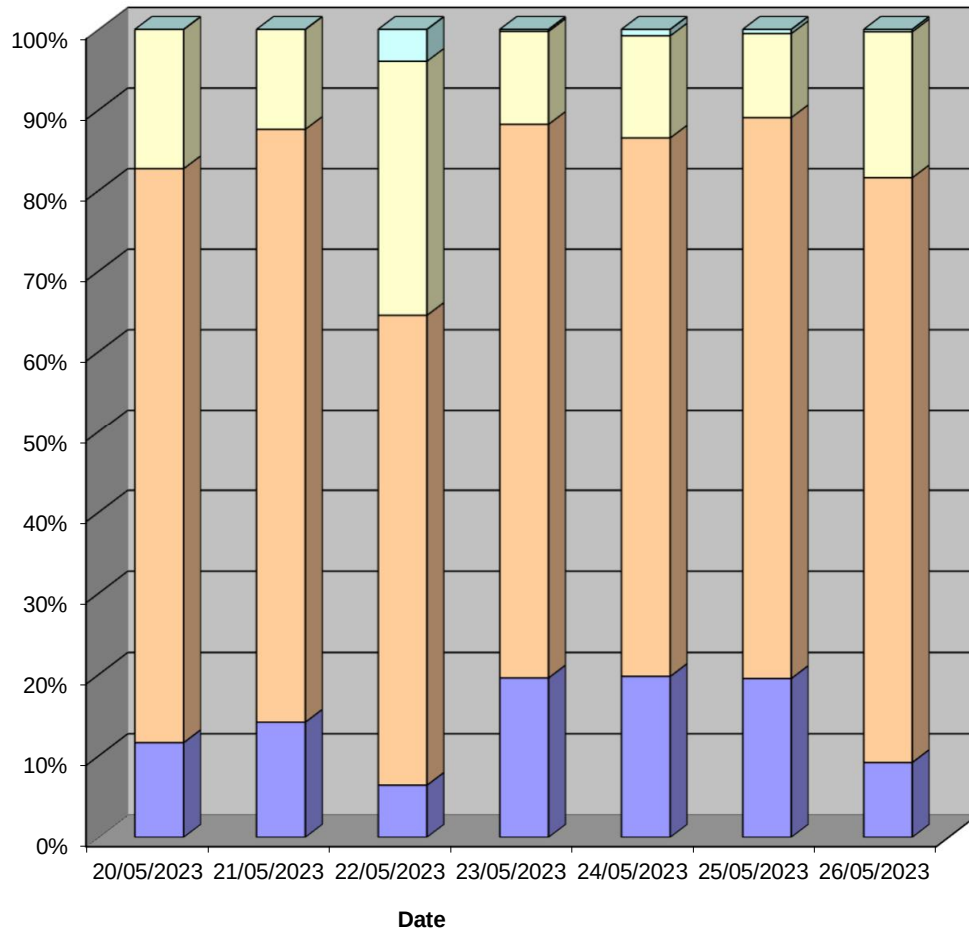
Channel 1 - Northbound

Speed Summary

Week 1

Speed (MPH)	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday
0-30	29	32	26	80	75	75	31
31-45	177	166	236	280	253	267	244
46-60	43	28	128	47	48	40	61
61-100	0	0	16	1	3	2	1
TOTAL	249	226	406	408	379	384	337

Speed Summary (MPH)



0-30 31-45 46-60 61-100

Wysall ATC 1, Bradmore Road N

Produced by Streetwise Services Ltd.



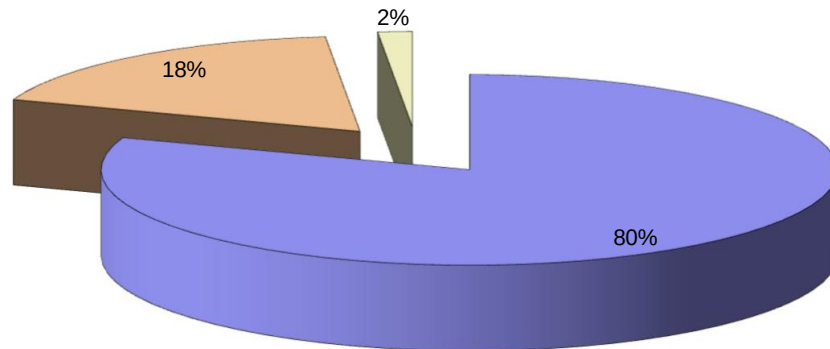
Channel 1 - Northbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
20/05/2023				
7-19	190	22	3	215
6-22	211	23	3	237
6-24	217	23	3	243
0-24	223	23	3	249
21/05/2023				
7-19	175	19	1	195
6-22	192	23	1	216
6-24	197	23	1	221
0-24	201	24	1	226
22/05/2023				
7-19	271	88	1	360
6-22	292	107	1	400
6-24	292	108	1	401
0-24	296	109	1	406
23/05/2023				
7-19	298	69	8	375
6-22	318	73	8	399
6-24	319	75	8	402
0-24	323	76	9	408
24/05/2023				
7-19	288	59	4	351
6-22	304	62	4	370
6-24	305	64	4	373
0-24	310	65	4	379
25/05/2023				
7-19	279	59	9	347
6-22	301	61	13	375
6-24	302	63	13	378
0-24	304	66	14	384
26/05/2023				
7-19	246	61	1	308
6-22	257	67	2	326
6-24	261	68	2	331
0-24	265	68	4	337
Average				
7-19	250	54	4	307
6-22	268	59	5	332
6-24	270	61	5	336
0-24	275	62	5	341

Total Vehicle Class Distribution



Wysall ATC 1, Bradmore Road N

Produced by Streetwise Services Ltd.

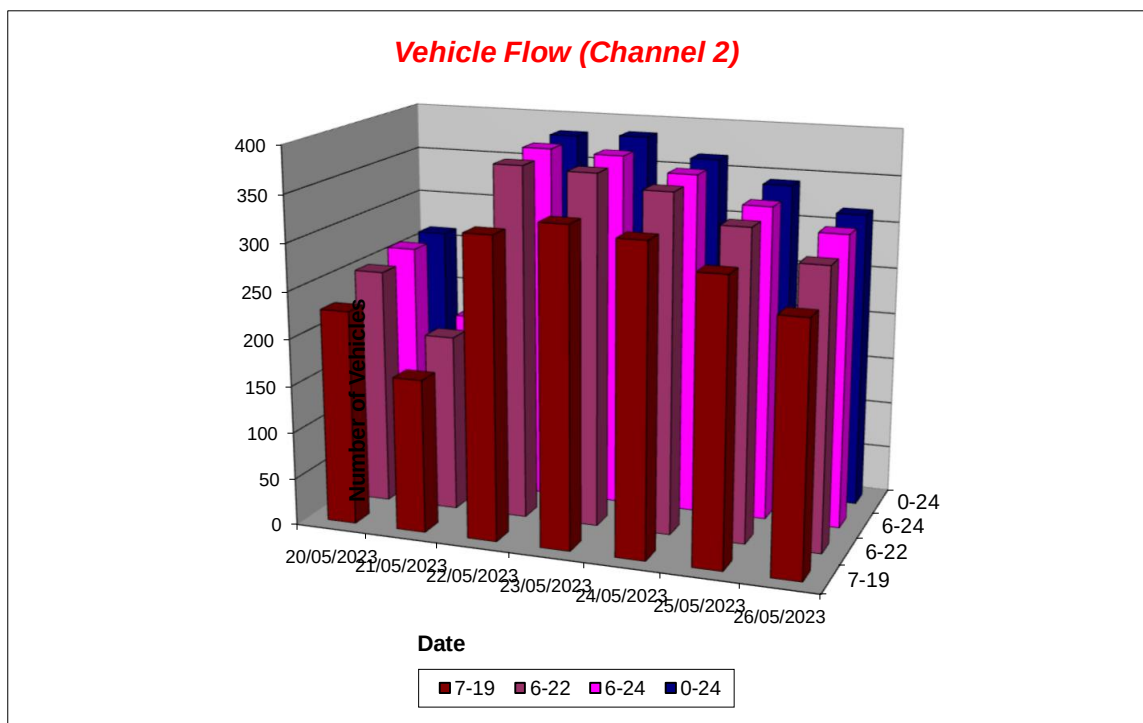


Channel 2 - Southbound

Vehicle Flow

Week 1

Hr Ending	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday	5 Day Ave	7 Day Ave
1	0	7	0	4	2	1	1	2	2
2	0	1	1	0	0	3	0	1	1
3	1	1	0	1	1	1	1	1	1
4	1	0	0	0	0	3	1	1	1
5	0	0	0	2	0	0	1	1	0
6	0	1	1	1	0	0	1	1	1
7	2	1	8	4	3	4	6	5	4
8	2	4	12	22	20	16	7	15	12
9	18	8	16	20	11	6	34	17	16
10	12	3	19	15	18	24	15	18	15
11	15	15	17	15	21	21	18	18	17
12	28	12	24	31	21	17	16	22	21
13	23	12	25	34	32	33	25	30	26
14	25	25	25	38	32	34	24	31	29
15	28	24	21	14	26	22	12	19	21
16	27	18	30	47	37	28	18	32	29
17	21	14	36	29	41	33	25	33	28
18	14	14	44	44	44	40	37	42	34
19	15	14	50	26	22	24	32	31	26
20	10	7	24	18	12	7	18	16	14
21	9	9	15	9	13	17	6	12	11
22	3	8	9	6	5	2	3	5	5
23	5	3	3	4	3	5	10	5	5
24	4	0	2	1	1	1	5	2	2
7-19	228	163	319	335	325	298	263	308	276
6-22	252	188	375	372	358	328	296	346	310
6-24	261	191	380	377	362	334	311	353	317
0-24	263	201	382	385	365	342	316	358	322



Wysall ATC 1, Bradmore Road N

Produced by Streetwise Services Ltd.



Channel 2 - Southbound

Average Speed

Week 1

Hr Ending	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday
1	-	32.6	-	29.9	34.2	25.5	43.0
2	-	38.0	43.0	-	-	33.0	-
3	48.0	33.0	-	43.0	43.0	43.0	43.0
4	33.0	-	-	-	-	33.0	48.0
5	-	-	-	33.0	-	-	33.0
6	-	33.0	38.0	33.0	-	-	43.0
7	53.0	43.0	44.9	45.5	44.7	44.2	46.3
8	40.5	35.5	36.1	39.4	40.5	40.2	39.4
9	38.1	32.1	36.9	35.2	34.6	35.1	36.2
10	38.8	32.2	33.4	29.0	33.8	33.3	35.8
11	41.3	33.3	33.3	34.0	35.5	36.0	34.9
12	34.7	39.2	39.0	31.1	32.9	30.2	38.0
13	39.5	38.8	38.2	38.1	38.2	34.7	34.8
14	39.2	38.9	37.9	38.7	38.2	38.1	42.2
15	36.0	35.4	37.8	38.0	38.1	37.7	34.9
16	39.1	37.3	40.3	35.9	35.1	34.7	38.3
17	39.0	38.7	38.8	39.5	38.7	38.8	42.8
18	38.5	38.0	47.0	35.8	38.0	39.5	39.0
19	41.0	36.6	50.7	38.9	40.2	38.2	40.3
20	40.2	36.9	55.2	38.7	39.5	39.1	41.1
21	38.6	37.4	47.5	36.9	39.9	37.7	45.5
22	35.5	34.9	43.0	34.2	34.5	29.2	38.0
23	37.0	34.7	47.2	38.0	38.0	38.0	38.5
24	39.2	-	48.0	33.0	33.0	33.0	34.5

10-12	37.0	36.0	36.7	32.0	34.2	33.4	36.4
14-16	37.5	36.2	39.3	36.4	36.3	36.0	36.9
0-24	38.5	36.6	42.3	36.5	37.5	36.8	38.8

7 Day Ave	38.1
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85th Percentile

Hr Ending	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday
1	-	43.9	-	43.5	43.4	26.0	43.4
2	-	38.5	43.4	-	-	34.0	-
3	48.2	33.4	-	43.1	43.7	43.6	43.1
4	33.9	-	-	-	-	33.9	49.0
5	-	-	-	33.1	-	-	33.8
6	-	33.8	38.3	33.2	-	-	43.7
7	58.6	43.8	48.3	48.0	48.3	48.7	58.4
8	43.8	43.7	43.2	48.7	48.4	48.4	43.0
9	43.9	43.7	43.5	38.5	43.4	43.7	43.2
10	43.3	39.0	38.2	43.6	43.9	43.1	38.2
11	43.5	43.3	38.6	38.2	38.1	38.8	48.5
12	43.1	43.5	48.4	38.5	38.6	38.7	43.4
13	43.6	43.4	43.9	43.7	43.3	43.5	43.1
14	48.4	43.7	48.5	48.8	43.1	48.2	48.3
15	39.0	43.2	43.2	43.4	43.2	43.2	38.6
16	48.1	43.4	48.7	43.9	43.1	43.3	53.8
17	48.9	43.5	48.7	48.7	48.4	48.8	48.5
18	43.6	43.8	58.6	43.1	44.0	43.1	43.2
19	48.3	38.5	63.8	48.6	48.5	48.5	48.9
20	48.1	43.4	63.2	43.7	48.5	43.8	48.4
21	43.5	43.5	58.8	43.0	54.0	43.8	53.3
22	43.2	43.2	58.2	43.4	43.2	33.3	48.8
23	49.0	38.6	69.0	38.4	38.4	39.0	43.2
24	43.1	-	53.1	33.3	33.4	33.8	43.4

10-12	43.0	43.5	43.1	39.0	38.3	38.7	48.2
14-16	43.3	43.7	48.8	43.8	43.5	43.9	43.9
0-24	48.5	43.9	53.4	43.7	48.1	43.9	48.6

7 Day Ave	47.2
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Wysall ATC 1, Bradmore Road N

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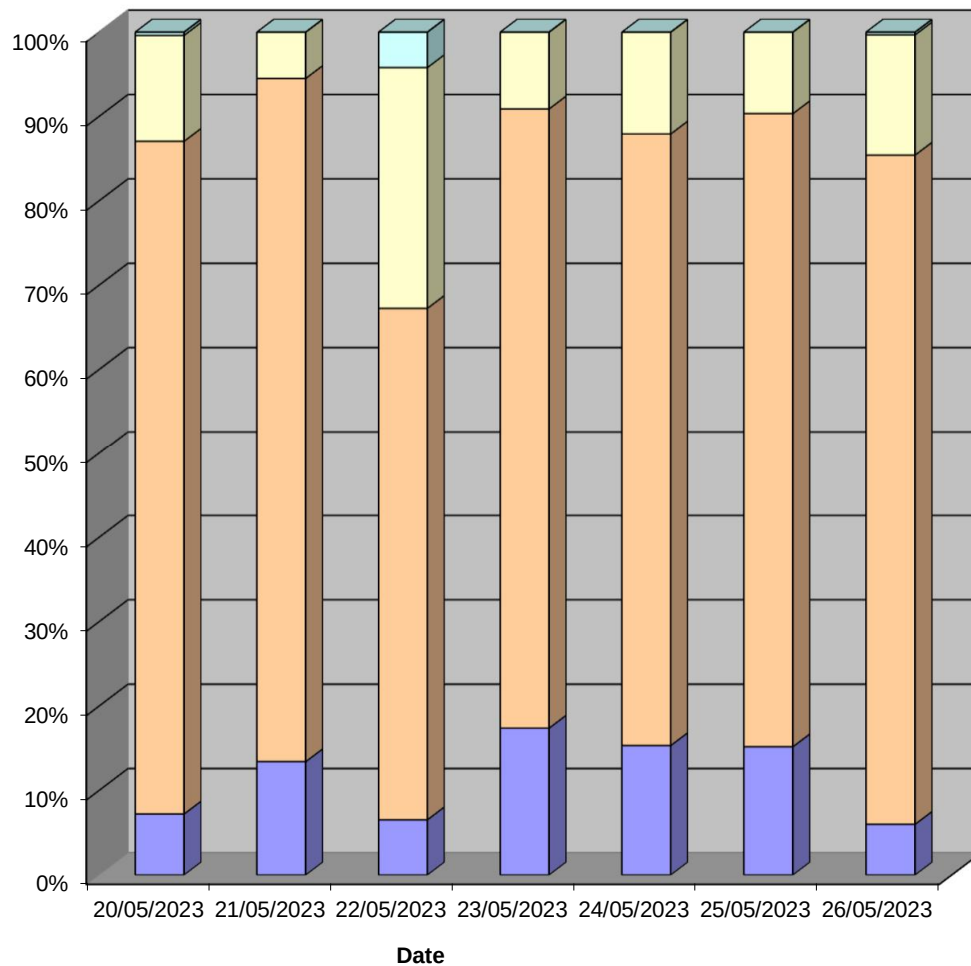
Channel 2 - Southbound

Speed Summary

Week 1

Speed (MPH)	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday
0-30	19	27	25	67	56	52	19
31-45	210	163	232	283	265	257	251
46-60	33	11	109	35	44	33	45
61-100	1	0	16	0	0	0	1
TOTAL	263	201	382	385	365	342	316

Speed Summary (MPH)



0-30 31-45 46-60 61-100

Wysall ATC 1, Bradmore Road N

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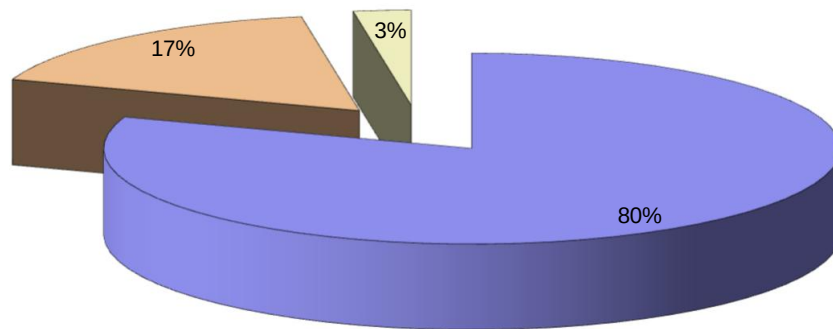
Channel 2 - Southbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
20/05/2023				
7-19	207	21	0	228
6-22	229	22	1	252
6-24	238	22	1	261
0-24	239	22	2	263
21/05/2023				
7-19	149	13	1	163
6-22	168	18	2	188
6-24	171	18	2	191
0-24	179	19	3	201
22/05/2023				
7-19	229	89	1	319
6-22	261	113	1	375
6-24	263	116	1	380
0-24	265	116	1	382
23/05/2023				
7-19	263	58	14	335
6-22	291	66	15	372
6-24	296	66	15	377
0-24	300	69	16	385
24/05/2023				
7-19	262	51	12	325
6-22	290	56	12	358
6-24	294	56	12	362
0-24	297	56	12	365
25/05/2023				
7-19	239	43	16	298
6-22	262	50	16	328
6-24	268	50	16	334
0-24	270	56	16	342
26/05/2023				
7-19	220	38	5	263
6-22	247	43	6	296
6-24	257	47	7	311
0-24	261	48	7	316
Average				
7-19	224	45	7	276
6-22	250	53	8	310
6-24	255	54	8	317
0-24	259	55	8	322

Total Vehicle Class Distribution



Wysall ATC 1, Bradmore Road N

Produced by Streetwise Services Ltd.



Channel 1 - Northbound

	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	249	226	406	408	379	384	337	363	341
Mean Speed	38.8	37.9	43.3	37.4	37.5	37.5	39.1	39.0	38.8
85thile Speed	48.6	43.9	53.9	43.3	48.0	43.2	48.5	47.3	47.0
No. Vehicles > 60 MPH Limit	0	0	16	1	3	2	1	5	3
% Vehicles > 60 MPH Limit	0.0	0.0	3.9	0.2	0.8	0.5	0.3	1.2	0.8
No. Vehicles > 75 MPH	0	0	2	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.1	0.1

Channel 2 - Southbound

	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	263	201	362	385	365	342	316	368	322
Mean Speed	38.5	36.6	42.3	36.5	37.5	36.8	38.8	38.4	38.1
85thile Speed	48.5	43.9	53.4	43.7	48.1	43.9	48.6	47.5	47.2
No. Vehicles > 60 MPH Limit	1	0	16	0	0	0	1	3	3
% Vehicles > 60 MPH Limit	0.4	0.0	4.2	0.0	0.0	0.0	0.3	0.9	0.7
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channels 1+2 - Northbound & Southbound

	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	512	427	768	793	744	726	653	741	663
Mean Speed	38.7	37.3	42.8	37.0	37.5	37.2	39.0	38.7	38.5
85thile Speed	48.5	43.9	53.5	43.5	48.0	43.6	48.5	47.4	47.1
No. Vehicles > 60 MPH Limit	1	0	32	1	3	2	2	8	6
% Vehicles > 60 MPH Limit	0.2	0.0	4.1	0.1	0.4	0.3	0.3	1.0	0.8
No. Vehicles > 75 MPH	0	0	2	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.0

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Trailer	5	Rigid 2 Axle HDV + 2 Axle (Drive recouling) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HDV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HDV + 3 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic. 2 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic. 2 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic. 3 Axle Tractor + 3 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic. 3 Axle Tractor + 1 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic. 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic. 3 Axle Tractor + 3 Axle Semi-Trailer
5	Rigid 2 Axle HDV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HDV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HDV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Wysall ATC 1, Bradmore Road N

Produced by Streetwise Services Ltd.



Channel 1 - Northbound

	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	186	183	212	263	238	237	202	230	217
Mean Speed	37.2	38.1	46.8	38.3	38.6	37.6	36.9	39.6	39.1
85%ile Speed	42.2	44.0	57.2	42.8	43.2	41.5	43.6	45.7	44.9
No. Vehicles > 60 MPH Limit	0	0	11	0	0	0	1	2	2
% Vehicles > 60 MPH Limit	0.0	0.0	5.2	0.0	0.0	0.0	0.5	1.1	0.8
No. Vehicles > 75 MPH	0	0	2	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.2	0.1

Channel 2 - Southbound

	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	208	161	274	270	249	247	213	251	232
Mean Speed	39.6	36.2	42.3	36.1	37.4	35.5	39.6	38.2	38.1
85%ile Speed	45.3	41.2	50.4	41.7	43.4	40.4	45.9	44.4	44.0
No. Vehicles > 60 MPH Limit	1	0	15	0	0	0	1	3	2
% Vehicles > 60 MPH Limit	0.5	0.0	5.5	0.0	0.0	0.0	0.5	1.2	0.9
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channels 1+2 - Northbound & Southbound

	20/05/2023 Saturday	21/05/2023 Sunday	22/05/2023 Monday	23/05/2023 Tuesday	24/05/2023 Wednesday	25/05/2023 Thursday	26/05/2023 Friday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	394	344	486	533	487	484	415	481	449
Mean Speed	38.4	37.1	44.6	37.2	38.0	36.5	38.3	38.9	38.6
85%ile Speed	43.8	42.6	53.8	42.3	43.3	40.9	44.7	45.0	44.5
No. Vehicles > 60 MPH Limit	1	0	26	0	0	0	2	6	4
% Vehicles > 60 MPH Limit	0.3	0.0	5.3	0.0	0.0	0.0	0.5	1.2	0.9
No. Vehicles > 75 MPH	0	0	2	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.1	0.1

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



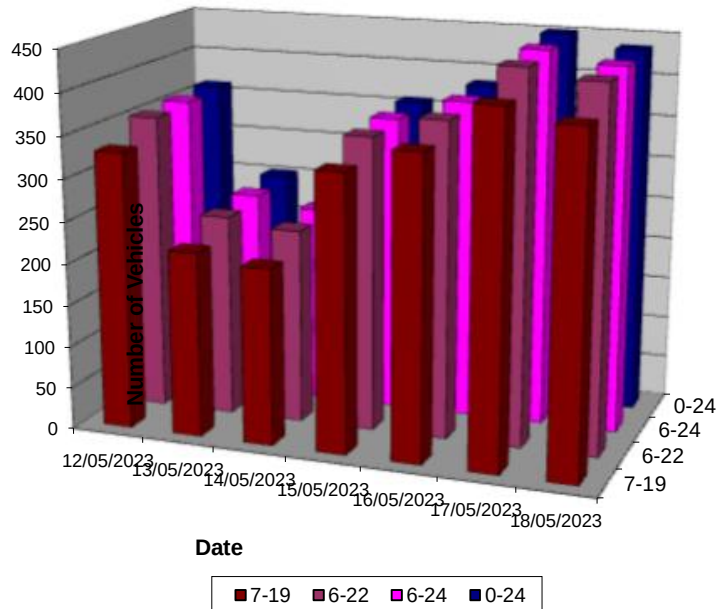
Channel 1 - Northbound

Vehicle Flow

Week 1

Hr Ending	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday	5 Day Ave	7 Day Ave
1	0	3	4	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	1	0	0	0
4	0	1	0	0	0	1	1	0	0
5	1	0	1	0	1	0	0	0	0
6	3	1	0	3	2	3	3	3	2
7	11	1	3	5	7	7	13	9	7
8	51	11	4	58	62	66	69	61	46
9	47	19	18	81	93	103	81	81	63
10	34	25	14	22	32	44	46	36	31
11	18	14	21	18	19	30	24	22	21
12	19	23	26	17	15	22	16	18	20
13	26	17	23	14	20	17	21	20	20
14	23	20	26	20	27	23	20	23	23
15	23	22	20	18	19	23	26	22	22
16	23	23	17	27	17	16	23	21	21
17	28	18	13	17	29	22	26	24	22
18	26	14	18	23	11	25	25	22	20
19	12	14	10	13	13	22	21	16	15
20	6	12	11	11	4	13	11	9	10
21	4	4	5	4	4	5	5	4	4
22	3	4	3	2	3	2	2	2	3
23	2	3	2	2	3	3	2	2	2
24	1	3	2	2	2	2	1	2	2
7-19	330	220	210	328	357	413	398	365	322
6-22	354	241	232	350	375	440	429	390	346
6-24	357	247	236	354	380	445	432	394	350
0-24	361	252	242	357	383	450	436	397	354

Vehicle Flow (Channel 1)



Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



Channel 1 - Northbound

Average Speed

Week 1

Hr Ending	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday
1	-	38.0	30.5	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	43.0	-	-	38.0	-
4	-	38.0	-	-	-	33.0	33.0
5	38.0	-	33.0	-	33.0	-	-
6	39.7	43.0	-	35.5	40.5	44.7	41.3
7	38.2	25.5	41.3	37.0	38.0	41.6	39.3
8	39.2	37.1	41.1	38.7	38.4	39.0	37.6
9	38.4	37.1	33.8	39.9	38.3	39.5	39.5
10	36.5	36.9	39.4	38.6	37.8	38.0	37.9
11	35.2	38.0	34.7	35.8	34.7	33.4	41.5
12	36.6	36.3	38.4	36.2	35.7	38.1	37.5
13	39.1	35.2	35.6	35.0	36.2	35.4	34.4
14	34.8	37.9	33.3	36.2	36.7	37.5	35.2
15	36.7	34.1	36.8	32.4	37.7	36.4	35.1
16	36.0	32.6	35.9	34.6	36.2	35.2	37.2
17	35.3	39.5	30.1	36.2	38.3	37.3	36.7
18	37.5	38.9	37.0	35.9	40.3	36.5	35.7
19	37.4	37.8	37.8	35.3	36.1	36.6	38.1
20	37.2	35.3	34.4	33.7	43.0	37.6	38.7
21	34.2	31.1	38.5	33.6	33.6	34.0	38.0
22	37.2	42.4	37.2	34.2	38.0	53.0	29.2
23	29.2	25.5	40.5	31.8	38.0	36.3	24.2
24	25.5	30.5	38.0	29.2	48.0	33.0	53.0

10-12	35.9	36.9	36.7	36.0	35.1	35.4	39.9
14-16	36.4	33.3	36.4	33.7	37.0	35.9	36.1
0-24	37.1	36.3	35.9	37.0	37.7	37.8	37.7

7 Day Ave	37.1
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85th Percentile

Hr Ending	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday
1	-	43.6	38.8	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	43.3	-	-	38.6	-
4	-	38.5	-	-	-	33.8	33.4
5	38.7	-	33.0	-	33.4	-	-
6	43.5	43.3	-	43.3	43.3	48.0	43.5
7	43.6	26.1	48.3	38.8	43.1	48.2	43.5
8	43.3	43.6	53.4	43.4	43.2	48.1	48.2
9	48.3	48.3	38.3	48.3	44.0	48.1	48.3
10	43.8	43.3	43.9	48.9	43.1	43.3	43.1
11	43.0	48.8	39.0	43.6	43.4	38.1	48.6
12	43.8	43.8	43.4	43.6	43.4	43.0	48.2
13	43.8	43.6	38.3	43.4	43.5	43.5	43.9
14	38.7	44.0	43.2	43.1	43.2	43.7	43.1
15	43.0	38.9	43.2	38.6	43.5	43.5	43.4
16	48.4	43.2	43.6	43.7	43.3	43.8	43.3
17	43.9	48.7	43.4	43.9	43.6	43.1	43.9
18	43.8	44.0	43.4	43.8	43.5	43.2	43.8
19	48.4	48.2	48.7	38.0	43.2	43.7	48.3
20	44.0	43.5	43.3	38.5	48.9	48.5	43.7
21	48.9	33.1	48.6	38.9	38.7	43.4	43.3
22	53.1	69.0	43.2	43.4	43.5	58.1	33.1
23	33.9	26.2	48.2	38.7	43.4	38.7	33.0
24	25.9	33.0	43.6	33.5	53.1	33.9	53.3

10-12	43.5	43.6	43.1	43.5	43.8	43.5	48.8
14-16	48.8	43.1	43.5	43.5	43.5	43.1	43.3
0-24	43.1	43.1	43.9	43.4	43.8	43.8	43.2

7 Day Ave	43.5
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Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



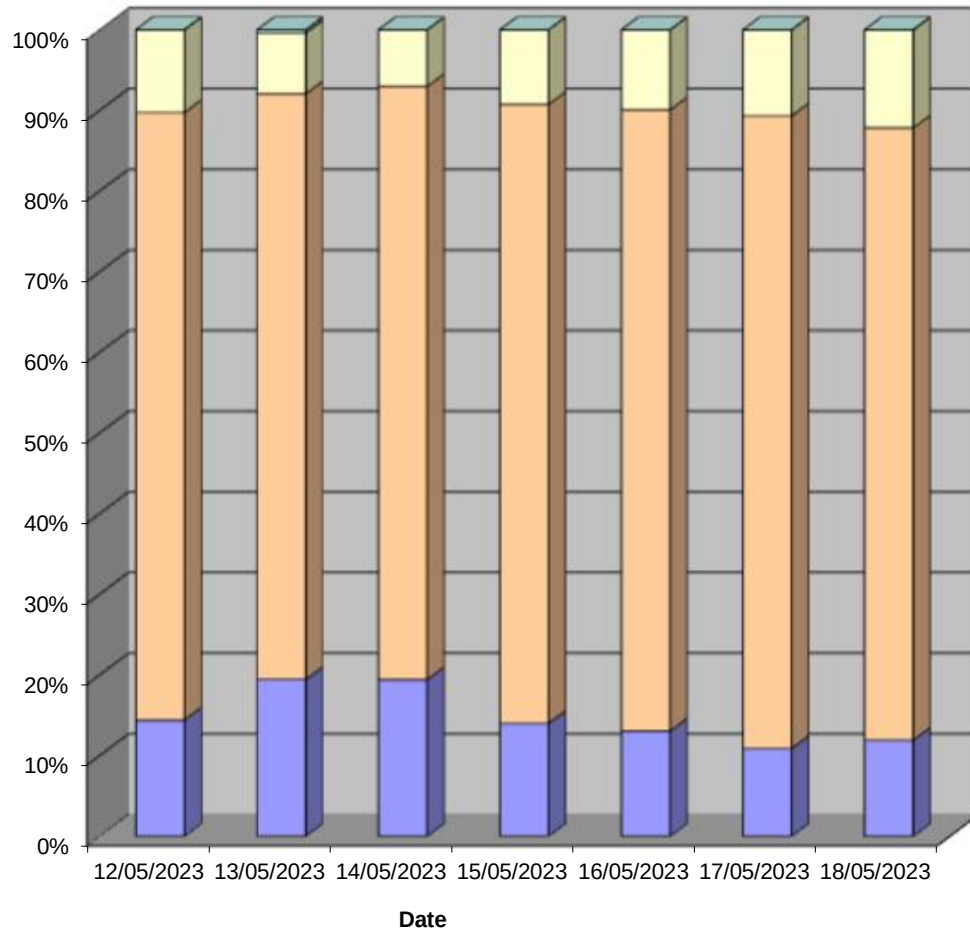
Channel 1 - Northbound

Speed Summary

Week 1

Speed (MPH)	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday
0-30	52	49	47	50	50	49	52
31-45	272	183	178	274	295	353	331
46-60	37	19	17	33	38	48	53
61-100	0	1	0	0	0	0	0
TOTAL	361	252	242	357	383	450	436

Speed Summary (MPH)



0-30 31-45 46-60 61-100

Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



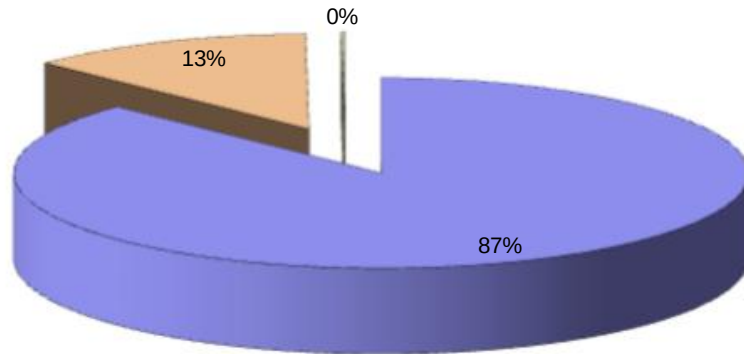
Channel 1 - Northbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
12/05/2023				
7-19	277	52	1	330
6-22	297	56	1	354
6-24	300	56	1	357
0-24	304	56	1	361
13/05/2023				
7-19	199	19	2	220
6-22	219	20	2	241
6-24	225	20	2	247
0-24	230	20	2	252
14/05/2023				
7-19	197	13	0	210
6-22	216	16	0	232
6-24	220	16	0	236
0-24	225	17	0	242
15/05/2023				
7-19	289	39	0	328
6-22	310	40	0	350
6-24	314	40	0	354
0-24	316	41	0	357
16/05/2023				
7-19	307	50	0	357
6-22	320	55	0	375
6-24	325	55	0	380
0-24	328	55	0	383
17/05/2023				
7-19	352	60	1	413
6-22	373	66	1	440
6-24	377	67	1	445
0-24	382	67	1	450
18/05/2023				
7-19	343	55	0	398
6-22	373	56	0	429
6-24	376	56	0	432
0-24	379	57	0	436
Average				
7-19	281	41	1	322
6-22	301	44	1	346
6-24	305	44	1	350
0-24	309	45	1	354

Total Vehicle Class Distribution



Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



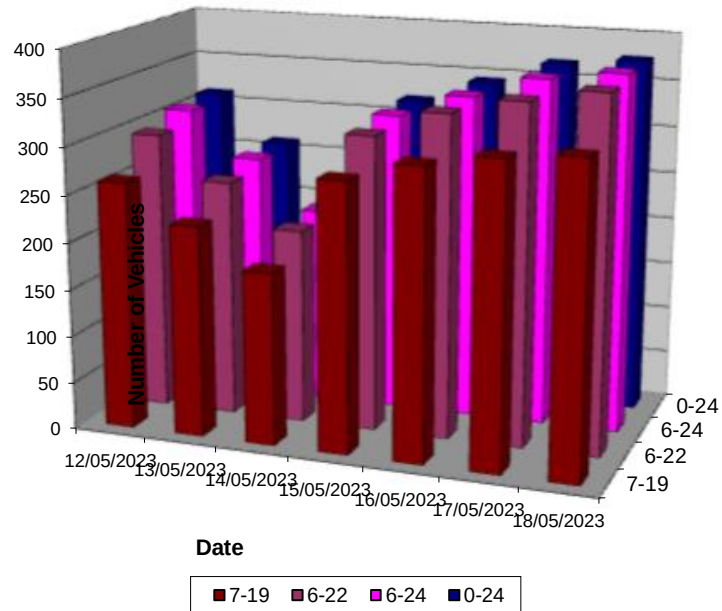
Channel 2 - Southbound

Vehicle Flow

Week 1

Hr Ending	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday	5 Day Ave	7 Day Ave
1	1	0	7	1	1	1	0	1	2
2	0	0	1	0	0	0	0	0	0
3	1	1	1	0	0	0	0	0	0
4	1	0	0	0	0	1	0	0	0
5	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0
7	8	2	1	6	4	3	7	6	4
8	14	2	3	24	17	21	27	21	15
9	32	16	11	25	20	31	20	26	22
10	21	17	4	20	18	18	14	18	16
11	18	13	16	9	22	17	19	17	16
12	23	25	15	21	22	26	23	23	22
13	24	19	16	16	27	22	20	22	21
14	16	20	28	23	22	22	33	23	23
15	14	30	26	13	24	30	28	22	24
16	22	27	21	33	29	25	30	28	27
17	22	25	13	31	36	44	36	34	30
18	31	19	18	50	37	32	45	39	33
19	25	10	11	18	30	29	29	26	22
20	18	13	9	14	14	18	24	18	16
21	5	8	8	5	9	12	12	9	8
22	3	5	6	4	9	7	4	5	5
23	6	4	2	4	2	8	5	5	4
24	6	5	0	2	1	1	0	2	2
7-19	262	223	182	283	304	317	324	298	271
6-22	296	251	206	312	340	357	371	335	305
6-24	308	260	208	318	343	366	376	342	311
0-24	312	261	217	319	344	368	376	344	314

Vehicle Flow (Channel 2)



Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



Channel 2 - Southbound

Average Speed

Week 1

Hr Ending	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday
1	38.0	-	30.5	43.0	38.0	25.5	-
2	-	-	38.0	-	-	-	-
3	38.0	48.0	33.0	-	-	-	-
4	48.0	-	-	-	-	38.0	-
5	-	-	-	-	-	-	-
6	38.0	-	-	-	-	-	-
7	44.2	50.5	38.0	39.7	37.4	38.0	38.0
8	37.1	40.5	36.3	36.0	38.4	34.4	36.2
9	37.5	37.1	29.6	32.3	34.6	34.7	33.5
10	32.4	38.4	35.5	35.0	37.6	32.7	37.5
11	35.6	39.0	33.0	33.6	33.8	33.4	35.6
12	37.3	34.3	37.2	35.7	37.9	36.9	37.6
13	34.7	39.2	37.1	32.7	36.5	35.7	33.8
14	38.5	38.1	36.9	33.4	35.0	36.2	37.4
15	33.9	33.7	34.2	34.7	40.3	36.9	36.1
16	39.8	37.0	36.8	39.2	36.9	37.1	38.8
17	38.6	38.9	38.2	37.7	38.6	41.5	40.5
18	40.3	39.2	38.3	39.0	40.8	39.1	38.1
19	37.5	41.5	35.0	38.4	38.8	40.2	36.6
20	37.6	37.8	38.3	38.4	41.6	41.3	36.6
21	46.0	38.6	38.6	37.0	39.4	38.6	40.1
22	36.3	44.5	36.8	31.1	35.5	41.6	36.8
23	38.8	34.2	35.5	36.1	38.0	41.4	37.0
24	35.1	40.0	-	35.5	38.0	53.0	-

10-12	36.6	35.9	35.0	35.1	35.8	35.6	36.7
14-16	37.5	35.2	35.3	37.9	38.4	37.0	37.5
0-24	37.5	37.7	35.9	36.4	37.8	37.6	37.2

7 Day Ave	37.2
-----------	------

85th Percentile

Hr Ending	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday
1	38.5	-	43.2	44.0	38.7	26.0	-
2	-	-	38.6	-	-	-	-
3	38.3	48.0	33.5	-	-	-	-
4	48.3	-	-	-	-	38.5	-
5	-	-	-	-	-	-	-
6	38.0	-	-	-	-	-	-
7	48.5	58.3	38.7	48.1	48.0	44.0	53.8
8	43.2	43.5	43.9	48.1	48.4	43.2	48.1
9	43.9	43.9	38.4	38.8	43.4	43.4	38.5
10	38.6	43.5	38.3	38.4	48.3	38.4	43.8
11	48.8	43.4	43.3	38.5	44.0	38.3	43.8
12	43.9	38.8	43.2	38.1	48.8	43.5	43.3
13	43.3	48.8	43.5	43.1	48.7	43.1	39.0
14	48.5	48.7	43.2	38.2	38.4	38.5	43.8
15	43.1	38.7	38.6	38.0	48.7	44.0	43.7
16	43.6	44.0	43.4	43.7	43.3	43.6	48.9
17	48.4	43.3	48.9	43.5	48.4	48.9	43.9
18	49.0	43.5	43.5	43.6	48.4	43.7	43.4
19	48.1	48.4	43.2	43.2	43.9	43.4	43.1
20	48.9	43.7	43.7	43.5	43.1	48.7	44.0
21	53.6	43.2	43.7	43.7	43.6	43.1	53.8
22	43.3	63.4	43.6	33.8	38.3	48.8	38.7
23	48.1	48.5	38.8	43.4	38.1	48.7	43.4
24	43.5	43.8	-	38.9	38.2	53.5	-

10-12	43.2	43.5	43.2	38.7	43.1	43.2	43.0
14-16	44.0	43.4	43.8	43.1	43.4	43.2	48.2
0-24	48.1	43.5	43.2	43.6	49.0	43.3	43.2

7 Day Ave	44.8
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Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



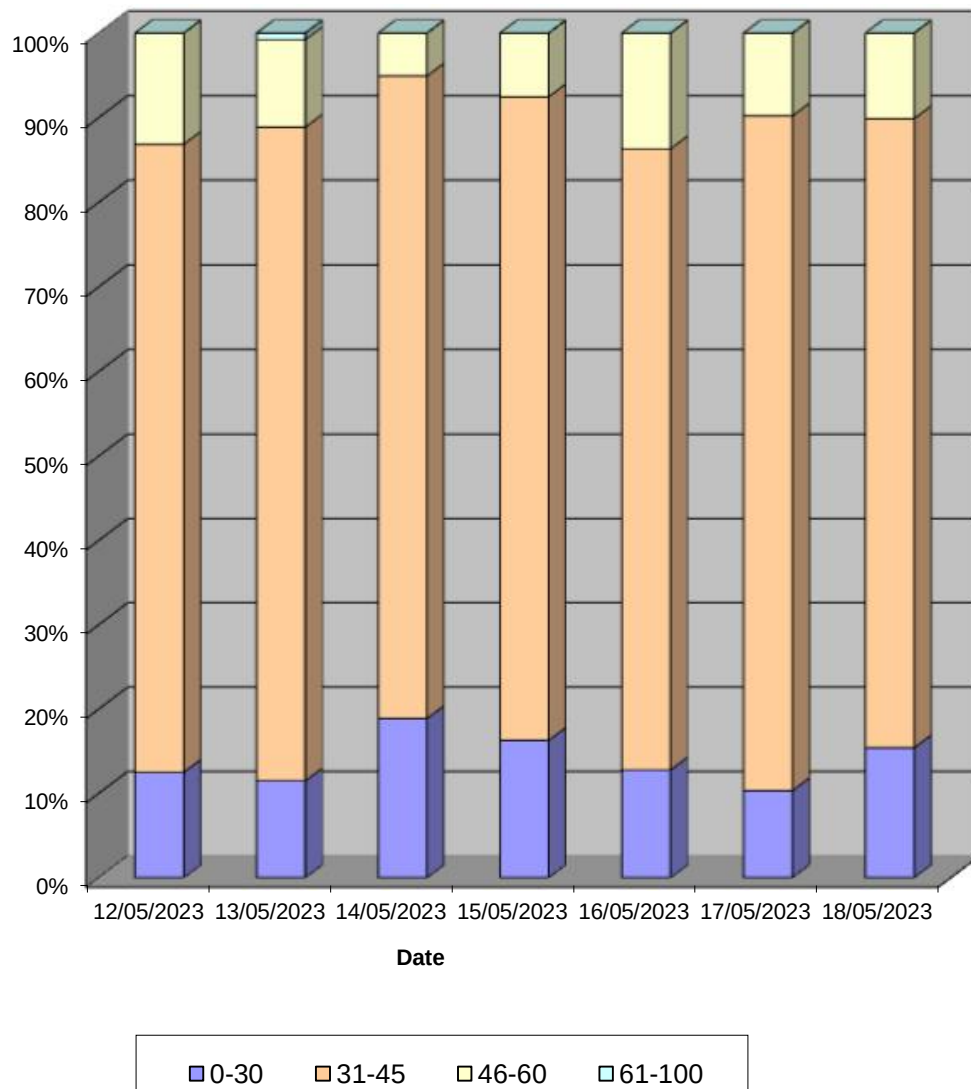
Channel 2 - Southbound

Speed Summary

Week 1

Speed (MPH)	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday
0-30	39	30	41	52	44	38	58
31-45	232	202	165	243	253	294	280
46-60	41	27	11	24	47	36	38
61-100	0	2	0	0	0	0	0
TOTAL	312	261	217	319	344	368	376

Speed Summary (MPH)



Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



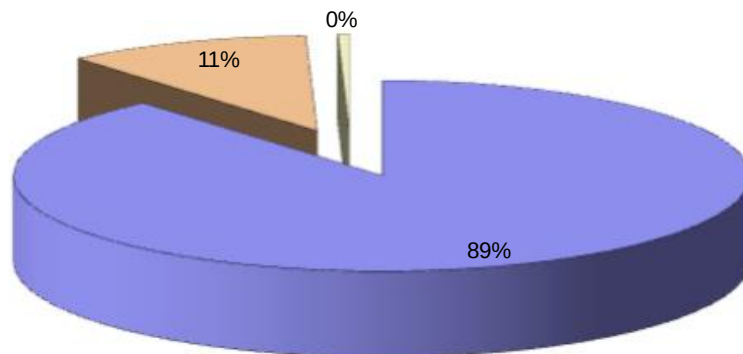
Channel 2 - Southbound

Vehicle Class

Week 1

Classes Day / Time	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
12/05/2023				
7-19	226	36	0	262
6-22	257	39	0	296
6-24	268	40	0	308
0-24	272	40	0	312
13/05/2023				
7-19	210	13	0	223
6-22	238	13	0	251
6-24	247	13	0	260
0-24	248	13	0	261
14/05/2023				
7-19	172	10	0	182
6-22	190	14	2	206
6-24	192	14	2	208
0-24	200	15	2	217
15/05/2023				
7-19	244	36	3	283
6-22	272	37	3	312
6-24	278	37	3	318
0-24	279	37	3	319
16/05/2023				
7-19	264	39	1	304
6-22	294	45	1	340
6-24	297	45	1	343
0-24	298	45	1	344
17/05/2023				
7-19	271	42	4	317
6-22	307	46	4	357
6-24	316	46	4	366
0-24	318	46	4	368
18/05/2023				
7-19	286	37	1	324
6-22	330	40	1	371
6-24	335	40	1	376
0-24	335	40	1	376
Average				
7-19	239	30	1	271
6-22	270	33	2	305
6-24	276	34	2	311
0-24	279	34	2	314

Total Vehicle Class Distribution



Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



Channel 1 - Northbound

	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	361	252	242	357	383	450	436	397	354
Mean Speed	37.1	36.3	35.9	37.0	37.7	37.8	37.7	37.5	37.1
85thile Speed	43.1	43.1	43.9	43.4	43.8	43.8	43.2	43.5	43.5
No. Vehicles > 60 MPH Limit	0	1	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Southbound

	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	312	291	211	319	344	368	316	344	354
Mean Speed	37.5	37.7	35.9	36.4	37.8	37.6	37.2	37.3	37.2
85thile Speed	48.1	43.5	43.2	43.6	49.0	43.3	43.2	45.4	44.8
No. Vehicles > 60 MPH Limit	0	2	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channels 1+2 - Northbound & Southbound

	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday	5-DAY MEAN	7-DAY MEAN
0000-2400 Vehicle Flow	673	543	459	676	727	818	812	741	688
Mean Speed	37.3	37.0	35.9	36.7	37.8	37.7	37.5	37.4	37.1
85thile Speed	45.6	43.3	43.6	43.5	46.4	43.5	43.2	44.4	44.2
No. Vehicles > 60 MPH Limit	0	3	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Class No	Vehicle Description	Class No	Vehicle Description
1	Car, Light Van Taxi	5	Rigid 2 Axle HGV + 2 Axle (Class reciproc) Trailer
1	Light Goods Vehicle	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 1 Axle Caravan or Trailer	6	Rigid 3 Axle HGV + 2 Axle Drawbar Trailer
1	Car or Light Goods Vehicle + 2 Axle Caravan or Trailer	7	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
2	Rigid 2 Axle Heavy Goods Vehicle	8	Artic, 2 Axle Tractor + 2 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	9	Artic, 3 Axle Tractor + 1 Axle Semi-Trailer
3	Rigid 3 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	10	Artic, 3 Axle Tractor + 2 Axle Semi-Trailer
4	Rigid 4 Axle Heavy Goods Vehicle	11	Artic, 3 Axle Tractor + 3 Axle Semi-Trailer
5	Rigid 2 Axle HGV + 2 Axle Drawbar Trailer	12	Bus or Coach, 2 Axle
5	Rigid 2 Axle HGV + 3 Axle Drawbar Trailer	12	Bus or Coach, 3 Axle
5	Rigid 2 Axle HGV + 1 Axle Caravan or Trailer	13	Vehicle with 7 or more Axles

Wysall ATC 2, Bradmore Road S

Produced by Streetwise Services Ltd.



Channel 1 - Northbound

	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	209	190	189	178	188	234	235	209	203
Mean Speed	35.7	35.2	37.0	34.6	37.7	37.8	37.1	36.6	36.4
85%ile Speed	42.8	41.8	43.2	41.2	43.4	43.2	43.0	42.7	42.6
No. Vehicles > 60 MPH Limit	0	1	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channel 2 - Southbound

	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	213	199	172	189	234	240	248	225	214
Mean Speed	38.3	39.7	35.9	36.2	37.6	37.9	37.1	37.4	37.5
85%ile Speed	44.8	46.9	41.3	41.1	43.5	42.8	44.9	43.4	43.6
No. Vehicles > 60 MPH Limit	0	2	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Channels 1+2 - Northbound & Southbound

	12/05/2023 Friday	13/05/2023 Saturday	14/05/2023 Sunday	15/05/2023 Monday	16/05/2023 Tuesday	17/05/2023 Wednesday	18/05/2023 Thursday	5-DAY MEAN	7-DAY MEAN
Vehicle Flow	422	389	361	367	422	474	483	434	417
Mean Speed	37.0	37.4	36.4	35.4	37.7	37.8	37.1	37.0	37.0
85%ile Speed	43.8	44.3	42.2	41.2	43.4	43.0	43.9	43.1	43.1
No. Vehicles > 60 MPH Limit	0	3	0	0	0	0	0	0	0
% Vehicles > 60 MPH Limit	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1
No. Vehicles > 75 MPH	0	0	0	0	0	0	0	0	0
% Vehicles > 75 MPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Note: All figures are based on data from the hours 0000-0700, 0900-1600 & 1800-2400.

Appendix J

Visibility Splay Calculation – Northern Parcel

Bradmore Road Farm Access

Northbound

7-day average	-
Standard deviation	-
85th %ile Speed (mph)	43.6
85th %ile Wet Weather Speed (mph)	41.1
85th %ile Wet Weather Speed (kph)	66.1

$SSD = vt + v^2 / 2d$, therefore.....

Surveyed Speed (mph)	43.6
v = speed (m/s)	19.5
t = driver perception-reaction time (secs)	2
d = deceleration (m/s^2)	2.5

SSD (metres) = 116

SSD (metres, adjusted for bonnet length) = 119

Southbound

7-day average	-
Standard deviation	-
85th %ile Speed (mph)	47.2
85th %ile Wet Weather Speed (mph)	44.7
85th %ile Wet Weather Speed (kph)	71.9

$SSD = vt + v^2 / 2d$, therefore.....

Surveyed Speed (mph)	47.2
v = speed (m/s)	21.1
t = driver perception-reaction time (secs)	2
d = deceleration (m/s^2)	2.5

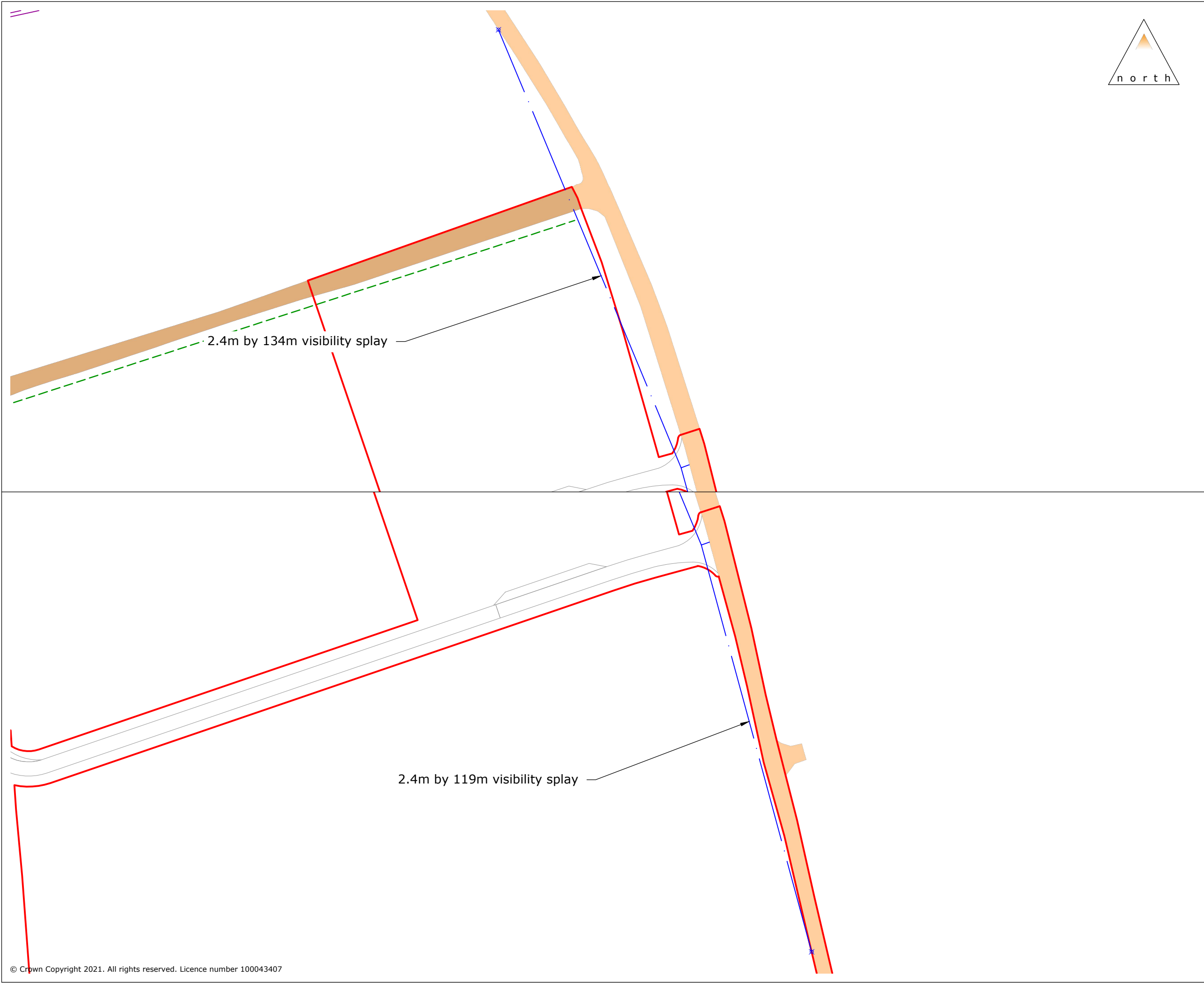
SSD (metres) = 131

SSD (metres, adjusted for bonnet length) = 134

Note - speeds obtained from ATC Information are 85th percentile values

Appendix K

Visibility Splay – northern Parcel

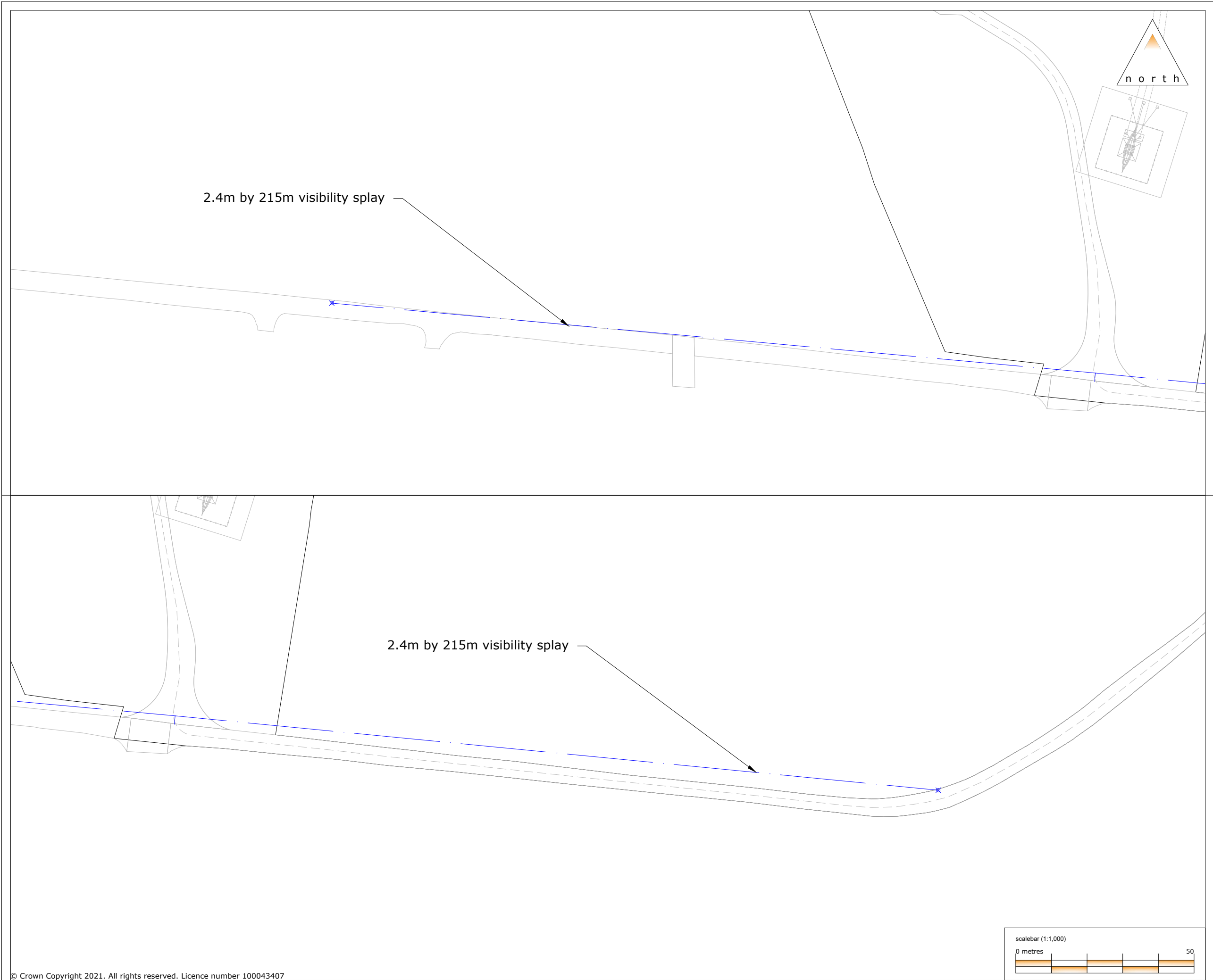


Rev:	Description:	Date:	Rev By:	Chk'd:
A	Updated Site Plan			
 Quadrant House, Broad Street Mall, Reading RG1 7QE T: 0118 467 4498 Guildford - London - Reading www.motion.co.uk				
Project: Old Wood Energy Park				
Title: Visibility Splay Farm access (N parcel)				
Client: Exagen Development Limited				
Drawing Status:				
Scale: 1:1000 (@ A3)		Date:27/11/2023		
Drawn: AN		Checked: JNR	Approved: JNR	
Drawing:		Revision:		
2303076 - 04		B		

Appendix L

Visibility Splay – Southern Parcel

C:\Users\dreddy\Motion\StaffSite - TP Projects\exwysa 2303076\Drawings\2303076 - 02 Southern Visibility.dwg



Rev:	Description:	Date:	Rev By:	Chk'd:
A	Updated Site Plan	01/11/23	DR	AN



Quadrant House, Broad Street Mall, Reading
RG1 7QE

T: 0118 467 4498

Guildford - London - Reading
www.motion.co.uk

Project: Old Wood Energy Park	
Title: Visibility Splay S Parcel	
Client: Exagen Development Ltd	
Drawing Status:	
Scale: 1:1,000 (@ A3)	Date: 26/06/23
Drawn: VB	Checked: AN
Approved: AN	
Drawing: 2303076 - 02	Revision: A