
From: John Long <
Sent: 06 March 2023 18:24
To: Hilary Saunders
Subject: NYM/2022/0470 R/O Cross Farm Building, Egton

Dear Hilary

The Estate has received the Egton speed survey information back. The speed survey was undertaken in February. Unfortunately, it did not show the 14 mph speeds we needed to address the Highway Authority comments.

However, we are able to propose a mitigation (a priority system, and lane narrowing/pavement widening), to reduce speeds in the vicinity of the access and ensure that the proposed use of the access for 1 dwelling would not harm highway safety in this location.

It also results in additional benefits including a wider pavement around the corner of cross farm barns (there is a pinch point on the pavement); and importantly it would help to bring down traffic speeds in the village, which we know has been an issue raised by local people and the Parish Council. We understand that the Parish Council have invited the local constabulary to attend a meeting for local people to discuss their concerns over speeding traffic. This proposed mitigation would help the situation.

I would be grateful if you could consider the mitigation as proposed in the attached technical note, (Drawing Number 2202701 Rev A) and discuss with the Highway Authority and consult as appropriate. The Estate would be content with any planning consent for the single dwelling including a condition requiring the mitigation to be installed prior to first occupation (and any necessary Traffic Regulation Orders to be secured etc.).

If you require an extension of the applications determination period to undertake the consultations, please let me know.

Thank you

John

John Long

www.johnlongplanning.co.uk

john long planning.

This email is Private and Confidential is sent for the attention for the addressee only and is without commitment. Where terms are discussed or proposed these are without prejudice and subject to contract. E&OE. John Long also sends emails from this address on personal matters and in respect of other companies. If you are not the intended recipient please accept that you have received this email in error and that any use, dissemination, forwarding, printing or copying of this email is strictly prohibited. John Long Planning is a trading name of John Long Planning Ltd. John Long Planning Ltd is a company registered in England and Wales with company number 11569836. VAT No: 277458849.

Technical Note - Access

Project: Egton

March 2023

NYMNPA

07/03/2023



INTRODUCTION

Via Solutions has been appointed to assess the proposed access to a potential residential development site in the centre of the settlement of Egton in North Yorkshire.

A planning application has been submitted for a single residential unit on the site served by an existing access track on to the public highway. North Yorkshire County Council as highway authority has expressed concerns over the level of visibility afforded to the access track in the south easterly direction (to the left for the driver of an emerging vehicle).

EXISTING HIGHWAY NETWORK

The High Street which passes through the centre of the settlement is a north - south route and serves a number of premises including two public houses. The road from Grosmont which lies to the east of Egton joins High Street by forming a Y shaped arrangement with several buildings situated on the "island" within the Y.

The access track serving the development joins on to the northern arm of the Y from the north at a slight angle. Whilst the carriageways on the High Street and the road from Grosmont forming the stem of Y junction are of reasonable width to allow the two way passage of vehicles, the two arms of the Y do narrow considerably, the northern one in particular reducing to about 3.6m a few metres to the south east of the location where the access track from the proposed development joins it.

The guidance within Manual for Streets indicates that at widths less than 4.1m, two cars would be unable to pass each other without having to mount the kerbing to one side or the other or having to reverse to allow the other to pass.



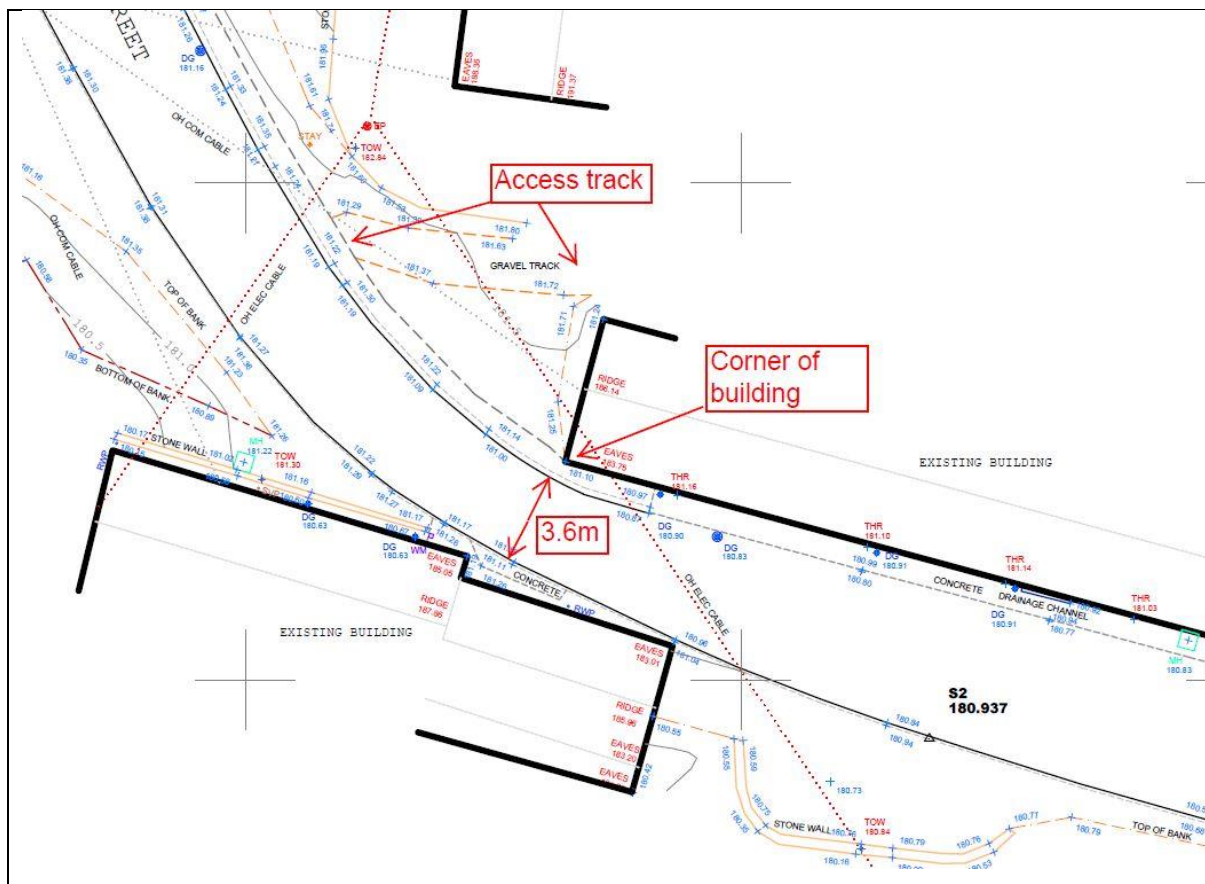
Technical Note - Access

Project: Egton

March 2023



According to the topographic survey commissioned by our client, the available visibility at the site access track is about 2 x 15.2m if measured to the kerb line although in practice, vehicles are likely to be offset from that particularly where there are buildings close to the highway edge as in this instance. It should be further noted that the forward visibility around the inside of the slight curve in this section of road is also cut off by the corner of the building to the south east of the access track.



Technical Note - Access

Project: Egton

March 2023



TRAFFIC / SPEED SURVEY

An independent automatic traffic volume and speed survey has been carried out in February 2023 with the recording equipment located as close as possible to the pinch point at the corner of the adjacent building. The results are attached to this report and in summary show that traffic volumes along this section are very low (about 540 movements per day and peak flows of about 67 movements per hour or around one vehicle every minute).

Vehicle speeds are also shown to be low with the 85th percentile speeds being 20.3mph and 19.7mph in the southeast bound and northwest bound directions respectively.

DEVELOPMENT PROPOSALS

Whilst the above speed figures do not represent any significant safety concerns, these coupled with the limited width of the carriageway and forward visibility around the curve in the road are considered in need of being addressed as part of the development proposals.

A scheme has been prepared as shown on drawing 2202701 Rev A attached to this report which shows how the carriageway width can be narrowed further (to 3.2m) and a priority system introduced. The scheme would have the following benefits:

- 1 The narrower carriageway width plus the sign poles would reinforce the one way working arrangement that presently exists and deter / prevent over running of adjacent kerbing / pedestrian areas.
- 2 The forward visibility around the bend in the road would be improved by pushing southeast bound traffic away from the corner of the building.
- 3 The northwest bound traffic speeds are likely to be reduced by the narrowing / priority system by up to 5 mph.
- 4 Local concerns about vehicle speeds in Egton would be addressed in part.
- 5 The available visibility at the existing access track to be used by the development would be improved to 2 x 18m.



Technical Note - Access

Project: Egton

March 2023



SUMMARY AND CONCLUSION

The proposed road narrowing / priority system offers significant benefits to the existing situation on the section of road within Egton by reinforcing an existing one way working situation, improving forward visibility on a bend and reducing vehicle speeds.

It is concluded that the proposals with the installation of the suggested mitigation (priority system), offer reasonable betterment of the situation whilst allowing a safe means of access to the proposed development to be provided, and so adequately demonstrates that the proposal would not harm highway safety and is therefore in accordance with Policy CO2 of the NYMNP Local Plan and the NPPF (paras. 110 and 111).

Author:	Eric Appleton
Signature:	
Date:	06 / 03 / 2023
File Ref:	221027 – Egton Access Tech Note
This report is the copyright of the authors Via Solutions Ltd to whom all requests for the use or copying of its content should be directed. Technical Note limitation - Via Solutions cannot be held responsible for the accuracy of third-party information used within this report. Unless stated in the report, such third-party information has not been verified	

4

Attachments

1 – Speed Survey

2 - Drawing 2202701 Rev A



LOCATION OF AUTOMATIC TRAFFIC / SPEED SURVEY CLOSE TO PINCH POINT / CORNER OF BUILDING



Egton ATC

Produced by Road Data Services Ltd.

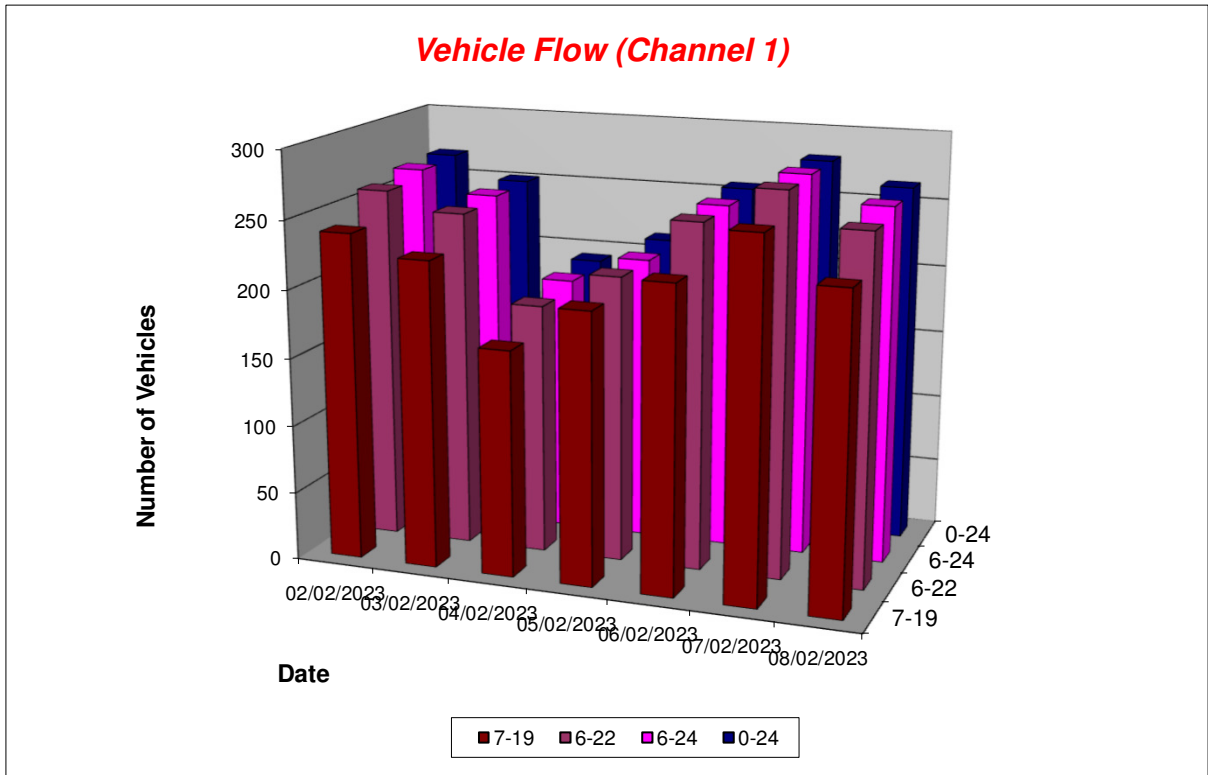
Channel 1 - Southeastbound

Vehicle Flow

Week 1

Hr Ending	02/02/2023 Thursday	03/02/2023 Friday	04/02/2023 Saturday	05/02/2023 Sunday	06/02/2023 Monday	07/02/2023 Tuesday	08/02/2023 Wednesday	Weekday Average	Average
1	0	0	1	2	0	0	0	0	0
2	0	1	1	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	1	0	0	0	0	0	0
6	2	0	0	1	2	0	3	1	1
7	8	9	2	0	10	6	8	8	6
8	20	16	3	4	16	21	21	19	14
9	19	15	13	3	17	25	27	21	17
10	23	23	11	23	17	21	22	21	20
11	21	22	16	10	21	22	15	20	18
12	16	20	34	25	22	17	16	18	21
13	24	24	18	21	24	29	15	23	22
14	23	18	17	22	18	22	16	19	19
15	17	15	13	23	21	21	17	18	18
16	21	16	10	26	28	31	31	25	23
17	24	24	13	25	14	22	17	20	20
18	21	17	15	11	17	19	23	19	18
19	11	15	3	6	8	11	9	11	9
20	1	5	3	5	7	3	7	5	4
21	6	4	7	4	2	4	3	4	4
22	5	4	6	2	11	5	8	7	6
23	4	0	3	0	0	1	1	1	1
24	2	3	3	0	1	0	5	2	2

7-19	240	225	166	199	223	261	229	236	220
6-22	260	247	184	210	253	279	255	259	241
6-24	266	250	190	210	254	280	261	262	244
0-24	268	251	193	213	256	280	264	264	246



Egton ATC

Produced by Road Data Services Ltd.

Channel 1 - Southeastbound

Average Speed

Week 1

Hr Ending	02/02/2023 Thursday	03/02/2023 Friday	04/02/2023 Saturday	05/02/2023 Sunday	06/02/2023 Monday	07/02/2023 Tuesday	08/02/2023 Wednesday
1	-	-	21.9	15.4	-	-	-
2	-	13.0	16.4	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	22.0	-	-	-	-
6	23.5	-	-	23.9	22.0	-	18.2
7	19.7	19.7	20.3	-	18.7	19.5	19.8
8	17.4	17.4	22.5	21.7	17.9	14.8	19.0
9	15.7	16.6	17.3	13.3	16.3	16.3	15.9
10	15.0	17.9	16.4	16.4	16.6	15.6	16.3
11	14.9	16.1	15.8	15.4	17.3	15.9	15.2
12	15.8	15.9	15.6	17.2	16.2	16.1	15.5
13	15.8	14.8	14.0	15.2	16.2	15.5	17.3
14	14.3	13.2	16.5	16.2	16.5	17.5	15.9
15	14.3	14.4	17.0	14.9	16.1	17.3	15.3
16	17.3	15.0	15.3	16.6	15.2	14.8	16.2
17	15.6	13.9	15.6	15.6	14.0	17.1	15.5
18	17.5	17.1	16.6	18.4	17.4	16.9	16.8
19	18.0	17.6	16.1	17.8	18.4	19.0	18.1
20	19.1	14.7	18.1	20.9	18.5	18.9	16.9
21	20.5	14.1	19.6	16.4	18.2	17.2	17.9
22	20.8	18.3	18.1	15.4	18.5	16.7	19.0
23	17.5	-	18.2	-	-	16.2	22.4
24	16.9	16.5	22.5	-	27.1	-	18.8

10-12	15.3	16.0	15.7	16.7	16.7	16.0	15.4
14-16	16.0	14.7	16.3	15.8	15.6	15.8	15.9
0-24	16.3	15.9	16.5	16.4	16.7	16.3	16.7

Average (ALL)	16.4
Weekday Inter-Peak	15.8

Channel 1 - Southeastbound

85th Percentile

Hr Ending	02/02/2023 Thursday	03/02/2023 Friday	04/02/2023 Saturday	05/02/2023 Sunday	06/02/2023 Monday	07/02/2023 Tuesday	08/02/2023 Wednesday
1	-	-	-	18.0	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	24.2	-	-	-	22.9	-	19.1
7	23.7	22.1	20.4	-	22.3	21.4	23.6
8	21.6	20.0	24.4	25.0	21.8	18.9	22.9
9	19.4	21.1	20.0	16.7	19.3	19.4	18.6
10	17.7	21.1	21.3	19.6	21.1	18.6	19.3
11	17.4	18.3	20.0	20.4	20.0	19.6	19.1
12	19.7	19.2	19.1	20.3	19.8	19.6	18.7
13	20.2	19.8	17.4	18.8	19.2	18.7	21.2
14	17.6	17.6	21.0	19.4	21.3	20.6	18.9
15	17.0	19.2	20.4	17.5	19.3	20.2	19.4
16	20.2	18.2	18.3	20.4	18.8	18.3	20.2
17	19.7	17.9	19.6	18.8	17.6	20.4	18.8
18	21.2	19.6	21.1	22.9	21.3	19.1	21.1
19	21.2	21.9	16.4	20.3	21.6	24.1	22.8
20	-	19.7	19.4	22.9	23.1	22.0	22.0
21	22.8	18.3	24.1	19.4	19.5	19.1	20.6
22	25.0	21.7	20.3	17.6	22.0	18.6	22.5
23	19.8	-	21.4	-	-	-	-
24	18.2	16.9	23.3	-	-	-	20.9

10-12	18.5	18.8	19.4	20.5	19.9	19.6	18.9
14-16	19.2	18.8	19.6	19.2	19.1	19.3	19.9
0-24	20.2	20.0	20.6	20.1	20.6	19.8	20.6

85th %ile (ALL)	20.3
Weekday Inter-Peak	19.3

Egton ATC

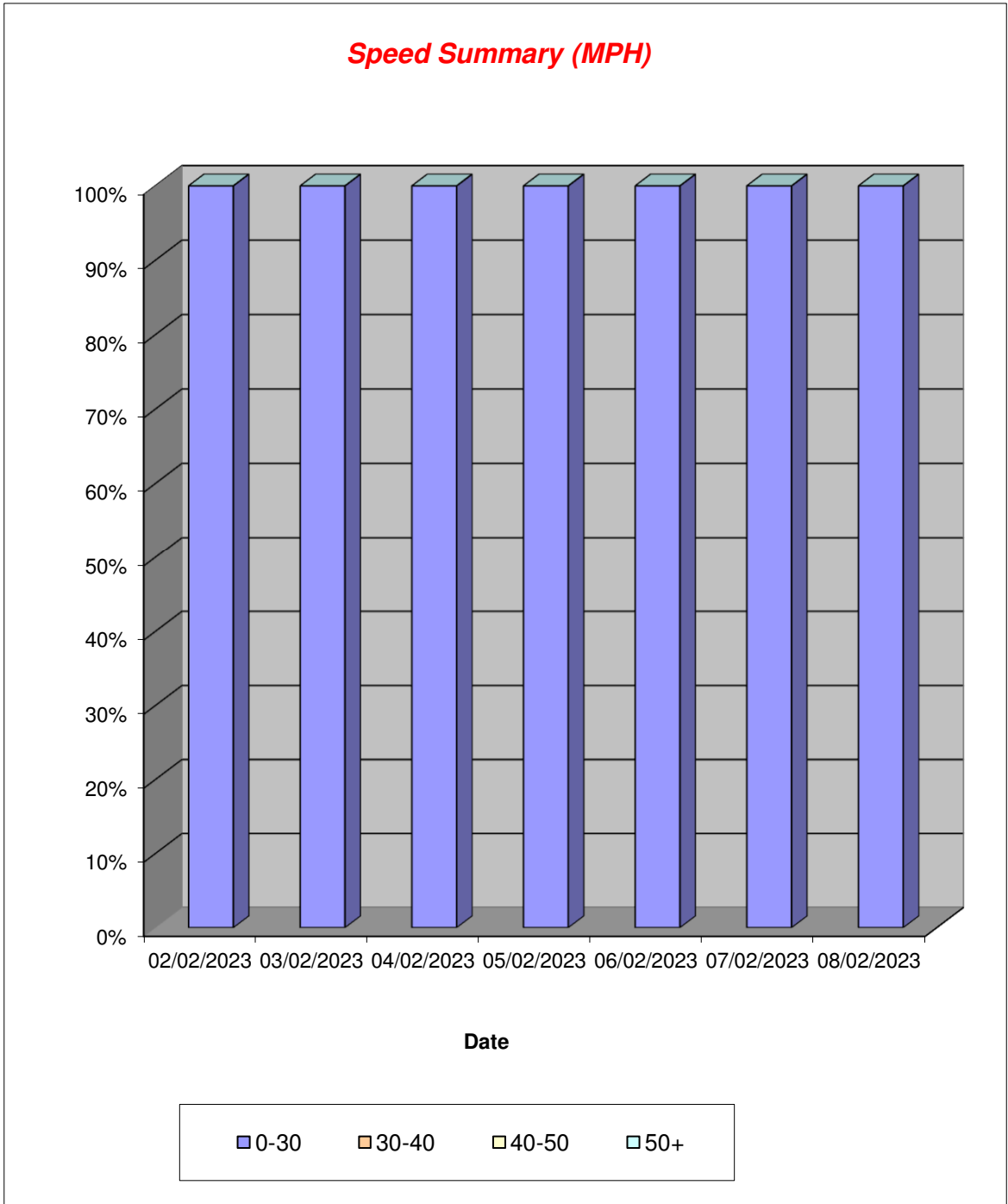
Produced by Road Data Services Ltd.

Channel 1 - Southeastbound

Speed Summary

Week 1

Speed (MPH)	02/02/2023 Thursday	03/02/2023 Friday	04/02/2023 Saturday	05/02/2023 Sunday	06/02/2023 Monday	07/02/2023 Tuesday	08/02/2023 Wednesday
0-30	268	251	193	213	256	280	264
30-40	0	0	0	0	0	0	0
40-50	0	0	0	0	0	0	0
50+	0	0	0	0	0	0	0
TOTAL	268	251	193	213	256	280	264



Egton ATC

Produced by Road Data Services Ltd.

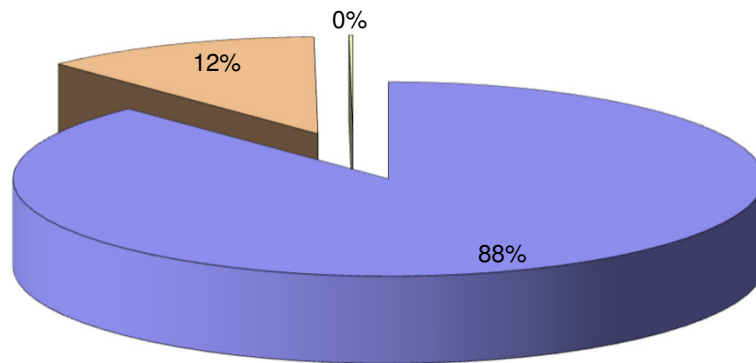
Channel 1 - Southeastbound

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
02/02/2023				
7-19	202	38	0	240
6-22	220	40	0	260
6-24	226	40	0	266
0-24	228	40	0	268
03/02/2023				
7-19	202	23	0	225
6-22	221	26	0	247
6-24	224	26	0	250
0-24	225	26	0	251
04/02/2023				
7-19	153	11	2	166
6-22	168	14	2	184
6-24	173	15	2	190
0-24	176	15	2	193
05/02/2023				
7-19	181	18	0	199
6-22	191	19	0	210
6-24	191	19	0	210
0-24	194	19	0	213
06/02/2023				
7-19	185	37	1	223
6-22	211	41	1	253
6-24	212	41	1	254
0-24	213	42	1	256
07/02/2023				
7-19	234	27	0	261
6-22	251	28	0	279
6-24	251	29	0	280
0-24	251	29	0	280
08/02/2023				
7-19	196	33	0	229
6-22	221	34	0	255
6-24	225	36	0	261
0-24	228	36	0	264
Average				
7-19	193	27	0	220
6-22	212	29	0	241
6-24	215	29	0	244
0-24	216	30	0	246

Total Vehicle Class Distribution



Egton ATC

Produced by Road Data Services Ltd.

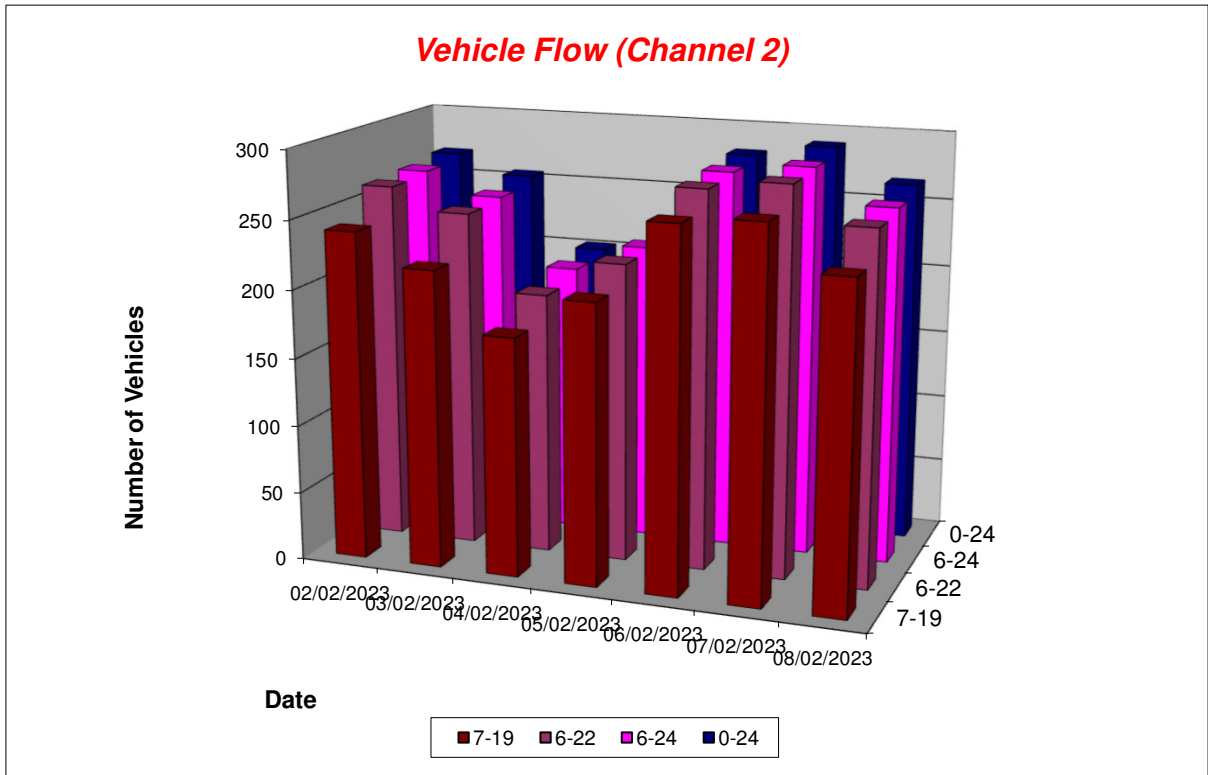
Channel 2 - Northwestbound

Vehicle Flow

Week 1

Hr Ending	02/02/2023 Thursday	03/02/2023 Friday	04/02/2023 Saturday	05/02/2023 Sunday	06/02/2023 Monday	07/02/2023 Tuesday	08/02/2023 Wednesday	Weekday Average	Average
1	0	0	0	0	0	0	0	0	0
2	1	0	1	0	0	0	0	0	0
3	0	0	1	0	0	0	0	0	0
4	0	2	0	0	0	0	0	0	0
5	0	3	1	2	3	4	5	3	3
6	3	1	0	0	0	1	1	1	1
7	7	3	2	5	6	3	6	5	5
8	9	14	2	3	9	15	7	11	8
9	22	12	9	7	20	23	16	19	16
10	21	16	21	12	16	14	20	17	17
11	15	19	11	16	21	26	21	20	18
12	11	17	16	12	14	22	15	16	15
13	16	27	23	19	29	23	3	20	20
14	30	15	22	28	25	16	17	21	22
15	20	15	21	26	18	26	22	20	21
16	31	35	22	28	35	33	44	36	33
17	41	24	10	35	38	37	31	34	31
18	16	16	11	15	27	23	32	23	20
19	9	8	7	4	11	10	8	9	8
20	6	8	9	5	4	6	11	7	7
21	8	13	2	4	2	3	2	6	5
22	1	5	4	0	1	3	2	2	2
23	0	1	2	0	1	1	2	1	1
24	2	1	5	0	1	1	1	1	2

7-19	241	218	175	205	263	268	236	245	229
6-22	263	247	192	219	276	283	257	265	248
6-24	265	249	199	219	278	285	260	267	251
0-24	269	255	202	221	281	290	266	272	255



Egton ATC

Produced by Road Data Services Ltd.

Channel 2 - Northwestbound

Average Speed

Week 1

Hr Ending	02/02/2023 Thursday	03/02/2023 Friday	04/02/2023 Saturday	05/02/2023 Sunday	06/02/2023 Monday	07/02/2023 Tuesday	08/02/2023 Wednesday
1	-	-	-	-	-	-	-
2	23.8	-	23.5	-	-	-	-
3	-	-	15.1	-	-	-	-
4	-	24.0	-	-	-	-	-
5	-	18.2	23.6	16.8	22.6	17.0	18.6
6	24.9	20.3	-	-	-	18.2	16.8
7	17.9	17.3	18.6	18.7	19.8	16.2	18.1
8	16.1	18.0	19.6	18.5	19.3	17.8	20.5
9	13.4	16.3	16.5	17.2	17.4	16.0	17.2
10	14.9	14.0	14.8	17.8	15.5	15.8	15.9
11	16.3	15.2	14.7	16.2	17.3	16.2	15.4
12	16.2	16.0	12.9	12.5	16.0	15.9	16.9
13	14.1	15.8	15.0	15.7	16.0	16.8	19.0
14	14.5	13.5	18.2	16.7	16.4	15.3	17.2
15	14.0	17.2	14.5	15.9	15.5	14.8	16.4
16	16.2	14.7	16.2	15.8	15.2	16.1	16.3
17	15.7	15.4	17.5	15.1	15.8	13.9	16.6
18	19.8	15.9	22.7	15.8	16.8	17.7	17.2
19	17.6	16.9	19.4	15.9	18.5	17.3	18.5
20	16.5	16.2	16.5	17.4	22.8	15.9	17.2
21	15.6	18.2	18.5	20.5	16.1	15.1	22.1
22	14.0	16.7	15.2	-	18.5	15.2	19.2
23	-	18.5	17.8	-	13.4	22.7	26.5
24	13.4	21.4	21.5	-	23.2	15.8	14.9

10-12	16.2	15.6	13.7	14.6	16.8	16.1	16.0
14-16	15.3	15.4	15.4	15.8	15.3	15.5	16.3
0-24	15.7	15.9	16.4	16.0	16.6	15.9	17.0

Average (ALL)	16.2
Weekday Inter-Peak	15.8

Channel 2 - Northwestbound

85th Percentile

Hr Ending	02/02/2023 Thursday	03/02/2023 Friday	04/02/2023 Saturday	05/02/2023 Sunday	06/02/2023 Monday	07/02/2023 Tuesday	08/02/2023 Wednesday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	24.1	-	-	-	-	-
5	-	21.1	-	23.5	24.2	18.6	22.5
6	27.2	-	-	-	-	-	-
7	20.2	19.0	21.6	20.9	23.3	17.3	20.6
8	19.3	20.7	23.9	18.6	21.7	19.7	23.2
9	16.0	20.2	19.5	20.1	20.3	19.3	20.5
10	18.0	15.6	18.2	20.3	19.3	19.6	19.8
11	19.2	18.5	20.0	18.6	20.3	19.0	18.7
12	19.2	18.4	15.5	13.9	18.7	18.9	19.2
13	17.1	19.1	18.2	19.2	19.1	19.8	23.4
14	17.8	17.1	20.3	19.3	19.7	20.2	19.9
15	17.7	20.5	17.4	19.3	18.3	17.9	19.4
16	20.3	18.4	18.7	18.4	19.4	19.3	19.8
17	19.3	18.7	20.9	17.9	18.9	17.1	20.0
18	23.0	20.0	24.7	18.8	19.5	20.1	20.1
19	19.0	20.6	22.3	18.3	20.7	19.1	21.1
20	18.3	18.6	17.6	18.9	24.0	18.8	19.9
21	18.6	20.4	22.0	22.0	16.4	16.7	26.5
22	-	20.0	18.0	-	-	16.7	19.7
23	-	-	19.0	-	-	-	27.2
24	16.5	-	24.2	-	-	-	-

10-12	19.1	18.5	17.7	17.3	19.7	19.0	19.0
14-16	19.4	19.1	18.2	18.8	19.1	18.7	19.7
0-24	19.5	19.4	20.3	19.1	20.1	19.2	20.5

85th %ile (ALL)	19.7
Weekday Inter-Peak	19.2

Egton ATC

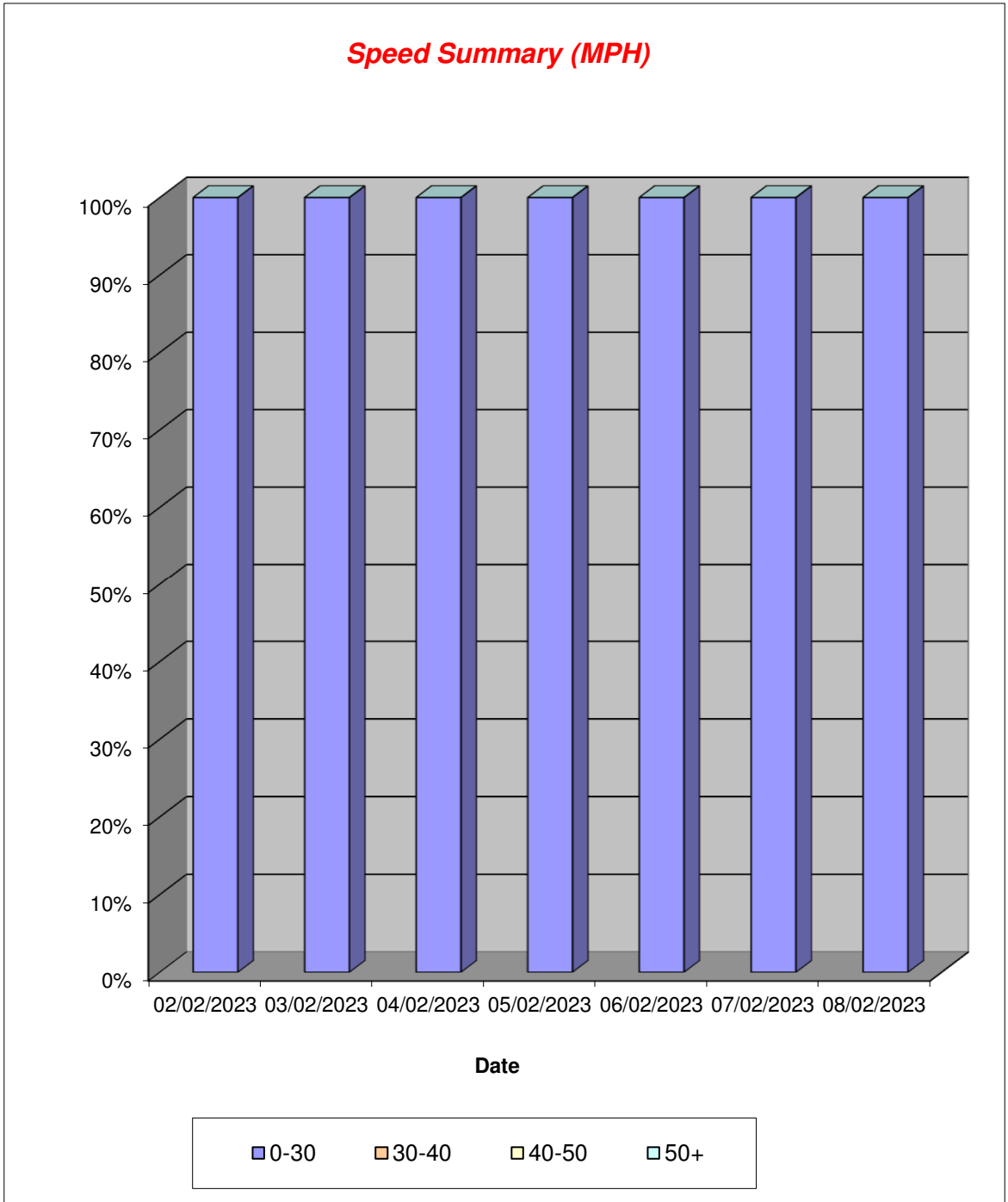
Produced by Road Data Services Ltd.

Channel 2 - Northwestbound

Speed Summary

Week 1

Speed (MPH)	02/02/2023 Thursday	03/02/2023 Friday	04/02/2023 Saturday	05/02/2023 Sunday	06/02/2023 Monday	07/02/2023 Tuesday	08/02/2023 Wednesday
0-30	269	255	202	221	281	290	266
30-40	0	0	0	0	0	0	0
40-50	0	0	0	0	0	0	0
50+	0	0	0	0	0	0	0
TOTAL	269	255	202	221	281	290	266



Egton ATC

Produced by Road Data Services Ltd.

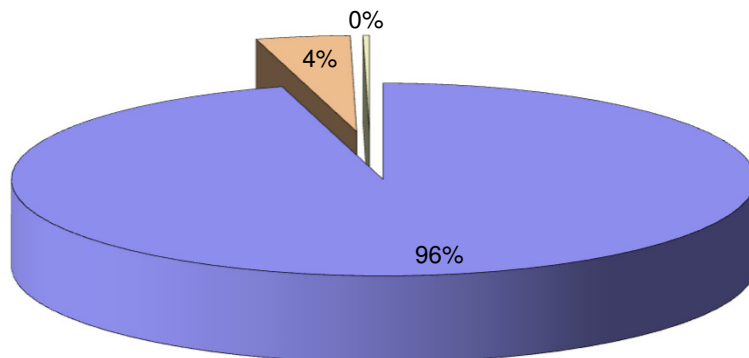
Channel 2 - Northwestbound

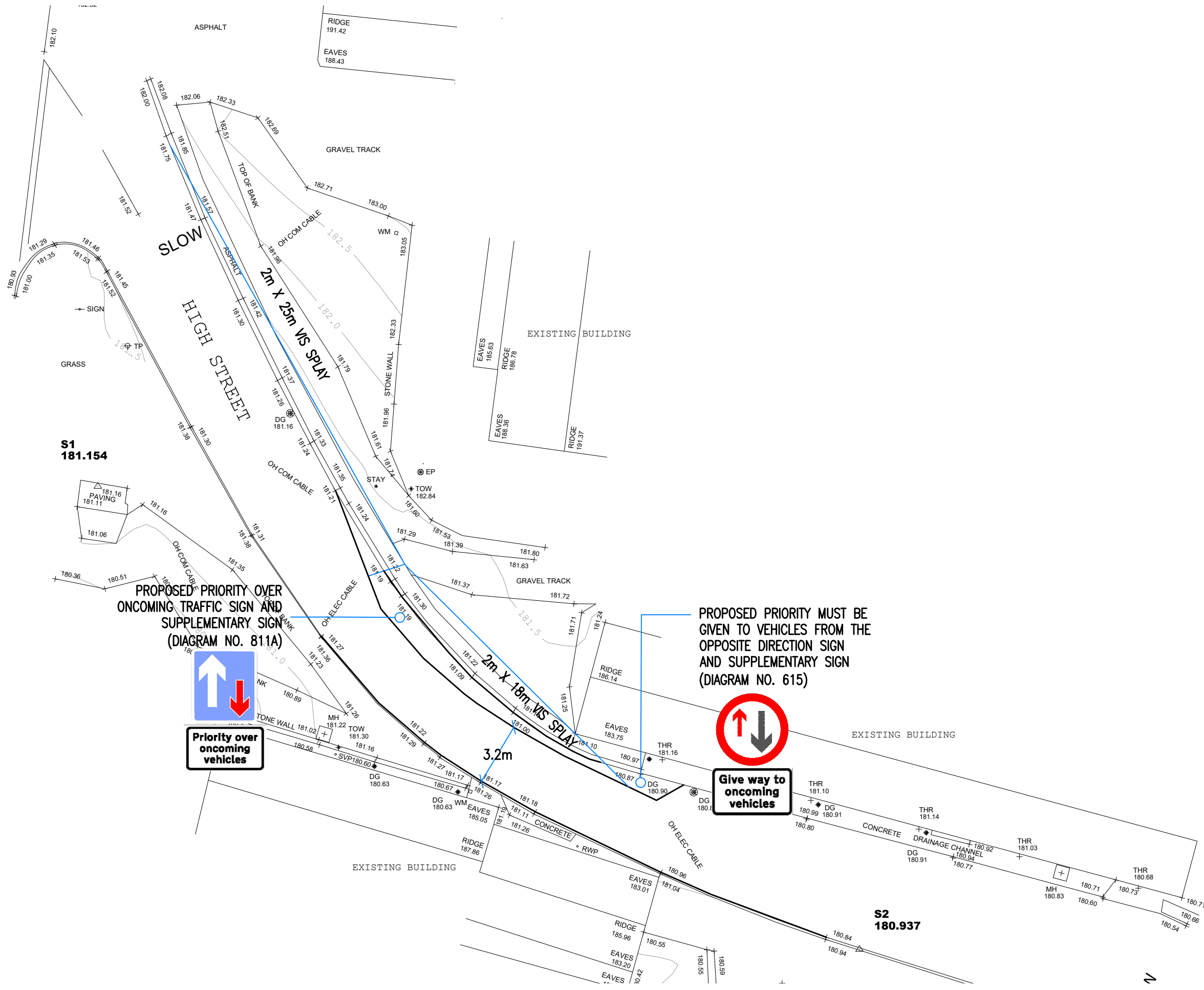
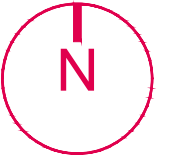
Vehicle Class

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
02/02/2023				
7-19	232	9	0	241
6-22	253	10	0	263
6-24	255	10	0	265
0-24	259	10	0	269
03/02/2023				
7-19	212	6	0	218
6-22	241	6	0	247
6-24	243	6	0	249
0-24	249	6	0	255
04/02/2023				
7-19	173	1	1	175
6-22	190	1	1	192
6-24	197	1	1	199
0-24	199	2	1	202
05/02/2023				
7-19	197	6	2	205
6-22	210	7	2	219
6-24	210	7	2	219
0-24	211	8	2	221
06/02/2023				
7-19	238	25	0	263
6-22	249	27	0	276
6-24	251	27	0	278
0-24	253	28	0	281
07/02/2023				
7-19	258	9	1	268
6-22	273	9	1	283
6-24	275	9	1	285
0-24	279	10	1	290
08/02/2023				
7-19	227	8	1	236
6-22	248	8	1	257
6-24	251	8	1	260
0-24	256	9	1	266
Average				
7-19	220	9	1	229
6-22	238	10	1	248
6-24	240	10	1	251
0-24	244	10	1	255

Total Vehicle Class Distribution





NOTES

1. THIS DRAWING SHOWS THE PRELIMINARY LAYOUT ONLY (NOT TO BE USED FOR CONSTRUCTION) AND IS SUBJECT TO DETAILED DESIGN, FULL CDM COMPLIANCE, STATUTORY UNDERTAKERS SEARCH/DIVERSION REQUIREMENTS, HIGHWAY DRAINAGE PROVISION, LAND OWNERSHIP AND LOCAL AUTHORITY APPROVAL.

VIASOLUTIONS
 THE OLD COACH HOUSE
 1 CAMPBELL STREET
 PUDSEY
 LS28 6DP
 tel: 0113 3453957
 email: highwaymen@viasolutions.co.uk

EXISTING SITE ACCESS
HIGH STREET, EGTON
VISIBILITY ASSESSMENT

SCALE: 1:200 @A3
DATE: FEBRUARY 2023
DRAWING NO: 2202701 REV. A