



Tim Speed Consulting

Mr K Doonan  
Doonan Architects  
16 Hallstile Bank  
Hexham  
NE46 3PQ

22<sup>nd</sup> April 2021

Our ref: TSC565

Dear Mr Doonan,

Dairy House, Steel

A 14-day pneumatic tubes ATC speed survey was undertaken from 0000 on Wednesday 27<sup>th</sup> January to 2400 on Tuesday 9<sup>th</sup> February 2021 at the location of the field gate immediately to the northwest of the stone wall which encloses Dairy House. Snow fell on Sunday 7<sup>th</sup> February and could possibly have affected vehicle speeds for three days but close examination of the ATC data shows that vehicle speeds did not vary during that period from the previous recorded speeds. The ATC data is attached.

The 85<sup>th</sup> percentile southbound speed was 24.1mph requiring a visibility splay of 2.4m x 32m to the north. The 85<sup>th</sup> percentile westbound speed was 24.4mph requiring a visibility splay of 2.4m x 32m to the east.

Yours sincerely



Tim Speed

Senior Partner

Encl

Site No: 02 Site Reference: 02101601  
 Unclassified Road Rd Whitney Chapel  
 Speed Sum From 27/0 Channel: South Bound

Time	Total	85th	Mean	Std.	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12	Bin 13
Begin	Vol.	%ile	Ave.	Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	=>61
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	23.5	-	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	-	23.5	-	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	-	21.2	-	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	-	16.1	-	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	2	-	18.1	-	0	0	0	1	0	0	0	0	0	0	0	0	0
08:00	7	-	20	3.8	0	0	0	4	2	0	0	0	0	0	0	0	0
09:00	5	-	18.7	4.5	0	0	1	1	2	0	0	0	0	0	0	0	0
10:00	6	-	20	4.1	0	0	0	3	2	0	0	0	0	0	0	0	0
11:00	6	-	20.1	4.1	0	0	0	3	3	0	0	0	0	0	0	0	0
12:00	7	-	20.7	3.1	0	0	0	3	3	0	0	0	0	0	0	0	0
13:00	7	-	20.3	4	0	0	0	3	2	0	0	0	0	0	0	0	0
14:00	8	-	20	4	0	0	0	4	3	0	0	0	0	0	0	0	0
15:00	8	-	20.2	3.8	0	0	0	4	4	0	0	0	0	0	0	0	0
16:00	8	-	19.3	4	0	0	0	4	4	0	0	0	0	0	0	0	0
17:00	4	-	19.7	3.6	0	0	0	2	1	0	0	0	0	0	0	0	0
18:00	3	-	22	3.2	0	0	0	0	1	0	0	0	0	0	0	0	0
19:00	1	-	21.6	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	-	19.3	-	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	-	21.2	-	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	-	21.1	-	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0

12H,7-19	71	24.1	20.5	3	0	0	1	34	26	0	0	0	0	0	0	0	0
16H,6-22	73	24.1	20.5	3	0	0	1	34	26	0	0	0	0	0	0	0	0
18H,6-24	73	24.1	20.5	3	0	0	1	34	26	0	0	0	0	0	0	0	0
24H,0-24	73	24.1	20.5	3	0	0	1	34	26	0	0	0	0	0	0	0	0

Am	08:00	-	-	-	09:00	11:00	09:00	08:00	10:15	08:00	08:00	-	-	-	-	-	-
Peak	7	-	-	-	0	0	1	4	2	0	0	-	-	-	-	-	-
Pm	15:00	-	-	-	16:00	13:45	13:45	15:00	13:45	14:30	-	-	-	-	-	-	-
Peak	8	-	-	-	0	0	1	4	3	1	-	-	-	-	-	-	-

Collated fr:

Created at 16:22:06 on 11 Feb 2021

Site No: 02 Site Reference: 02101601  
 Unclassified Road Rd Whitney Chapel  
 Speed Sum From 27/0 Channel: North Bound

Time	Total	85th	Mean	Std.	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12	Bin 13
Begin	Vol.	%ile	Ave.	Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	=>61
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	23.5	-	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	-	22.3	-	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	3	-	21.3	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	7	-	20.1	3.1	0	0	0	4	3	0	0	0	0	0	0	0	0
09:00	5	-	20.8	4.6	0	0	0	2	4	0	0	0	0	0	0	0	0
10:00	7	-	19.8	3.2	0	0	0	4	3	0	0	0	0	0	0	0	0
11:00	5	-	20.6	4.5	0	0	0	2	2	0	0	0	0	0	0	0	0
12:00	6	-	20.7	5.4	0	0	0	1	3	0	0	0	0	0	0	0	0
13:00	7	-	21.2	5	0	0	0	3	4	0	0	0	0	0	0	0	0
14:00	6	-	20.8	3.1	0	0	0	3	2	0	0	0	0	0	0	0	0
15:00	9	-	20.2	3.8	0	0	0	4	4	0	0	0	0	0	0	0	0
16:00	8	-	20.6	4.1	0	0	0	3	2	0	0	0	0	0	0	0	0
17:00	6	-	20.1	4.4	0	0	0	2	2	0	0	0	0	0	0	0	0
18:00	3	-	21.7	3.7	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	-	23.8	-	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	-	23.5	-	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	-	21.4	-	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	-	28.5	-	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	-	31	-	0	0	0	0	0	0	0	0	0	0	0	0	0

12H,7-19	72	24.4	21	2.9	0	0	0	28	29	0	0	0	0	0	0	0	0
16H,6-22	73	24.4	21	2.9	0	0	0	28	29	0	0	0	0	0	0	0	0
18H,6-24	73	24.4	21	2.9	0	0	0	28	29	0	0	0	0	0	0	0	0
24H,0-24	73	24.4	21	2.9	0	0	0	28	29	0	0	0	0	0	0	0	0

Am	08:30	-	-	-	09:00	10:30	08:15	08:15	10:15	08:45	-	07:30	-	-	-	-	-
Peak	7	-	-	-	0	0	1	3	2	1	-	0	-	-	-	-	-
Pm	15:00	-	-	-	16:15	12:45	15:00	14:30	13:30	12:15	22:45	-	-	-	-	-	-
Peak	8	-	-	-	0	0	1	4	4	1	0	-	-	-	-	-	-

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