

Our Ref: 784-B030858

Date: 29 July 2021

Mr S Blacker
SRE Associates

By email

Dear Simon

BELVEDERE, CLEATOR MOOR – ACCESS APPRAISAL

As requested, we have undertaken the necessary work to provide advice on access to your client's property at Belvedere, Wath Brow, Cleator Moor. The proposal is to construct one additional dwelling house in the grounds of the existing farm, utilising an existing access close to a bend on the C4017. An application was submitted (ref number 4/21/2202/001) to the LPA which received a no objection response from Cumbria Highways. The consultation response noted that the existing access would need to be widened to at least 4.1m for the first 10m so that two cars can pass without either having to wait on the public highway. It is noted that no visibility splays were provided with the application, therefore 215m has been requested as the C4017 is a national speed limit road. There is a condition included in the permission which states:

“The development shall not commence until visibility splays providing clear visibility of 215 metres measured 2.4 metres down the centre of the access road and the nearside channel line of the carriageway edge have been provided at the junction of the access road with the county highway.”

Due to the width and alignment of the road, the presence of a footway, and the location of the access close to a bend drivers proceed at speeds considerably lower than the national speed limit, therefore 215m visibility splays are not appropriate. A speed survey has been undertaken and this letter summarises the results and calculates the visibility splays, thereby providing information to amend the condition.

The site is located to the east of Cleator Moor village, as shown in Extract 1 below.



Extract 1: Google Maps – Site Location

The site has an existing access from the C4017, as shown in Extract 2 below. The C4017 runs east from a priority junction with the A5086 Trumpet Road in Cleator Moor. It serves some residential properties, a number of farms and a few rural lanes, it also provides a connection to the nearby village of Ennerdale Bridge. In the vicinity of the site it is approx. 5.5m wide with a 1.8m footway on the southern side.



Extract 2: Google Streetview – Existing Access

A traffic survey was undertaken at the access by Traffic Sense Ltd. An Automatic Traffic Counter (ATC) was installed and recorded a full week of data between 20th and 26th July 2021, inclusive of both. The full ATC report is attached. The ATC recorded average 24-hour 85th percentile speeds of:

- 32mph westbound (travelling uphill)
- 31mph eastbound (travelling downhill)

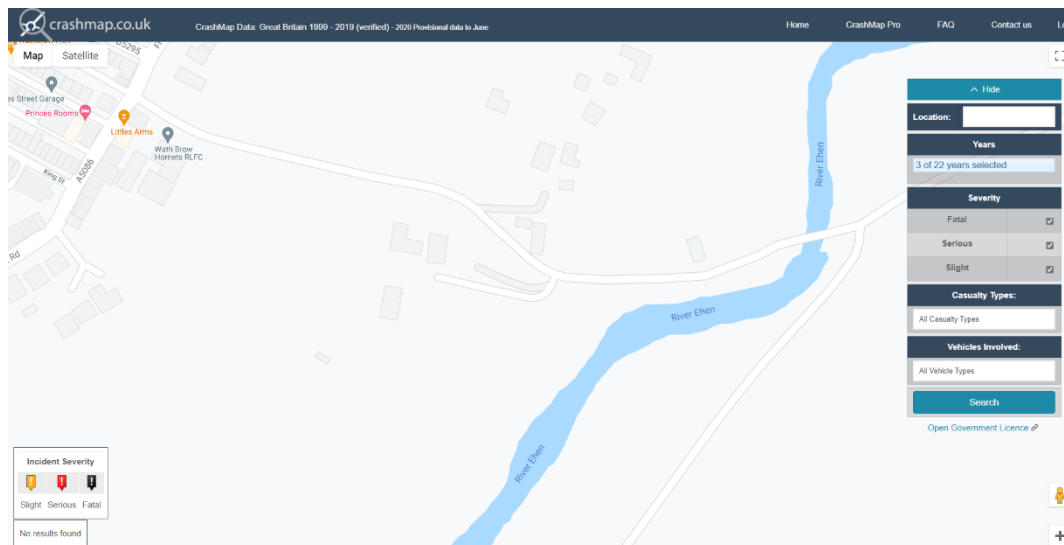
As the 85th percentile speeds are below 37mph, Manual for Streets has been used for determining the recommended visibility splays. There is an approx. 7% gradient on the road, this has been taken into account in the calculations. From a 2.4m set-back distance, the recommended visibility splays are:

- 41.1m to the left (looking downhill)
- 46.2m to the right (looking uphill)

Traffic volumes were recorded, with an average daily of 1531 vehicles, and an average of 60 vehicles in the AM peak hours. Using TRICS, 1 dwelling house would be expected at most to generate 1 trip in each network peak hour. This increase is immaterial and can be easily accommodated on the local road network.

The MfS recommended visibility splays are deliverable at the existing access, from a 2.4m set-back distance, as shown on the attached Tetra Tech Drawing 784-B030858/C001. The splays can be delivered wholly within first party land with the removal/relocation of the current boundary treatments.

From a review of Crashmap, it can be seen that the area local to the site access has a very good safety record. There have been no personal injury accidents reported in the area in the most recent 3-year period available, 2018-2020 inclusive, as shown in Extract 3 below.



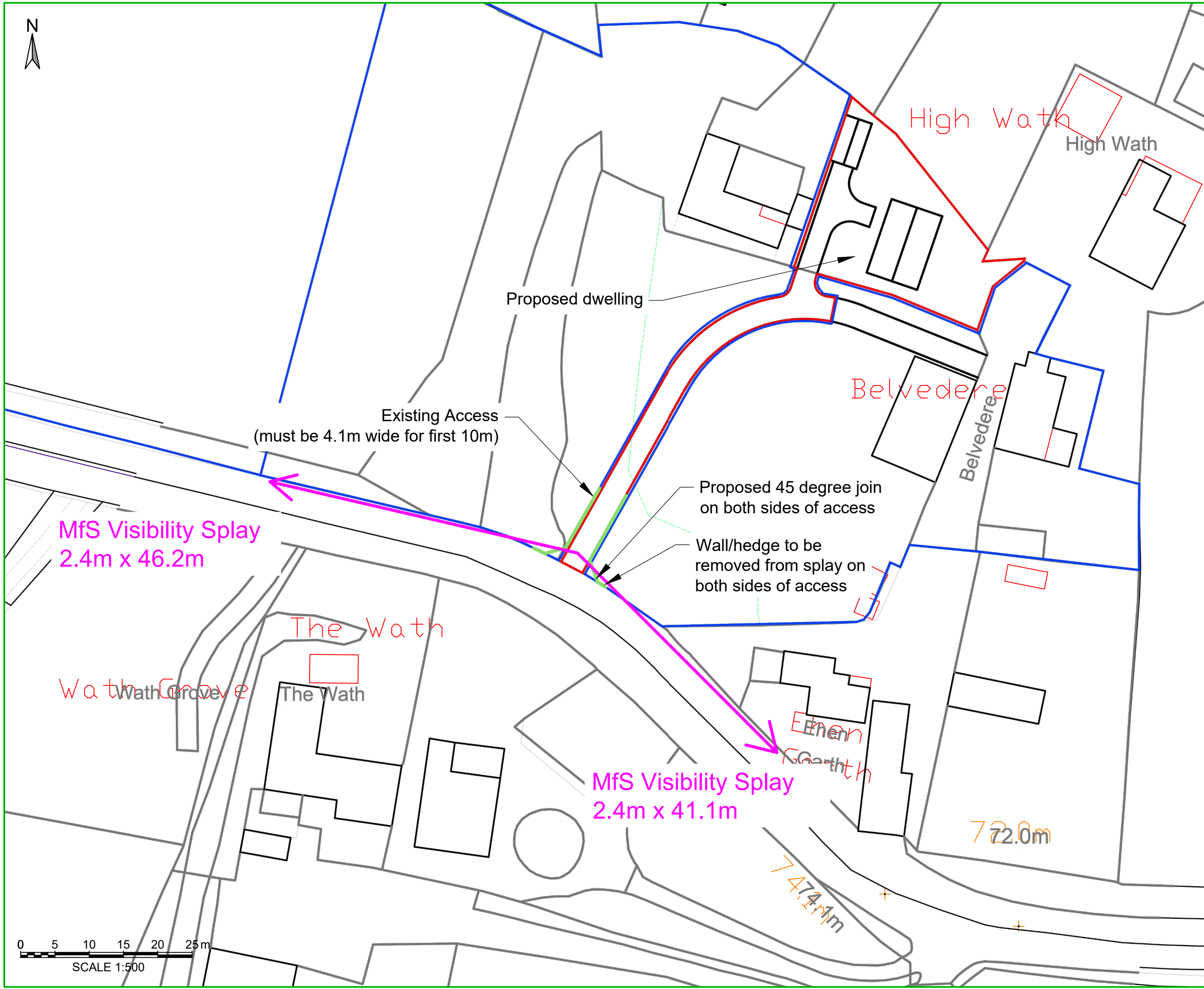
Extract 3: Crashmap – Reported Accidents

In conclusion, the appropriate MfS visibility splays for the recorded 85th percentile traffic speeds of 32mph and 31mph are calculated at 41.1m and 46.2m, taking account of the gradient. These can be provided from a 2.4m set-back distance within the first party land at the existing access; the planning condition should be amended accordingly. The existing access will be widened as per the consultation response.

Yours sincerely

Eleanor Bunn
Transport Planner
 For and on behalf of TetraTech Europe

Enc ATC results
 Tetra Tech Drawing 784-B030858/C001



- KEY**
- First Party Land
 - Red Line Boundary
 - Proposed Access Amendments
 - MfS Visibility Splays

Rev	Description	Date	Em	Chk	App
01	FIRST ISSUE	29.07.2021	EB	AA	NB

Issuing Office
Tetra Tech Cockerthorpe
Lakeland Business Park, Lamplugh Road,
Cockerthorpe, Cumbria, United Kingdom,
CA13 0QT
Tel: +44 (0)19 0089 8600
www.tetrateteurope.com



Client
SRE ASSOCIATES
MR G COAN

Project Name
PROPOSED RESIDENTIAL DWELLING
BELVEDERE
CLEATOR MOOR

Sheet Title
PROPOSED ACCESS ARRANGEMENTS
& VISIBILITY SPLAYS

TTE Project Number	Drawn By	Date	Checked By	Date	Approved By	Date	Scale @	Subsidiary
784-B030858	EB	Jul '21	AA	Jul '21	NB	Jul '21	A3 1:500	S0
Client Project Number	Originator	Volume/System	Level/Location	Type/Code	Role	Number	Revision	
- TTE	- 00	- XX	- DR	- O	- C001			

Automatic Classified Counts

LOCATION: CLEATOR														
Direction : WESTBOUND														
Tuesday 20/07/2021	VEHICLE CLASSIFICATION													TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	3	2	0	0	0	0	0	0	0	0	0	0	0	3
2	0	1	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	0	0	0	0	0	0	0	2
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	1	2	1	0	0	0	0	0	0	0	0	0	0	4
7	11	1	0	0	0	0	0	0	0	0	0	0	0	12
8	26	6	0	0	0	0	0	0	0	0	0	0	0	32
9	29	2	0	0	0	0	0	0	0	0	0	0	0	31
10	30	6	0	0	1	0	0	0	0	0	0	0	0	37
11	34	6	0	0	0	0	0	0	0	0	0	0	0	40
12	58	5	0	0	1	0	0	0	0	0	0	0	0	64
13	51	9	0	0	0	0	0	0	0	0	0	0	0	60
14	35	8	1	0	0	0	0	0	0	0	0	0	0	44
15	58	8	0	1	0	0	0	0	0	0	0	0	0	67
16	56	7	0	0	0	0	0	0	0	0	0	0	0	63
17	46	7	0	0	0	0	0	0	0	0	0	0	0	53
18	53	10	0	0	0	0	0	0	0	0	0	0	0	63
19	58	1	0	0	0	0	1	0	0	0	0	0	0	60
20	66	7	0	0	0	0	1	0	0	0	0	0	0	74
21	50	7	0	1	0	0	0	0	0	0	0	0	0	58
22	14	2	0	0	0	0	0	0	0	0	0	0	0	16
23	10	2	0	0	0	0	0	0	0	0	0	0	0	12
24	7	1	0	0	0	0	0	0	0	0	0	0	0	8
7-19	530	74	1	1	2	0	1	0	0	0	0	0	0	609
8-22	671	91	1	2	2	0	2	0	0	0	0	0	0	769
8-24	688	94	1	2	2	0	2	0	0	0	0	0	0	789
0-24	695	97	2	2	2	0	2	0	0	0	0	0	0	800

Direction : EASTBOUND														
Tuesday 20/07/2021	VEHICLE CLASSIFICATION													TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	1	0	0	0	0	0	0	2
6	1	2	0	0	0	0	0	0	0	0	0	0	0	3
7	13	2	0	0	0	0	0	0	0	0	0	0	0	15
8	17	4	2	0	0	0	0	0	0	0	0	0	0	23
9	25	0	0	0	1	0	0	0	0	0	0	0	0	26
10	38	7	0	0	0	0	0	0	0	0	0	0	0	45
11	40	1	0	0	0	0	0	0	0	0	0	0	0	41
12	46	11	0	0	0	0	0	0	1	0	0	0	0	58
13	56	6	0	0	0	0	0	0	0	0	0	0	0	62
14	41	4	0	0	0	0	0	0	0	0	0	0	0	47
15	41	7	0	0	0	0	0	0	0	0	0	0	0	51
16	48	5	0	0	0	0	0	0	0	0	0	0	0	53
17	60	7	0	0	0	0	0	0	0	0	0	0	0	67
18	68	6	0	0	0	0	0	0	0	0	0	0	0	74
19	60	4	0	0	0	0	0	0	0	0	0	0	0	64
20	30	6	0	0	0	0	1	0	0	0	0	0	0	37
21	17	5	0	0	0	0	0	0	0	0	0	0	0	22
22	18	1	1	0	0	0	0	0	0	0	0	0	0	20
23	3	0	0	0	0	0	0	0	0	0	0	0	0	3
24	4	0	0	0	0	0	0	0	0	0	0	0	0	4
7-19	540	62	2	1	4	0	0	0	1	0	0	1	0	611
8-22	616	75	3	1	4	0	0	0	1	0	0	1	0	705
8-24	628	76	3	1	4	0	1	0	1	0	0	1	0	712
0-24	630	79	3	1	4	0	2	0	1	0	0	1	0	721

survey and presentation by [trafficsense Ltd.](#)

Automatic Classified Counts

LOCATION: CLEATOR														
Direction : WESTBOUND														
Tuesday 20/07/2021	VEHICLE SPEED (MPH)													TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120		
1	0	0	2	1	0	0	0	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	2	0	0	0	0	0	0	0	0	0	0	2
5	0	0	0	1	0	0	0	0	0	0	0	0	0	1
6	0	0	3	1	0	0	0	0	0	0	0	0	0	4
7	0	6	3	3	0	0	0	0	0	0	0	0	0	12
8	1	5	21	5	0	0	0	0	0	0	0	0	0	32
9	0	1	20	5	1	0	0	0	0	0	0	0	0	27
10	4	3	20	3	0	0	0	0	0	0	0	0	0	37
11	0	4	26	10	0	0	0	0	0	0	0	0	0	40
12	3	9	41	11	0	0	0	0	0	0	0	0	0	64
13	2	9	43	5	1	0	0	0	0	0	0	0	0	60
14	2	8	29	5	0	0	0	0	0	0	0	0	0	44
15	1	8	48	7	3	0	0	0	0	0	0	0	0	64
16	0	9	42	10	2	0	0	0	0	0	0	0	0	63
17	1	2	37	8	4	0	0	0	0	0	0	0	0	52
18	0	5	42	13	3	0	0	0	0	0	0	0	0	63
19	3	5	49	3	0	0	0	0	0	0	0	0	0	60
20	1	13	48	11	0	1	0	0	0	0	0	0	0	74
21	1	3	43	8	3	0	0	0	0	0	0	0	0	58
22	0	1	12	3	0	0	0	0	0	0	0	0	0	16
23	0	1	7	0	0	0	0	0	0	0	0	0	0	3
24	0	1	5	0	0	0	1	1	0	0	0	0	0	8
7-19	17	68	418	89	17	0	0	0	0	0	0	0	0	609
8-22	19	91	524	114	20	1	0	0	0	0	0	0	0	769
8-24	19	93	536	117	21	1	1	1	0	0	0	0	0	789
0-24	19	93	543	121	21	1	1	1	0	0	0	0	0	800

Direction : EASTBOUND														
Tuesday 20/07/2021	VEHICLE SPEED (MPH)													TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120		
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	2	0	0	0	0	0	0	0	0	0	0	2
6	0	1	4	0	1	0	0	0	0	0	0	0	0	6
7	0	4	11	0	0	0	0	0	0	0	0	0	0	15
8	0	3	18	2	0	0	0	0	0	0	0	0	0	23
9	0	2	17	6	1	0	0	0	0	0	0	0	0	26
10	0	3	29	13	0	0	0	0	0	0	0	0	0	45
11	0	10	28	3	0	0	0	0	0	0	0	0	0	41
12	1	9	43	5	0	0	0	0	0	0	0	0	0	58
13	1	8	49	4	0	0	0	0	0	0	0	0	0	62
14	1	10	32	4	0	0	0	0	0	0	0	0	0	47
15	0	8	42	1	0	0	0	0	0	0	0	0	0	51
16	0	3	31	17	2	0	0	0	0	0	0	0	0	53
17	0	5	40	20	2	0	0	0	0	0	0	0	0	67
18	0	3	42	20	9	0	0	0	0	0	0	0	0	74
19	0	7	51	5	1	0	0	0	0	0	0	0	0	64
20	0	4	31	1	0	1	0	0	0	0	0	0	0	37
21	0	0	14	6	2	0	0	0	0	0	0	0	0	22
22	0	1	15	1	2	1	0	0	0	0	0	0	0	20
23	0	1	1	0	1	0	0	0	0	0	0	0	0	3
7-19	3	71	422	100	15	0	0	0	0	0	0	0	0	611
6-22	3	80	433	108	19	2	0	0	0	0	0	0	0	705
5-23	3	83	435	110	20	2	0	0	0	0	0	0	0	712
0-24	3	82	501	111	21	2	0	1	0	0	0	0	0	721

Automatic Classified Counts

LOCATION: CLEATOR														Direction : WESTBOUND	
Saturday 24/07/2021															
Saturday 24/07/2021	VEHICLE CLASSIFICATION													TOTAL	
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13		
1	4	2	0	0	0	0	0	0	0	0	0	0	0	6	
2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
5	1	2	0	0	0	0	0	0	0	0	0	0	0	3	
6	1	2	0	0	0	0	0	0	0	0	0	0	0	3	
7	6	0	0	0	0	0	0	0	0	0	0	0	0	6	
8	16	0	0	0	0	0	0	0	0	0	0	0	0	16	
9	23	2	0	0	0	0	0	0	0	0	0	0	0	25	
10	35	1	0	0	0	0	0	0	0	0	0	0	0	36	
11	37	3	0	0	0	0	0	0	0	0	0	0	0	40	
12	45	5	0	0	0	0	1	0	0	0	0	0	0	51	
13	52	11	0	0	0	0	0	0	0	0	0	0	0	63	
14	49	11	0	0	0	0	0	0	0	0	0	0	0	60	
15	31	3	0	0	0	0	0	0	0	0	0	0	0	34	
16	55	9	0	0	0	0	0	0	0	0	0	0	0	64	
17	53	6	0	0	0	0	0	0	0	0	0	0	0	59	
18	58	2	0	0	0	0	0	0	0	0	0	0	0	60	
19	44	4	0	0	0	0	0	0	0	0	0	0	0	48	
20	28	7	0	0	0	0	0	0	0	0	0	0	0	35	
21	31	4	0	0	0	0	0	0	0	0	0	0	0	35	
22	26	0	0	0	0	0	0	0	0	0	0	0	0	26	
23	18	1	0	0	0	0	0	0	0	0	0	0	0	19	
24	10	2	0	0	0	0	0	0	0	0	0	0	0	12	
7-19	498	57	0	0	1	0	1	0	0	0	0	1	0	558	
6-22	589	68	0	0	1	0	1	0	0	0	0	1	0	660	
6-24	617	71	0	0	1	0	1	0	0	0	0	1	0	691	
0-24	626	75	0	0	1	0	1	0	0	0	0	1	0	704	

Direction : EASTBOUND															
Saturday 24/07/2021	VEHICLE CLASSIFICATION													TOTAL	
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13		
1	1	3	0	0	0	0	0	0	0	0	0	0	0	4	
2	3	0	0	0	0	0	0	0	0	0	0	0	0	3	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
6	5	0	0	0	0	0	0	0	0	0	0	0	0	5	
7	11	1	0	0	0	0	0	0	0	0	0	0	0	12	
8	21	1	1	0	0	0	0	0	0	0	0	0	0	23	
9	31	4	0	1	0	0	0	0	0	0	0	0	0	36	
10	40	2	0	0	0	0	0	0	0	0	0	0	0	42	
11	43	4	0	1	0	0	0	0	0	0	0	0	0	48	
12	63	6	0	0	0	0	0	0	0	0	0	0	0	69	
13	62	4	0	0	0	0	0	0	0	0	0	0	0	66	
14	43	6	0	0	0	0	0	0	0	0	0	0	0	49	
15	41	5	1	0	0	0	0	0	0	0	0	0	1	48	
16	57	1	0	0	0	0	0	0	0	0	0	0	0	58	
17	67	6	1	1	1	0	0	0	0	0	0	0	0	76	
18	38	3	0	0	0	0	0	0	0	0	0	0	0	41	
19	39	3	0	0	0	0	0	0	0	0	0	0	0	42	
20	35	5	0	0	0	0	0	0	0	0	0	0	0	40	
21	30	4	1	0	0	0	0	0	0	0	0	0	0	35	
22	14	1	0	0	0	0	0	0	0	0	0	0	0	15	
23	5	1	0	0	0	0	0	0	0	0	0	0	0	6	
24	3	0	0	0	0	0	0	0	0	0	0	0	0	3	
7-19	545	45	3	3	1	0	0	0	0	0	0	1	0	598	
6-22	635	55	4	3	1	0	0	0	0	0	0	1	0	700	
6-24	643	57	4	3	1	0	0	0	0	0	0	1	0	703	
0-24	652	61	4	3	1	0	0	0	0	0	0	2	0	723	

survey and presentation by [trafficsense Ltd.](#)

Automatic Classified Counts

LOCATION: CLEATOR														Direction : WESTBOUND	
Saturday 24/07/2021															
VEHICLE SPEED (MPH)														TOTAL	
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120			
1	0	1	3	1	1	0	0	0	0	0	0	0	6		
2	0	0	0	0	2	0	0	0	0	0	0	0	2		
3	0	0	0	0	0	0	0	0	0	0	0	0	0		
4	0	0	0	0	1	0	0	0	0	0	0	0	1		
5	0	0	0	0	1	0	0	0	0	0	0	0	1		
6	0	0	0	1	0	2	0	0	0	0	0	0	3		
7	0	0	5	1	0	0	0	0	0	0	0	0	6		
8	0	1	12	3	0	0	0	0	0	0	0	0	16		
9	0	2	16	7	1	0	0	0	0	0	0	0	26		
10	1	2	31	1	1	0	0	0	0	0	0	0	36		
11	0	3	36	1	0	0	0	0	0	0	0	0	40		
12	1	5	39	6	0	0	0	0	0	0	0	0	51		
13	1	11	46	5	0	0	0	0	0	0	0	0	63		
14	2	9	47	2	0	0	0	0	0	0	0	0	60		
15	0	2	26	6	0	0	0	0	0	0	0	0	34		
16	2	5	46	10	1	0	0	0	0	0	0	0	64		
17	0	4	48	5	2	0	0	0	0	0	0	0	59		
18	4	46	9	1	0	0	0	0	0	0	0	0	61		
19	0	4	34	7	3	0	0	0	0	0	0	0	48		
20	0	5	24	5	1	0	0	0	0	0	0	0	35		
21	0	1	25	9	0	0	0	0	0	0	0	0	35		
22	0	3	21	0	2	0	0	0	0	0	0	0	26		
23	0	0	13	5	1	0	0	0	0	0	0	0	18		
24	0	0	7	4	1	0	0	0	0	0	0	0	12		
7-19	8	52	427	82	9	0	0	0	0	0	0	0	558		
6-22	8	61	502	77	12	0	0	0	0	0	0	0	660		
6-24	8	61	522	86	14	0	0	0	0	0	0	0	691		
0-24	8	62	526	91	17	0	0	0	0	0	0	0	704		

Direction : EASTBOUND													
Saturday 24/07/2021	VEHICLE SPEED (MPH)												TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	3	1	0	0	0	0	0	0	0	0	4
2	0	1	2	0	1	0	0	0	0	0	0	0	4
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	1	0	0	0	0	0	0	0	0	0	1
6	0	0	2	3	0	0	0	0	0	0	0	0	5
7	0	1	9	2	0	0	0	0	0	1	0	0	13
8	0	4	18	2	0	0	0	0	0	0	0	0	25
9	0	8	24	4	0	0	0	0	0	0	0	0	36
10	0	9	32	1	0	0	0	0	0	0	0	0	42
11	0	7	38	3	0	0	0	0	0	0	0	0	48
12	2	7	56	4	0	0	0	0	0	0	0	0	69
13	0	22	39	5	0	0	0	0	0	0	0	0	66
14	0	13	32	3	1	0	0	0	0	0	0	0	49
15	0	11	35	2	0	0	0	0	0	0	0	0	48
16	3	24	33	0	0	0	0	0	0	0	0	0	58
17	2	20	51	3	0	0	0	0	0	0	0	0	76
18	2	8	29	2	0	0	0	0	0	0	0	0	41
19	0	10	28	3	0	0	0	0	0	0	0	0	42
20	0	8	50	4	0	0	0	0	0	0	0	0	40
21	0	6	28	1	0	0	0	0	0	0	0	0	35
22	0	2	11	2	0	0	0	0	0	0	0	0	15
23	0	0	3	2	1	0	0	0	0	0	0	0	6
24	0	0	2	0	1	0	0	0	0	0	0	0	3
7-19	7	143	416	31	1	0	0	0	0	0	0	0	598
8-22	7	158	454	40	1	0	0	0	0	0	0	0	700
9-24	7	158	399	23	3	0	0	0	0	0	0	0	723
0-24	7	159	507	46	4	0	0	0	0	0	0	0	723

Automatic Classified Counts

LOCATION: CLEATOR

Direction : WESTBOUND

Hr Ending	AVERAGE SPEEDS						
	Tuesday 20-Jul-21	Wednesday 21-Jul-21	Thursday 22-Jul-21	Friday 23-Jul-21	Saturday 24-Jul-21	Sunday 25-Jul-21	Monday 26-Jul-21
1	28.0	33.0	29.3	31.5	27.2	30.5	33.0
2	33.0	33.0	-	24.3	33.0	-	-
3	-	15.5	-	31.8	-	-	-
4	25.5	29.3	25.5	33.0	33.0	-	25.5
5	33.0	29.3	33.0	33.0	33.0	-	-
6	27.4	29.0	27.4	27.0	33.8	34.7	22.4
7	22.4	27.0	23.9	28.4	26.8	27.6	33.0
8	24.5	30.4	24.6	25.5	29.3	24.3	28.7
9	27.0	26.4	27.3	25.5	27.2	24.8	26.8
10	25.0	27.6	26.4	25.4	24.9	25.3	27.4
11	26.4	27.0	26.1	25.5	24.9	23.9	25.0
12	24.4	27.3	22.6	27.9	25.0	25.8	25.5
13	24.2	26.9	24.3	24.7	24.0	25.3	24.5
14	23.6	25.1	24.2	26.6	23.6	26.9	25.5
15	25.4	26.1	25.5	26.3	26.2	26.2	26.3
16	25.7	26.1	25.5	26.8	25.5	27.2	24.8
17	26.8	25.2	25.0	25.3	25.9	25.8	25.5
18	26.8	26.1	25.1	26.4	25.8	27.8	26.6
19	24.0	24.8	25.7	26.1	26.5	27.5	24.2
20	24.8	25.9	26.2	25.0	25.5	26.9	24.7
21	26.3	27.1	26.1	26.4	27.1	28.2	26.4
22	26.3	26.9	26.3	26.8	25.3	27.2	26.4
23	27.6	24.2	24.8	26.1	28.1	29.8	26.2
24	30.5	24.3	33.0	28.0	29.0	33.8	29.1
10-12	25.4	27.2	24.4	26.7	25.0	27.3	25.8
14-16	25.5	26.1	25.5	26.5	25.8	26.7	25.6
0-24	26.5	26.8	26.3	27.2	27.3	27.2	26.5

Hr Ending	85th PERCENTILE						
	Tuesday 20-Jul-21	Wednesday 21-Jul-21	Thursday 22-Jul-21	Friday 23-Jul-21	Saturday 24-Jul-21	Sunday 25-Jul-21	Monday 26-Jul-21
1	32.3	-	34.6	40.6	34.9	34.8	33.0
2	-	-	-	36.6	33.0	-	-
3	-	-	-	40.6	-	-	-
4	25.5	34.6	-	33.0	-	-	-
5	-	34.6	-	-	-	-	-
6	31.1	37.8	31.1	30.4	41.1	37.6	34.2
7	30.1	30.4	31.3	36.4	29.8	31.3	33.0
8	30.6	35.3	31.4	32.2	30.4	27.7	33.9
9	31.3	31.5	31.7	30.1	32.4	28.6	29.8
10	33.7	32.3	34.9	31.4	29.7	30.8	32.9
11	31.3	31.5	30.5	32.2	27.9	28.6	31.1
12	30.9	32.1	30.7	31.5	30.0	27.9	32.0
13	30.0	32.4	31.4	29.0	29.2	30.4	29.8
14	30.0	33.0	30.1	32.1	28.8	32.3	32.0
15	30.9	31.3	31.0	31.9	30.2	30.3	30.3
16	31.0	30.4	30.8	31.1	31.5	31.5	31.5
17	32.4	30.0	30.6	31.9	30.0	32.8	32.3
18	31.9	30.6	32.0	31.0	30.8	33.5	31.8
19	29.5	30.0	29.5	30.4	31.8	31.7	29.4
20	30.8	30.1	31.7	30.8	32.5	30.3	30.3
21	31.6	31.3	30.6	32.7	31.0	32.8	32.4
22	30.4	30.1	31.4	30.3	30.3	30.8	30.8
23	33.4	29.3	31.2	31.9	32.3	34.5	32.1
24	43.4	36.6	33.0	32.3	33.6	42.6	40.2
10-12	31.1	31.8	30.6	31.8	28.9	28.2	31.6
14-16	31.0	30.8	30.9	31.8	30.7	30.9	30.1
0-24	31.5	32.1	31.5	32.6	31.4	32.1	31.9

7 DAY AVERAGE SPEED	26.8
7 DAY AVERAGE 85th PERCENTILE	31.9

5 DAY OFF PEAK AVERAGE SPEED	25.9
5 DAY OFF PEAK AVERAGE 85th PERCENTILE	31.1

survey and presentation by [trafficsense Ltd.](#)

Automatic Classified Counts

LOCATION: CLEATOR

Direction : EASTBOUND

Hr Ending	AVERAGE SPEEDS						
	Tuesday 20-Jul-21	Wednesday 21-Jul-21	Thursday 22-Jul-21	Friday 23-Jul-21	Saturday 24-Jul-21	Sunday 25-Jul-21	Monday 26-Jul-21
1	-	48.0	-	33.0	27.4	25.5	28.0
2	-	-	-	33.0	26.1	31.8	-
3	33.0	43.0	-	25.5	-	-	-
4	-	25.5	-	15.5	-	-	-
5	25.5	25.5	25.5	23.0	25.5	19.3	-
6	25.5	26.8	25.9	30.0	27.4	27.4	25.5
7	22.8	29.0	24.0	23.0	25.9	23.3	24.4
8	24.8	25.3	25.3	24.3	24.1	24.7	25.8
9	26.9	28.5	26.8	22.8	24.1	24.3	26.3
10	27.0	27.8	26.7	23.5	22.3	22.3	25.5
11	23.6	27.4	24.8	21.5	24.5	22.1	24.7
12	24.3	27.7	23.8	22.1	24.3	22.3	25.1
13	24.4	28.6	24.2	23.9	22.7	25.3	25.4
14	23.6	29.0	23.8	23.6	25.4	25.3	25.3
15	24.1	23.1	23.7	23.8	23.5	28.5	24.5
16	27.8	22.4	23.2	23.3	21.0	27.5	28.0
17	27.4	23.8	23.4	23.7	22.6	27.2	27.8
18	26.6	24.4	22.9	23.6	29.2	28.1	28.5
19	25.2	23.5	25.5	23.1	23.7	29.0	25.3
20	25.1	23.4	23.9	24.1	24.8	29.0	25.1
21	28.7	26.8	25.6	24.6	24.0	26.9	28.7
22	27.5	25.3	23.4	25.2	25.2	28.5	26.1
23	30.5	27.5	27.4	26.4	30.1	22.6	29.3
24	33.0	29.3	38.0	25.5	29.7	25.5	33.0
10-12	23.9	27.5	24.3	21.8	24.4	22.2	24.9
14-16	25.9	22.7	23.4	23.6	22.3	28.0	26.3
0-24	26.7	27.9	25.4	24.5	25.0	25.9	26.6

Hr Ending	85th PERCENTILE						
	Tuesday 20-Jul-21	Wednesday 21-Jul-21	Thursday 22-Jul-21	Friday 23-Jul-21	Saturday 24-Jul-21	Sunday 25-Jul-21	Monday 26-Jul-21
1	-	-	-	43.6	-	-	32.3
2	-	-	-	35.3	-	40.6	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	25.5	-	25.5	28.0	-	38.7	-
6	33.1	29.8	32.4	30.4	34.1	31.1	-
7	27.4	33.6	28.8	27.6	30.3	27.7	27.7
8	29.1	29.2	29.0	28.3	28.4	29.4	31.1
9	32.0	32.6	31.5	28.0	29.3	29.2	33.9
10	31.6	31.8	30.8	29.6	27.9	28.0	29.1
11	28.7	31.2	29.5	27.8	26.7	27.7	29.9
12	29.4	32.2	29.1	28.2	29.2	28.2	29.1
13	29.1	33.3	29.1	28.2	29.7	29.7	27.9
14	29.2	33.9	30.0	29.7	29.0	32.8	29.0
15	28.0	29.4	27.9	28.5	28.2	32.7	29.5
16	32.5	27.9	29.0	28.7	26.4	31.9	32.6
17	32.4	28.2	28.4	28.2	28.4	30.8	32.5
18	34.0	28.4	28.3	29.7	28.9	34.5	33.4
19	29.4	29.2	30.3	29.0	26.7	33.6	29.8
20	29.7	28.3	28.6	31.1	29.3	34.5	29.8
21	33.2	32.0	28.1	28.1	28.1	33.2	33.3
22	33.5	30.9	28.3	34.2	29.9	35.9	30.6
23	34.8	36.1	33.9	29.1	35.4	27.5	34.6
24	49.2	33.3	-	25.5	36.9	25.5	49.2
10-12	29.0	31.7	29.3	28.0	29.0	28.0	29.5
14-16	30.4	28.6	28.5	28.6	27.3	32.3	31.0
0-24	31.6	31.1	29.4	29.6	30.1	31.6	31.6

7 DAY AVERAGE SPEED	25.0
7 DAY AVERAGE 85th PERCENTILE	30.7

5 DAY OFF PEAK AVERAGE SPEED	24.4
5 DAY OFF PEAK AVERAGE 85th PERCENTILE	29.5

survey and presentation by [trafficsense Ltd.](#)

Automatic Classified Counts

LOCATION: CLEATOR

Direction : WESTBOUND

SPEED (MPH)	SPEED SUMMARY						
	Tuesday 20-Jul-21	Wednesday 21-Jul-21	Thursday 22-Jul-21	Friday 23-Jul-21	Saturday 24-Jul-21	Sunday 25-Jul-21	Monday 26-Jul-21
0-30	555	662	652	591	596	630	574
31-45	143	177	146	144	108	190	130
46-60	2	0	0	1	0	0	2
61-120	0	0	0	0	0	0	0
TOTAL	800	839	798	736	704	820	706

survey and presentation by [trafficsense Ltd.](#)

Automatic Classified Counts

LOCATION: CLEATOR

Direction : EASTBOUND

SPEED (MPH)	SPEED SUMMARY						
	Tuesday 20-Jul-21	Wednesday 21-Jul-21	Thursday 22-Jul-21	Friday 23-Jul-21	Saturday 24-Jul-21	Sunday 25-Jul-21	Monday 26-Jul-21
0-30	585	675	695	690	673	593	609
31-45	134	167	83	50	50	181	123
46-60	1	0	0	2	0	1	1
61-120	0	0	0	0	0	0	0
TOTAL	721	843	778	742	723	775	733

survey and presentation by [trafficsense Ltd.](#)

Automatic Classified Counts

LOCATION: CLEATOR

Direction : WESTBOUND

	VEHICLE CLASSIFICATION				TOTAL
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2		
20-Jul-21	530	78	1		609
7-19	671	96	2		769
6-22	688	99	2		789
6-24	695	103	2		800
21-Jul-21	530	102	2		634
7-19	685	119	2		806
6-22	685	119	2		806
6-24	705	120	2		827
0-24	715	122	2		8