

IN THE MATTER OF AN APPEAL AGAINST THE
DECISION OF WREXHAM COUNTY BOROUGH
COUNCIL TO REFUSE TO GRANT PLANNING
PERMISSION FOR THE CHANGE OF USE OF LAND TO
PROVIDE RESIDENTIAL GYPSY / TRAVELLER PITCHES,
AND COMMUNAL UTILITY DAY ROOM

TOWN AND COUNTRY PLANNING ACT 1990
(AS AMENDED) S78

PLANNING INSPECTORATE REF: APP/H6955/A/17/316778
LAND ADJACENT TO THE BUNGALOW, OLD BLACK PARK ROAD,
HALTON, CHIRK, WREXHAM

I have been instructed as Agent by the Appellant in this matter, Mrs M Berry (ref: P/2015/0225) to address the reasons given for refusing to grant planning permission on 4th August 2016. ([Appendix 1](#)). It will be submitted that the Appeal should be allowed.

Reasons for Refusal

Due to INADEQUATE ACCESS in both directions the development will not be PROVIDED WITH A SAFE MEANS OF VEHICULAR ACCESS onto the highway and therefore does not accord the policy GDP1(d) of the Wrexham unitary Development Plan.

1. Upon reaching the Councils decision the Council had regard to the relevant Policies EC11, EC4, EC6, H9 PS1, PS2 T8 and GDP1.

The application was approved on all policies with exception to single Policy Item GDP1 – access.

Application Procedure

1. There has been a number of meetings and correspondence with the Highways Engineer where he has advised that the visibility should be in accordance with Welsh Government 'guidance' TAN 18.
2. However, TAN 18 was published in April 2007 and refers to 'Manual for Streets' guidance within its text. Since TAN 18 was realised 'Manual for Streets 2', Wider Application of the Principles was published in 2010. As its title suggest, it provides guidance on the wider application of Manual for Streets principles and confirms this at paragraph 1.3.2 in Bold Type. *"It is therefore recommended that as a starting point for any scheme affecting non-trunk roads, designers should start with Manual for Streets"*.
3. The road in question has had a traffic and speed count, ([Appendix 2](#)) is lightly trafficked with average speeds around 40 mph within the context of Manual for Streets as recommended by TAN 18.
4. Section 3.2 of Manual for Streets 2 specifically references concerns regarding the slavish adherence to guidance regardless of local context and advocates *"The informed judgement of trained professionals on-site should logically take precedence over guidance"*.
5. Wrexham Gypsy and Traveller Accommodation Needs Assessment 2013 – 2018 "Identifies a distinct shortage of travellers sites within the authority" equating to nine new pitches needed now and a further twelve over the next five years with overcrowding on the council's own site at Ruthin Road.
6. Following a distinct shortage of traveller pitches (21 in total over the next 5 years) it was suggested by the Council a further traffic / speed count be carried out and The Hurlestone Partnership were appointed to carry out further investigations.
7. All the above points with relevant additional information have been raised in the Hurlestone Partnership report by Jeremy Hurlestone dated 18th October 2016 ([Appendix 3](#)) attached as part of my clients Statement of Case ([Appendix 4](#)).

It's findings relative to the Manual for Streets 2 were found to satisfy the Manual and this was submitted to the council showing the access proposed complies.

8. The application was refused based on the initial count and the highways engineers views. However, it was jointly considered that the application should be appealed and the new accepted report be submitted as Common Ground via written representation. ([Appendix 6](#)).
9. The appeal was changed to a Hearing by PINS.
10. A final report by the Hurlestone Partnership having previously agreed by the Highways Department was sent to the Planning Department to agree Common Ground (a copy to PINS) ([Appendices 5, 5a, 5b, 5c, 5d](#)).
11. Should a hearing take place I will call Mr Jeremy Hurlestone to present his professional report and request the Council to agree Common Ground in relation to the access which will give full weight to my client's appeal.
12. With respect the Inspector will be requested to approve the appeal on behalf of my client.

[Appendices](#)

Appendix 1	Wrexham Council Refusal Notice
Appendix 2	Original Traffic Count - Mouchel
Appendix 3	Hurlestone Partnership Report
Appendix 4	Statement of Case
Appendix 5	The Hurlestone Partnership Email 8th February 2017
Appendix 5a	Site 1 Chirk ATC Data
Appendix 5b	Site 2 Chirk ATC Data
Appendix 5c	Site 1 Photograph
Appendix 5d	Site 2 Photograph
Appendix 6	Reply from Peter Douthwaite – 16th February 2017

In pursuance of its powers under the Acts and Orders referred to below, the County Borough Council as Local Planning Authority, hereby determines your application in accordance with the particulars and plans comprising the application

Applicant	MRS M BERRY	Code No	CHI P/2015/0225
Agent	MR TREVOR MENNELL THE GABLES KENDRICKS BANK BAYSTON HILL SHREWSBURY SY3 0EH	Date Received	06/01/2015
		Decision Date	04/08/2016

Town and Country Planning Act, 1990

Location of application

LAND WEST OF AND ADJACENT TO
THE BUNGALOW, OLD BLACK PARK ROAD, HALTON, CHIRK,
WREXHAM, LL14 5BG

Description of application

USE OF LAND TO PROVIDE RESIDENTIAL GYPSY / TRAVELLER
PITCHES (7 PLOTS) AND ERECTION OF COMMUNAL UTILITY BUILDING

In reaching this decision the Council has had regard to the relevant policies in the Wrexham Unitary Development Plan which are as follows:-

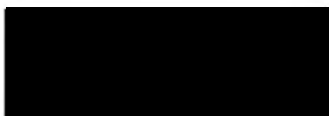
EC11	Archaeology
EC4	Hedgerows, Trees and Woodland
EC6	Biodiversity Conservation
GDP1	Development objectives
H9	Gypsy caravan sites
PS1	Settlement limits
PS2	Development and the environment
T8	Parking

Particulars of decision that permission be REFUSED

Reason(s)

Due to inadequate access in both directions the development will not be provided with a safe means of vehicular access onto the highway and therefore does not accord with policy GDP1 (d) of the Wrexham Unitary Development Plan.

Applicant	MRS M BERRY	Code No	CHI P/2015/0225
Agent	MR TREVOR MENNELL THE GABLES KENDRICKS BANK BAYSTON HILL SHREWSBURY SY3 0EH	Date Received	06/01/2015
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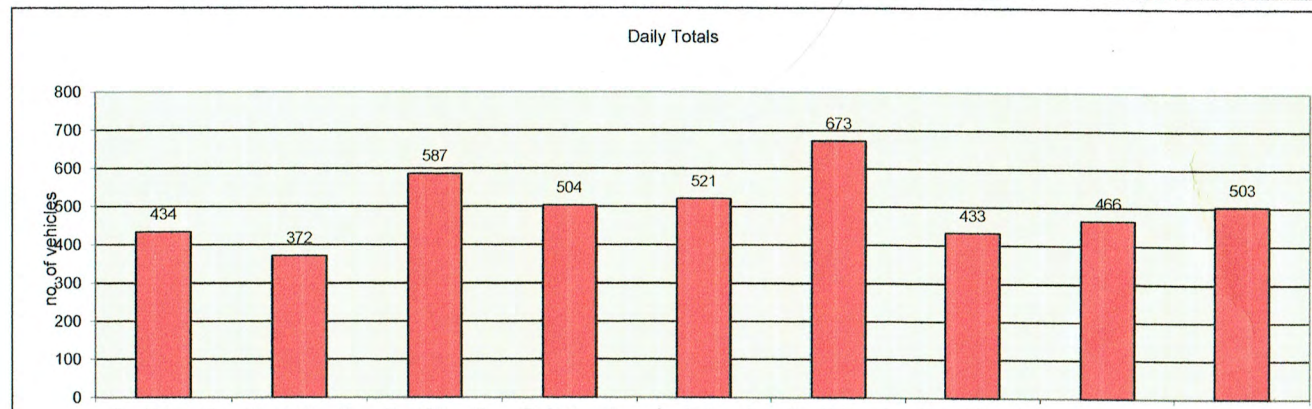


**Officer Appointed for this purpose
Head of Environment and Planning**

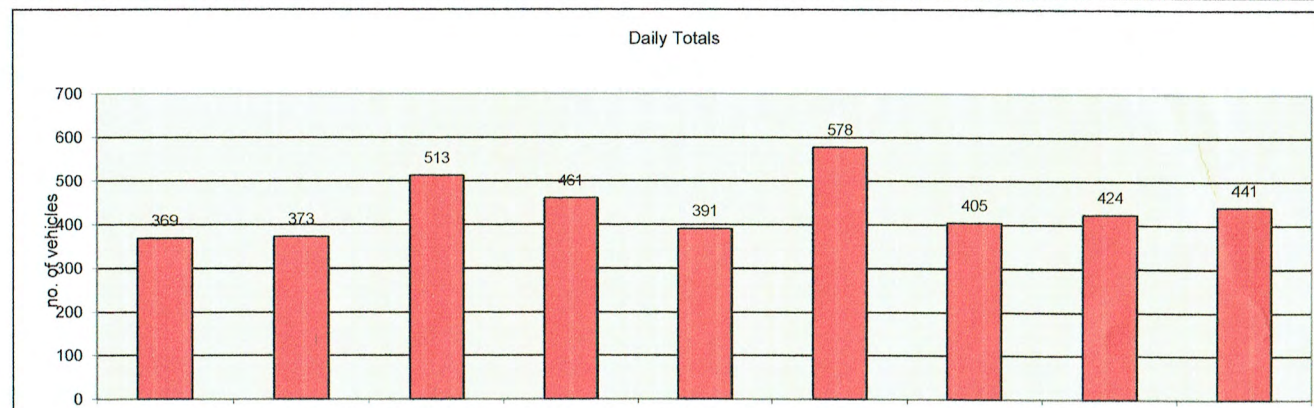
**Refer to the Statement of Applicant's Rights and General Information enclosed
or refer to the following link:-**

http://www.wrexham.gov.uk/english/planning_portal/publications/info_sheets.htm

Report Id Site Site Name Chirk - near Council depot off A5									
Tue 03 Nov 2015 to Mon 09 Nov 2015 Direction Westbound									
TIME PERIOD	Tue 03 Nov 15	Wed 04 Nov 15	Thu 05 Nov 15	Fri 06 Nov 15	Sat 07 Nov 15	Sun 08 Nov 15	Mon 09 Nov 15	Mon - Fri 5 Day Av	7 Day Av
0000	0	3	2	5	5	6	2	2	3
0100	0	0	2	1	9	8	2	1	3
0200	2	1	1	0	5	1	2	1	2
0300	1	1	3	1	2	4	1	1	2
0400	0	1	1	1	1	6	1	1	2
0500	2	0	1	2	3	14	4	2	4
0600	15	8	12	11	5	67	9	11	18
0700	24	22	16	17	6	85	16	19	27
0800	23	22	23	27	20	62	30	25	30
0900	26	23	25	21	21	45	17	22	25
1000	23	17	31	21	36	42	18	22	27
1100	21	17	32	28	23	26	21	24	24
1200	24	27	28	26	56	54	29	27	35
1300	29	21	31	44	47	29	27	30	33
1400	33	27	29	41	35	41	36	33	35
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1700	35	23	48	45	41	35	34	37	37
1800	31	27	89	57	47	24	34	48	44
1900	26	26	51	26	30	20	25	31	29
2000	19	12	40	22	21	16	17	22	21
2100	19	23	22	22	10	10	17	21	18
2200	20	7	15	10	12	9	10	12	12
2300	3	9	8	2	15	3	7	6	7
07-19	327	281	429	401	403	509	336	355	384
06-22	406	350	554	482	469	622	404	439	470
06-00	429	366	577	494	496	634	421	457	488
00-00	434	372	587	504	521	673	433	466	503
Am	0900	0900	1100	1100	1000	0700	0800	0800	0800
Peak	26	23	32	28	36	85	30	25	30
Pm	1700	1500	1800	1800	1200	1200	1600	1800	1800
Peak	35	31	89	57	56	54	45	48	44



Report Id		Site		Site Name		Chirk - near Council depot off A5			
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TIME PERIOD	Tue 03 Nov 15	Wed 04 Nov 15	Thu 05 Nov 15	Fri 06 Nov 15	Sat 07 Nov 15	Sun 08 Nov 15	Mon 09 Nov 15	Mon - Fri 5 Day Av	7 Day Av
0000	0	3	3	4	4	2	2	2	3
0100	2	1	0	0	3	2	2	1	1
0200	2	1	2	0	3	2	2	1	2
0300	1	0	2	0	1	0	0	1	1
0400	1	1	1	2	0	2	3	2	1
0500	4	3	6	5	3	3	3	4	4
0600	8	5	12	10	4	11	9	9	8
0700	19	18	17	17	10	76	9	16	24
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0900	25	24	24	28	26	41	22	25	27
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2200	5	11	8	10	8	10	8	8	9
2300	5	5	6	5	7	3	7	6	5
07-19	301	302	317	378	317	517	331	326	352
06-22	349	348	485	435	362	554	378	399	416
06-00	359	364	499	450	377	567	393	413	430
00-00	369	373	513	461	391	578	405	424	441
Am	0900	0900	1100	0900	1000	0800	0800	0900	0800
Peak	25	24	35	28	28	118	30	25	36
Pm	1600	1600	1900	1600	1300	1200	1600	1600	1600
Peak	40	40	96	44	39	50	41	40	35



The Hurlstone Partnership

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e-mail: office@hurlstones.com

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Mr. T. Mennell
Trevor Mennell Planning
The Gables
Kendricks Bank
Bayston Hill
Shrewsbury
Shropshire
SY3 0EH

Our Ref: JPH/jph/160804

18 October 2016

Dear Trevor

LAND WEST OF AND ADJACENT TO 'THE BUNGALOW', OLD BLACK PARK ROAD, HALTON, CHIRK, WREXHAM, LL14 5BG

Further to the refusal of planning permission P/2015/0225 on 04 August 2016, we have reviewed the reason for refusal, which relates to inadequate access. We have also reviewed the Highway Authority's consultation response dated 6th July 2016, which led to the refusal of planning permission, and have visited the site.

The Highway Consultation response refers to observed 85th percentile speeds of 39 mph westbound and 42 mph eastbound. During the meeting on site I was advised that these speeds were obtained from a single ATC fixed to the lamp column at a point to the east of the Council depot on the opposite side of the road and therefore to the east of the access position proposed within the refused application.

The Highway Authority consultation response then refers to the guidance in TAN18, which was published in April 2007 and refers to Manual for Streets (MfS) guidance within its text. Since TAN18 was released Manual for Streets 2 Wider Application of the Principles was published in September 2010. As its title suggest, it provides guidance on the wider application of MfS principles and confirms at paragraph 1.3.2 in bold type *"It is therefore recommended that as a starting point for any scheme affecting non-trunk roads, designers should start with MfS"*.

Paragraph 1.3.3 continues: *"Where designers do refer to DMRB for detailed technical guidance on specific aspects, for example on strategic inter-urban non trunk roads, it is recommended that they bear in mind the key principles of MfS, and apply DMRB in a way that reflects the local context. It is further recommended that DMRB or other standards and guidance is only used where the guidance contained in MfS is not sufficient or where particular evidence leads a designer to conclude that MfS is not applicable."*

Paragraph 1.3.7 of MfS2 advises: *"...in rural areas many parts of the highway network are subject to the national speed limit but have traffic speeds significantly below 60 mph. Again, in these situations where speeds are lower than 40 mph, MfS SSD parameters are recommended."*

Paragraph 1.3.9 advises *"This approach demonstrates that the key MfS principles can be applied widely to improve the quality of highways and their application is not limited to low speed or lightly trafficked routes."*

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By comparing the guidance in paragraph 1.3.7 with the observed 85th percentile speeds, it is apparent that in one direction the speeds are below 40 mph and in the other they are above 40 mph. If applied slavishly, the guidance in MfS2 would result in one set of parameters being applied in one direction and another in the opposite direction, which is clearly illogical on the same section of road carrying the same traffic. Section 3.2 of MfS2 specifically references concerns regarding the slavish adherence to guidance regardless of local context and advocates *"The informed judgement of trained professionals on-site, should logically take precedence over guidance."*

In deciding which parameters to apply, it is important to understand their respective purpose; hence the guidance in paragraph 1.3.3 of MfS2 regarding the use of DMRB parameters in a way that reflects local context.

The basic difference of approach between MfS and DMRB Y distance parameters is that the former relates to the ability to stop in a safe controlled manner, whereas the latter provides for continuous traffic speeds on the main alignment of a trunk road, which carries high volumes of through-traffic. The Y distance in DMRB is not related to the ability of a vehicle to actually stop.

In the case of Old Black Park Road, there is no practical benefit in designing for continuous traffic speeds, given the uphill climb around a bend from the west and the approach from a roundabout to the east. These geometric features naturally result in variable traffic speeds along the relevant section of the route as vehicles accelerate from/decelerate towards the constraints to unrestricted through-movement.

If accepting that it is sufficient to provide for safe stopping, a decision needs to be taken in terms of the parameters to apply to the calculation. MfS applies a perception/reaction time of 1.5 seconds, whereas DMRB uses 2 seconds. Given drivers would have either negotiated a roundabout or a relatively steep uphill climb around a bend on the approach to the relevant section of Old Black Park Road, it can be assumed that they would be more alert than may be the case if they were driving along a continuous, relatively straight section of trunk road. As a result, I consider a 1.5 second perception/reaction time is apparent.

In terms of the rate of deceleration, MfS provides the options of 0.45g for light vehicles and 0.375g for large/heavy vehicles (HGVs/buses). The same 0.375g is used on the trunk road when designing the length of right turning lanes in the middle of the road, within which it is assumed vehicles will stop; hence the reason they are constructed. Given the higher volume of HGV traffic travelling along a typical trunk road, adopting the deceleration rate for such vehicles is appropriate in those circumstances.

By way of comparison, the total daily traffic flow on Old Black Park Road averaged less than 1,000 vehicles per day, which is less than the typical peak hour flow on a trunk road. Data provided by the Department for Transport confirms the annual average daily traffic flow on the A5 trunk road to the south of McDondalds was 23,467 including 2,363 HGVs in 2015. It is therefore apparent that Old Black Park Road is a lightly trafficked route.

Based upon the recorded 85th percentile speeds, if applying the 1.5 second perception/reaction time and the slower deceleration rate of 0.375g for large vehicles, the stopping distances are calculated to be 78.5m for eastbound traffic and 69.9m for westbound traffic.

Based on the ability of light vehicles to stop more quickly, applying the 0.45g rate of deceleration results in shorter stopping distances of 70.5m and 63m respectively.

Reviewing the composition of the traffic flow recorded on Old Black Park Road during the survey in November last year, it is apparent that just 0.62% of westbound traffic and 0.55% of eastbound traffic was identified to be HGVs. As these vehicles also accelerate more slowly than cars, given the proximity of the hill and roundabout, it is reasonable to assume that they would be travelling at reduced speed when compared with light vehicles when reaching the survey point.

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Notwithstanding this, it is apparent that the reported visibility splays in the Highway Authority's consultation response of 2.4m x 90m to the west and 2.4m x 85m to the east both exceed the required safe stopping distance for a large vehicle calculated above (by 14.6% and 21.6% respectively). When considering the ability of the lighter vehicles to stop, the margins above the required stopping distances become 27.6% and 34.9% respectively.

As a result, unless there is a particular reason why it is considered necessary to provide the trunk road standards for continuous traffic speed on this particular section of the lightly trafficked Old Black Park Road, the proposed visibility splays are more than adequate to provide acceptable levels of highway safety.

I note that the proposed site access to serve the development was to be approximately adjacent to the existing bungalow and opposite that serving the Council depot. Whilst MfS confirms that crossroads are acceptable, they do provide a greater potential for conflict; particularly between vehicles turning right into or right out of the minor arms, as there can be a degree of confusion over whom has priority and whether the turning vehicles pass behind or in front of each other.

I noted during the site meeting that there is an existing field gateway serving the development site to the west of the access previously proposed. The existing access is formed by a dropped kerb extending 12m along the carriageway edge, which narrows to a 3.7m wide gateway set back 3.1m behind a tarmac apron forming the access surface.

Visibility was measured at this access position to extend 92m to the left to the near carriageway edge and, with some limited vegetation clearance around the bottom of a telegraph pole, 80m to the near carriageway edge to the right from a 2.4m set-back. The constraint to visibility to the right was the crest in the carriageway as the road rises around the bend toward the access serving the site which accommodates the regular car boot sales. The constraint to the right was the gateway to The Bungalow, which I understand could be moved / set back if required; although I do not consider that would be necessary.

It is therefore apparent that the visibility at the existing site access would also exceed the required stopping distance for all traffic, including large vehicles, based upon the speeds recorded at the ATC to the east. However, whilst that ATC survey is considered to be representative of speeds approaching the existing access from the roundabout to the east, I consider the actual westbound speeds on the approach to the site access are likely to be somewhat lower than those recorded to the east, as vehicles negotiate the bend, uphill gradient and crest to the west. This is particularly the case if the approaching vehicles were HGVs, which would be expected to be travelling more slowly.

Any reduction in speed would provide a further margin above the required safe stopping distances, which are nevertheless already achievable based on the observed speeds.

I consider the use of the existing gateway would also provide other benefits. It would avoid the potential for conflict at the existing access to the Council depot; it would avoid all of the traffic passing the eastern plot within the site; avoid all of the turning traffic occurring near The Bungalow; and it would avoid the potential need to relocate utility services which exist near the access previously proposed. As these benefits are achievable without compromising highway safety, whilst I consider the previously proposed access would be acceptable in terms of its visibility provision etc. I believe the existing access to the west would be a preferable location from which to serve the proposed development within the site.

I have reviewed collision data for the route which confirms that there have been no recorded injury accidents at the various accesses and junctions along the relevant section of Old Black Park Road for more than 10 years. The access to the car boot site on the opposite side of the road to the application site is closer to the bend to the west and has more restricted visibility to the west as a result. Based on the lack of recorded injury accidents at the access to the car boot site, it is apparent that the local evidence confirms that a comparably worse access in terms of its visibility provision, has operated satisfactorily for a considerable period of time.

Whilst much of the guidance referred to above is sourced from MfS2 and appears to conflict with TAN 18, that document has been a material consideration since its publication and has led to a number of earlier planning and appeal decisions

The Hurlstone Partnership

being overturned where, historically, visibility was previously found to be unacceptable based on appraisal using the DMRB based Y distances to which the Highway Authority has defaulted based upon guidance or standards which pre-date MfS2.

I have presented similar evidence at appeals in Wales and Inspectors have accepted the explanation of the difference between the parameters and the flexibility/pragmatic approach advocated within MfS2. Such pragmatism was referenced in paragraph 32 of the Appeal Decision APP/H6955/C/13/2210461 relating to land off the B5101, Southsea, Wrexham, which the Council will be familiar with, having raised a highway objection based upon sub-standard visibility.

Should you re-apply for the proposed development using either the existing or previously proposed access and receive a further planning refusal on highway grounds, I can confirm I would be happy to represent the client at appeal if necessary.

I trust the foregoing is acceptable and assists in your consideration of this matter with the Council. However, should you have any queries or require any further information or assistance, please do not hesitate to contact me on 01743 884849 or 07875 399325.

Yours sincerely

Jeremy Hurlstone
for THE HURLSTONE PARTNERSHIP

Mrs M Berry

Land adjacent to

The Bungalow • Halton • Chirk

Wrexham • LL14 5BG

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**The Change of Use of land to provide residential
Gypsy / Traveller pitches and communal utility day room
Application No: P/2015/0225**

STATEMENT OF CASE

Resons for Refusal:

Due to INADEQUATE ACCESS in both directions the development will not be PROVIDED WITH A SAFE MEANS OF VEHICULAR ACCESS onto the highway and therefore does not accord the policy GDP1(d) of the Wrexham unitary Development Plan.

1. Upon reaching the Councils decision the Council had regard to the relevant Policies EC11, EC4, EC6, H9, PS1, PS2, T8 and GDP1.

The application was approved on all policies with exception to single Policy Item GDP1 - access.

2. There has been a number of meetings and correspondence with the Highways Engineer where he has advised that the visibility should be in accordance with Welsh Government 'guidance' TAN 18.
3. However, TAN 18 was published in April 2007 and refers to 'Manual for Streets' guidance within its text. Since TAN 18 was released 'Manual for Streets 2', Wider Application of the Principles was published in 2010. As its title suggest, it provides guidance on the wider application of Manual for Streets principles and confirms this at paragraph 1.3.2 in Bold Type.
"It is therefore recommended that as a starting point for any scheme affecting non-trunk roads, designers should start with Manual for Streets".

The Change of Use of land to provide residential
Gypsy / Traveller pitches and communal utility day room
Application No: P/2015/0225
STATEMENT OF CASE (continued)

4. The road in question has had a traffic and speed count, is lightly trafficked with average speeds around 40 mph within the context of Manual for Streets as recommended by TAN 18.
5. Section 3.2 of Manual for Streets 2 specifically references concerns regarding the slavish adherence to guidance regardless of local context and advocates *"The informed judgement of trained professionals on-site should logically take precedence over guidance"*.
6. All the above points with relevant additional information have been raised in the Hurlestone Partnership report by Jeremy Hurlestone dated 18th October 2016 attached as part of my clients Statement of Case (appendix 1).
7. Wrexham Gypsy and Traveller Accommodation Needs Assessment 2013 - 2018 "Identifies a distinct shortage of travellers sites within the authority" equating to nine new pitches needed now and a further twelve over the next five years with overcrowding on the Council's own site at Ruthin Road.

Trevor Mennell

From: Jeremy Hurlstone [jeremy@hurlstones.com]
Sent: 08 February 2017 16:01
To: 'Peter Douthwaite'
Cc: 'Trevor Mennell'
Subject: Halton, Chirk
Attachments: Site 2.JPG; Site 1 Chirk ATC data.xls; Site 1.JPG; Site 2 Chirk ATC data.xls

Importance: High

Dear Peter,

I trust you are well?

Further to your e-mail of 12 December 2016, Axiom Traffic has installed 2 No. Automatic Traffic Counters on Old Black Park Road; one to the west (Site 1) and one to the east (Site 2) of the potential access positions, as requested. The ATCs recorded volumes and speeds over a 7 day period between Tuesday 10th and Monday 16th January 2017. The results were sent to me yesterday. The results are attached for your information.

The recorded 85th percentile for eastbound traffic from the western counter (Site 1) was 38.1 mph, whilst the westbound speed from the eastern counter (Site 2) was 39.1 mph. These speeds are uncorrected for weather conditions. I understand that the weather was predominantly dry during the survey period and therefore a 2.5 mph reduction would be appropriate in accordance with TA22/81 "Vehicle Speed Measurement on All Purpose Roads. However, there were some periods of rain/showers during the survey period and therefore I consider the application of the full 2.5 mph deduction is likely to result in an under-estimate of the actual 85th percentile wet weather speeds required. Notwithstanding this, even without any correction, the speeds fall below the 40 mph threshold above which MfS2 advises the application of DMRB parameters, as outlined in my previous letter dated 18 October 2016.

Making no allowance for weather conditions (i.e. using 38.1 mph eastbound and 39.1 mph westbound, the required visibility splay lengths based on the observed speeds are calculated to be 67.4m based on large vehicles and 60.8m based on light vehicle requirements to the west (right when emerging from the access). The comparable distances to the east (left when emerging from the access) are 70.2m based on large vehicles and 63.3m based on light vehicle requirements.

These distances may be compared with those achievable at the existing field gateway of 80m to the right and 92m to the left. It is therefore apparent that the achievable distances are 18.6% and 31% greater to the west and east than is required for safe stopping based on large vehicle parameters. When considered in the context of light vehicles, as is considered appropriate based upon the 5% threshold of large vehicles identified in MfS2, the margin above the required safe stopping distances increase to 31.5% to the west and 45.3% to the east.

As you will note, the observed speeds based on the new surveys without any weather correction being applied are 3.9 mph lower than the wet-weather eastbound speed recorded near the works access (42 mph) and 0.1 mph higher than the previously recorded wet-weather westbound speed (39 mph). When taking into account a reasonable weather reduction, it is apparent that the approach speeds from both directions are lower than previously obtained at the questionable survey point.

I trust this additional information is sufficient to allow you to confirm that the visibility provision of approximately 2.4m x 90m to the west and 2.4m x 85m to the east you confirmed in your consultation response for the previously proposed access position under application P/2015/0225, and that achievable at the existing gateway of 2.4m x 80m to the west and 2.4m x 92m to the east at the existing gateway I reported in the aforementioned letter would be acceptable when taking into account the guidance contained in MfS2, which significantly post-dates TAN 18 and includes the findings of more recent research into highway safety.

You may be aware that an appeal (ref: APP/H6955/A/17/3166718) has been submitted against the refusal of planning application P/2015/0225, for which the only reason for refusal has now been addressed by the new surveys which were carried out at your request. I hope that this new information will allow us to agree the visibility at that access point is acceptable, and thereby allow us to confirm the same to the Inspectorate by way of a simple Statement of Common Ground, to which the results may be appended. Obviously to avoid unnecessary costs and time on both sides, this information should be passed to the Planning Inspectorate without delay.

It may be that a new application is to be submitted relating to the alternative scheme, which utilises the improvement of the existing field gateway to serve the site, which I understand could be dealt with by Delegated Powers. Either

way, it appears that the sub-standard visibility alleged in the reason for refusal given in the decision notice for application P2015/0225 has been overcome as a result of the new information and that the achievable visibility at the existing access as set out above would also be acceptable.

I would be grateful if you could confirm your agreement that in either case satisfactory visibility is achievable and may therefore be subject to a reasonable and deliverable planning condition requiring the provision and maintenance of the relevant visibility splays in perpetuity for the life/use of the development. Such an agreement should make it possible to put before the Inspector a simple Statement of Common Ground, which will hopefully avoid the need for further evidence, given the single reason for refusal.

I trust the foregoing and attached are acceptable and look forward to hearing from you as soon as possible. However, should you have any queries, please do not hesitate to contact me on 01743 884849 or 07875 399325.

Kind regards

Jeremy Hurlstone
The Hurlstone Partnership Limited
Tel: 01743 884849 or [REDACTED]

12637 CHIRK									
JANUARY 2017									
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed
Site No: 12637001	Site 1, Old Black Park Rd, Chirk - att to Tree OSGR SJ 29768 39746	Channel: Eastbound	Tue 10-Jan-17	Mon 16-Jan-17	60	2398	354	343	38.1
		Channel: Westbound	Tue 10-Jan-17	Mon 16-Jan-17		2717	383	388	34.8

12637		CHIRK				
JANUARY 2017					Posted Speed Limit (PSL)	Average Mean Speed
Site	Location	Direction	Start Date	End Date		
Site No: 12637001	Site 1, Old Black Park Rd, Chirk - att to Tree OSGR SJ 29768 39746	Channel: Eastbound	Tue 10-Jan-17	Mon 16-Jan-17	60	29.9
		Channel: Westbound	Tue 10-Jan-17	Mon 16-Jan-17		27.3

12637	CHIRK			Site No: 12637001			Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %	
Tue 10-Jan-17												
00:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	
01:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	
02:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	
03:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	
05:00	3	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0	
06:00	5	2	40.0	3	60.0	0	0.0	0	0.0	0	0.0	
07:00	19	1	5.3	16	84.2	2	10.5	0	0.0	0	0.0	
08:00	18	1	5.6	16	88.9	1	5.6	0	0.0	0	0.0	
09:00	19	0	0.0	16	84.2	2	10.5	0	0.0	1	5.3	
10:00	15	0	0.0	14	93.3	1	6.7	0	0.0	0	0.0	
11:00	22	0	0.0	21	95.5	1	4.6	0	0.0	0	0.0	
12:00	37	0	0.0	30	81.1	3	8.1	3	8.1	1	2.7	
13:00	26	0	0.0	21	80.8	5	19.2	0	0.0	0	0.0	
14:00	20	0	0.0	16	80.0	4	20.0	0	0.0	0	0.0	
15:00	24	0	0.0	19	79.2	1	4.2	3	12.5	1	4.2	
16:00	25	1	4.0	23	92.0	1	4.0	0	0.0	0	0.0	
17:00	28	0	0.0	25	89.3	3	10.7	0	0.0	0	0.0	
18:00	29	0	0.0	27	93.1	2	6.9	0	0.0	0	0.0	
19:00	17	0	0.0	17	100.0	0	0.0	0	0.0	0	0.0	
20:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	
21:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0	
22:00	11	0	0.0	10	90.9	1	9.1	0	0.0	0	0.0	
23:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0	
12H,7-19	282	3	1.1	244	86.5	26	9.2	6	2.1	3	1.1	
16H,6-22	314	5	1.6	274	87.3	26	8.3	6	1.9	3	1.0	
18H,6-24	331	5	1.5	290	87.6	27	8.2	6	1.8	3	0.9	
24H,0-24	342	6	1.8	298	87.1	29	8.5	6	1.8	3	0.9	

12637	CHIRK			Site No: 12637001			Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %	
Wed 11-Jan-17												
00:00	0	0	-	0	-	0	-	0	-	0	-	
01:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	
02:00	0	0	-	0	-	0	-	0	-	0	-	
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	
04:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	
05:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0	
06:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0	
07:00	20	2	10.0	15	75.0	3	15.0	0	0.0	0	0.0	
08:00	17	1	5.9	16	94.1	0	0.0	0	0.0	0	0.0	
09:00	23	0	0.0	17	73.9	5	21.7	0	0.0	1	4.4	
10:00	25	0	0.0	23	92.0	2	8.0	0	0.0	0	0.0	
11:00	28	1	3.6	23	82.1	4	14.3	0	0.0	0	0.0	
12:00	23	0	0.0	19	82.6	2	8.7	1	4.4	1	4.4	
13:00	36	0	0.0	32	88.9	4	11.1	0	0.0	0	0.0	
14:00	18	0	0.0	15	83.3	3	16.7	0	0.0	0	0.0	
15:00	35	0	0.0	25	71.4	7	20.0	2	5.7	1	2.9	
16:00	33	0	0.0	31	93.9	2	6.1	0	0.0	0	0.0	
17:00	42	0	0.0	38	90.5	4	9.5	0	0.0	0	0.0	
18:00	26	0	0.0	26	100.0	0	0.0	0	0.0	0	0.0	
19:00	14	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0	
20:00	12	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0	
21:00	8	0	0.0	6	75.0	2	25.0	0	0.0	0	0.0	
22:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0	
23:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	
12H,7-19	326	4	1.2	280	85.9	36	11.0	3	0.9	3	0.9	
16H,6-22	363	4	1.1	314	86.5	39	10.7	3	0.8	3	0.8	
18H,6-24	373	4	1.1	324	86.9	39	10.5	3	0.8	3	0.8	
24H,0-24	382	4	1.1	331	86.7	41	10.7	3	0.8	3	0.8	

12637	CHIRK	Site No: 12637001	Location	Site 1, Old Black Park Rd, Chirk - att to Tree							
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Thu 12-Jan-17											
00:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
01:00	3	0	0.0	1	33.3	2	66.7	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	2	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0
04:00	0	0	-	0	-	0	-	0	-	0	-
05:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
06:00	5	0	0.0	3	60.0	1	20.0	1	20.0	0	0.0
07:00	26	1	3.9	23	88.5	2	7.7	0	0.0	0	0.0
08:00	23	1	4.4	19	82.6	2	8.7	1	4.4	0	0.0
09:00	25	0	0.0	22	88.0	2	8.0	0	0.0	1	4.0
10:00	11	1	9.1	8	72.7	2	18.2	0	0.0	0	0.0
11:00	28	0	0.0	26	92.9	2	7.1	0	0.0	0	0.0
12:00	22	0	0.0	20	90.9	1	4.6	0	0.0	1	4.6
13:00	29	1	3.5	24	82.8	3	10.3	1	3.5	0	0.0
14:00	26	0	0.0	22	84.6	4	15.4	0	0.0	0	0.0
15:00	31	1	3.2	24	77.4	3	9.7	2	6.5	1	3.2
16:00	42	0	0.0	38	90.5	4	9.5	0	0.0	0	0.0
17:00	25	0	0.0	24	96.0	1	4.0	0	0.0	0	0.0
18:00	27	0	0.0	27	100.0	0	0.0	0	0.0	0	0.0
19:00	18	0	0.0	16	88.9	2	11.1	0	0.0	0	0.0
20:00	7	0	0.0	6	85.7	1	14.3	0	0.0	0	0.0
21:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
22:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
23:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	315	5	1.6	277	87.9	26	8.3	4	1.3	3	1.0
16H,6-22	354	5	1.4	311	87.9	30	8.5	5	1.4	3	0.9
18H,6-24	360	5	1.4	316	87.8	31	8.6	5	1.4	3	0.8
24H,0-24	372	6	1.6	324	87.1	34	9.1	5	1.3	3	0.8

12637		CHIRK		Site No: 12637001		Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Fri 13-Jan-17											
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
04:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
05:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
06:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
07:00	22	0	0.0	19	86.4	3	13.6	0	0.0	0	0.0
08:00	24	0	0.0	20	83.3	4	16.7	0	0.0	0	0.0
09:00	19	0	0.0	13	68.4	5	26.3	0	0.0	1	5.3
10:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
11:00	19	1	5.3	17	89.5	1	5.3	0	0.0	0	0.0
12:00	30	0	0.0	28	93.3	0	0.0	1	3.3	1	3.3
13:00	39	1	2.6	33	84.6	4	10.3	1	2.6	0	0.0
14:00	22	0	0.0	18	81.8	3	13.6	1	4.6	0	0.0
15:00	21	0	0.0	16	76.2	2	9.5	2	9.5	1	4.8
16:00	34	0	0.0	32	94.1	2	5.9	0	0.0	0	0.0
17:00	43	1	2.3	40	93.0	2	4.7	0	0.0	0	0.0
18:00	26	0	0.0	25	96.2	1	3.9	0	0.0	0	0.0
19:00	20	0	0.0	20	100.0	0	0.0	0	0.0	0	0.0
20:00	9	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
21:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
22:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
23:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	313	3	1.0	274	87.5	28	9.0	5	1.6	3	1.0
16H,6-22	350	3	0.9	309	88.3	30	8.6	5	1.4	3	0.9
18H,6-24	355	3	0.9	314	88.5	30	8.5	5	1.4	3	0.9
24H,0-24	365	3	0.8	322	88.2	32	8.8	5	1.4	3	0.8

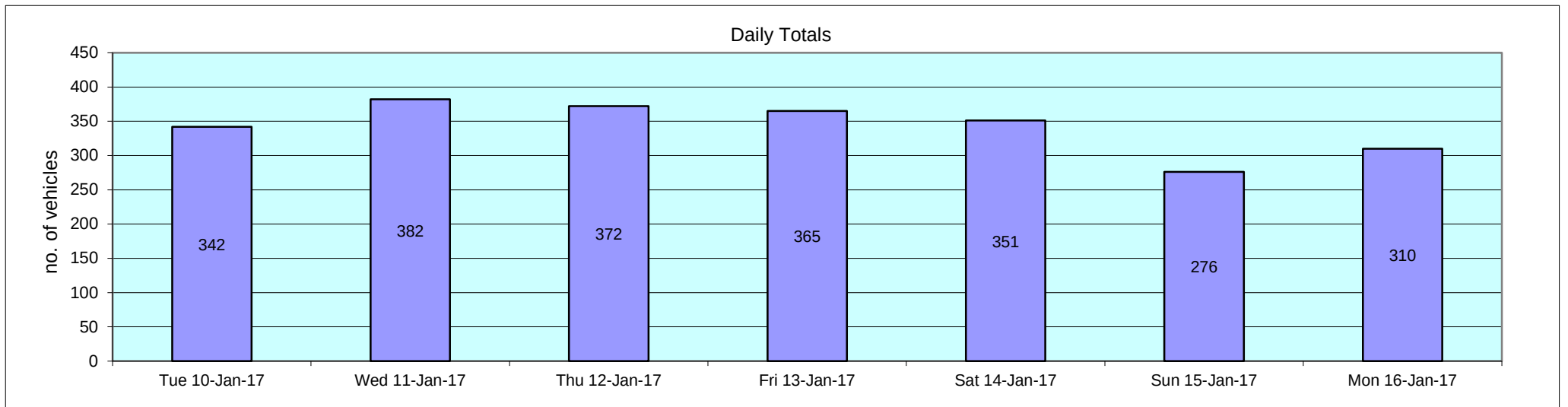
12637		CHIRK		Site No: 12637001		Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sat 14-Jan-17											
00:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
01:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
02:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
03:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
04:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
05:00	1	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0
06:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
07:00	6	0	0.0	4	66.7	2	33.3	0	0.0	0	0.0
08:00	14	1	7.1	13	92.9	0	0.0	0	0.0	0	0.0
09:00	22	0	0.0	19	86.4	1	4.6	2	9.1	0	0.0
10:00	23	0	0.0	21	91.3	2	8.7	0	0.0	0	0.0
11:00	30	0	0.0	28	93.3	1	3.3	1	3.3	0	0.0
12:00	36	0	0.0	34	94.4	1	2.8	1	2.8	0	0.0
13:00	28	1	3.6	26	92.9	1	3.6	0	0.0	0	0.0
14:00	32	0	0.0	29	90.6	3	9.4	0	0.0	0	0.0
15:00	31	0	0.0	29	93.6	1	3.2	1	3.2	0	0.0
16:00	14	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0
17:00	18	0	0.0	18	100.0	0	0.0	0	0.0	0	0.0
18:00	37	0	0.0	36	97.3	1	2.7	0	0.0	0	0.0
19:00	16	0	0.0	15	93.8	0	0.0	1	6.3	0	0.0
20:00	11	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
21:00	6	1	16.7	5	83.3	0	0.0	0	0.0	0	0.0
22:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
23:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	291	2	0.7	271	93.1	13	4.5	5	1.7	0	0.0
16H,6-22	327	3	0.9	305	93.3	13	4.0	6	1.8	0	0.0
18H,6-24	336	3	0.9	314	93.5	13	3.9	6	1.8	0	0.0
24H,0-24	351	3	0.9	325	92.6	16	4.6	7	2.0	0	0.0

12637		CHIRK		Site No: 12637001		Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sun 15-Jan-17											
00:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
01:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
06:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
07:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
08:00	12	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0
09:00	12	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0
10:00	16	0	0.0	15	93.8	1	6.3	0	0.0	0	0.0
11:00	19	0	0.0	18	94.7	1	5.3	0	0.0	0	0.0
12:00	24	0	0.0	23	95.8	1	4.2	0	0.0	0	0.0
13:00	35	0	0.0	34	97.1	1	2.9	0	0.0	0	0.0
14:00	26	0	0.0	25	96.2	1	3.9	0	0.0	0	0.0
15:00	23	2	8.7	20	87.0	1	4.4	0	0.0	0	0.0
16:00	25	0	0.0	25	100.0	0	0.0	0	0.0	0	0.0
17:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
18:00	17	1	5.9	15	88.2	1	5.9	0	0.0	0	0.0
19:00	11	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
20:00	11	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
21:00	6	0	0.0	4	66.7	2	33.3	0	0.0	0	0.0
22:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
23:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	224	3	1.3	213	95.1	8	3.6	0	0.0	0	0.0
16H,6-22	253	3	1.2	240	94.9	10	4.0	0	0.0	0	0.0
18H,6-24	261	3	1.2	248	95.0	10	3.8	0	0.0	0	0.0
24H,0-24	276	3	1.1	263	95.3	10	3.6	0	0.0	0	0.0

12637	CHIRK			Site No: 12637001			Location		Site 1, Old Black Park Rd, Chirk - att to Tree		
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Mon 16-Jan-17											
00:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
03:00	0	0	-	0	-	0	-	0	-	0	-
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
07:00	17	0	0.0	14	82.4	3	17.7	0	0.0	0	0.0
08:00	20	0	0.0	19	95.0	1	5.0	0	0.0	0	0.0
09:00	21	1	4.8	15	71.4	4	19.1	0	0.0	1	4.8
10:00	18	0	0.0	14	77.8	3	16.7	1	5.6	0	0.0
11:00	24	0	0.0	19	79.2	4	16.7	1	4.2	0	0.0
12:00	20	0	0.0	18	90.0	1	5.0	0	0.0	1	5.0
13:00	20	0	0.0	17	85.0	2	10.0	1	5.0	0	0.0
14:00	21	0	0.0	16	76.2	4	19.1	1	4.8	0	0.0
15:00	22	0	0.0	19	86.4	0	0.0	2	9.1	1	4.6
16:00	28	0	0.0	24	85.7	2	7.1	2	7.1	0	0.0
17:00	22	0	0.0	19	86.4	3	13.6	0	0.0	0	0.0
18:00	21	0	0.0	21	100.0	0	0.0	0	0.0	0	0.0
19:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
20:00	13	0	0.0	10	76.9	3	23.1	0	0.0	0	0.0
21:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
22:00	7	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
23:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	254	1	0.4	215	84.7	27	10.6	8	3.2	3	1.2
16H,6-22	288	1	0.4	246	85.4	30	10.4	8	2.8	3	1.0
18H,6-24	300	1	0.3	258	86.0	30	10.0	8	2.7	3	1.0
24H,0-24	310	1	0.3	265	85.5	33	10.7	8	2.6	3	1.0

12637	CHIRK	Site No: 12637001	Location	Site 1, Old Black Park Rd, Chirk - att to Tree
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Eastbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Tue 10-Jan-17	342	6	1.8	298	87.1	29	8.5	6	1.8	3	0.9
Wed 11-Jan-17	382	4	1.1	331	86.7	41	10.7	3	0.8	3	0.8
Thu 12-Jan-17	372	6	1.6	324	87.1	34	9.1	5	1.3	3	0.8
Fri 13-Jan-17	365	3	0.8	322	88.2	32	8.8	5	1.4	3	0.8
Sat 14-Jan-17	351	3	0.9	325	92.6	16	4.6	7	2.0	0	0.0
Sun 15-Jan-17	276	3	1.1	263	95.3	10	3.6	0	0.0	0	0.0
Mon 16-Jan-17	310	1	0.3	265	85.5	33	10.7	8	2.6	3	1.0
Total Vehicles											
[--]	2398	26	1.1	2128	88.9	195	8.0	34	1.4	15	0.6



12637		CHIRK			Site No: 12637001				Location Site 1, Old Black Park Rd, Chirk - att to Tree							
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Tue 10-Jan-17																
00:00	2	-	36	3.5	0	0	0	2	0	0	0	0	0	0	0	0
01:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	2	-	36	3.5	0	0	0	2	0	0	0	0	0	0	0	0
03:00	2	-	39.8	5.3	0	0	0	1	1	0	0	0	0	0	0	0
04:00	1	-	16	-	0	1	0	0	0	0	0	0	0	0	0	0
05:00	3	-	26	3.3	0	0	3	0	0	0	0	0	0	0	0	0
06:00	5	-	30	9.2	0	1	1	3	0	0	0	0	0	0	0	0
07:00	19	38.1	31.4	7.1	0	0	10	8	0	1	0	0	0	0	0	0
08:00	18	30.3	27.7	4.8	0	0	15	3	0	0	0	0	0	0	0	0
09:00	19	37.6	30.1	7.2	0	1	10	7	1	0	0	0	0	0	0	0
10:00	15	35.5	28.7	6.6	0	1	9	5	0	0	0	0	0	0	0	0
11:00	22	36.8	29.6	6.5	0	1	12	9	0	0	0	0	0	0	0	0
12:00	37	36.4	28.1	7.5	0	5	20	11	1	0	0	0	0	0	0	0
13:00	26	36.1	28.3	7.1	0	3	14	9	0	0	0	0	0	0	0	0
14:00	20	36	28.9	6.8	0	1	13	5	1	0	0	0	0	0	0	0
15:00	24	37.3	29.8	7.1	0	2	11	11	0	0	0	0	0	0	0	0
16:00	25	34.9	28	6.5	0	2	16	7	0	0	0	0	0	0	0	0
17:00	28	38.5	31.6	6.8	0	1	11	15	1	0	0	0	0	0	0	0
18:00	29	37.5	30.1	6.9	0	2	13	14	0	0	0	0	0	0	0	0
19:00	17	37.6	31.3	5.9	0	0	8	9	0	0	0	0	0	0	0	0
20:00	4	-	38.5	9.8	0	0	1	1	1	1	0	0	0	0	0	0
21:00	6	-	31	8.7	0	1	1	4	0	0	0	0	0	0	0	0
22:00	11	38.7	32.1	6.9	0	0	5	5	1	0	0	0	0	0	0	0
23:00	6	-	36	3.1	0	0	0	6	0	0	0	0	0	0	0	0
12H,7-19	282	37.4	29.3	6.9	0	19	154	104	4	1	0	0	0	0	0	0
16H,6-22	314	37.6	29.6	7	0	21	165	121	5	2	0	0	0	0	0	0
18H,6-24	331	37.8	29.8	7	0	21	170	132	6	2	0	0	0	0	0	0
24H,0-24	342	37.9	29.9	7	0	22	173	138	7	2	0	0	0	0	0	0

12637		CHIRK			Site No: 12637001				Location Site 1, Old Black Park Rd, Chirk - att to Tree							
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Wed 11-Jan-17																
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
04:00	2	-	26	14.1	0	1	0	1	0	0	0	0	0	0	0	0
05:00	5	-	33	9.9	0	0	3	0	2	0	0	0	0	0	0	0
06:00	3	-	40.2	7.6	0	0	0	2	0	1	0	0	0	0	0	0
07:00	20	38.5	32.4	7.6	0	0	9	10	0	0	1	0	0	0	0	0
08:00	17	39.5	32.2	7	0	0	8	7	2	0	0	0	0	0	0	0
09:00	23	36.8	28.9	7.3	0	2	13	7	1	0	0	0	0	0	0	0
10:00	25	38.2	29.4	8.2	0	3	12	8	2	0	0	0	0	0	0	0
11:00	28	36.4	28.5	7.5	1	1	17	8	1	0	0	0	0	0	0	0
12:00	23	37.3	30	7.4	0	1	13	8	0	1	0	0	0	0	0	0
13:00	36	37.1	29.6	6.6	0	2	19	15	0	0	0	0	0	0	0	0
14:00	18	38.6	32	6.4	0	0	8	9	1	0	0	0	0	0	0	0
15:00	35	36.2	27.7	7.6	0	6	17	12	0	0	0	0	0	0	0	0
16:00	33	38.1	31.5	6.3	0	1	13	19	0	0	0	0	0	0	0	0
17:00	42	36.9	28.6	7.6	1	3	23	14	1	0	0	0	0	0	0	0
18:00	26	37	28.7	7.8	0	4	11	11	0	0	0	0	0	0	0	0
19:00	14	38.3	30.8	7.7	0	1	6	6	1	0	0	0	0	0	0	0
20:00	12	42.2	35.4	7	0	0	3	6	3	0	0	0	0	0	0	0
21:00	8	-	33.5	5.5	0	0	2	6	0	0	0	0	0	0	0	0
22:00	6	-	33.9	9.6	0	1	0	4	1	0	0	0	0	0	0	0
23:00	4	-	35.4	7.5	0	0	1	2	1	0	0	0	0	0	0	0
12H,7-19	326	37.9	29.7	7.4	2	23	163	128	8	1	1	0	0	0	0	0
16H,6-22	363	38.3	30.1	7.4	2	24	174	148	12	2	1	0	0	0	0	0
18H,6-24	373	38.4	30.2	7.5	2	25	175	154	14	2	1	0	0	0	0	0
24H,0-24	382	38.5	30.2	7.5	2	26	179	156	16	2	1	0	0	0	0	0

12637		CHIRK			Site No: 12637001			Location Site 1, Old Black Park Rd, Chirk - att to Tree								
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Thu 12-Jan-17																
00:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0
01:00	3	-	40.2	7.6	0	0	0	2	0	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	-	16	3.5	0	2	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
05:00	5	-	26	7.5	0	1	3	1	0	0	0	0	0	0	0	0
06:00	5	-	28.5	12.2	0	1	3	0	0	1	0	0	0	0	0	0
07:00	26	39.2	32.2	7.5	0	1	10	13	1	1	0	0	0	0	0	0
08:00	23	31.1	26.4	6.3	0	3	16	4	0	0	0	0	0	0	0	0
09:00	25	38.2	30.8	7.7	0	3	7	15	0	0	0	0	0	0	0	0
10:00	11	36.7	28.1	9.6	1	1	4	5	0	0	0	0	0	0	0	0
11:00	28	38.5	31.3	7.3	0	2	10	15	1	0	0	0	0	0	0	0
12:00	22	37.5	29.5	7.6	0	2	11	8	1	0	0	0	0	0	0	0
13:00	29	38.4	31.2	7	0	0	16	11	1	1	0	0	0	0	0	0
14:00	26	37.3	28.3	8.7	0	6	8	12	0	0	0	0	0	0	0	0
15:00	31	38.2	30.1	8	0	4	11	15	1	0	0	0	0	0	0	0
16:00	42	37.6	30.3	6.6	0	2	20	20	0	0	0	0	0	0	0	0
17:00	25	36.9	29.1	7.2	0	2	14	8	1	0	0	0	0	0	0	0
18:00	27	37.5	29.3	7.9	0	4	10	13	0	0	0	0	0	0	0	0
19:00	18	35.7	29.3	5.7	0	0	12	6	0	0	0	0	0	0	0	0
20:00	7	-	28.9	5.7	0	0	5	2	0	0	0	0	0	0	0	0
21:00	9	-	28.2	8.8	0	2	3	4	0	0	0	0	0	0	0	0
22:00	5	-	31.5	10.8	0	1	1	2	1	0	0	0	0	0	0	0
23:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
12H,7-19	315	38.1	29.9	7.5	1	30	137	139	6	2	0	0	0	0	0	0
16H,6-22	354	38	29.8	7.5	1	33	160	151	6	3	0	0	0	0	0	0
18H,6-24	360	38.1	29.8	7.5	1	34	162	153	7	3	0	0	0	0	0	0
24H,0-24	372	38.1	29.8	7.6	1	37	166	157	7	4	0	0	0	0	0	0

12637		CHIRK			Site No: 12637001		Location Site 1, Old Black Park Rd, Chirk - att to Tree									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Fri 13-Jan-17																
00:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
01:00	1	-	16	-	0	1	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	16	-	0	1	0	0	0	0	0	0	0	0	0	0
04:00	3	-	26	10	0	1	1	1	0	0	0	0	0	0	0	0
05:00	4	-	28.5	5.7	0	0	3	1	0	0	0	0	0	0	0	0
06:00	2	-	34.8	12.4	0	0	1	0	1	0	0	0	0	0	0	0
07:00	22	37.2	30.1	6.6	0	1	11	10	0	0	0	0	0	0	0	0
08:00	24	36.9	29.3	7	0	2	12	10	0	0	0	0	0	0	0	0
09:00	19	37.3	30.2	6.7	0	1	9	9	0	0	0	0	0	0	0	0
10:00	14	41.7	33.3	7.7	0	0	6	5	3	0	0	0	0	0	0	0
11:00	19	38.1	30.1	7.9	0	2	8	8	1	0	0	0	0	0	0	0
12:00	30	40.2	32	7.6	0	1	13	12	4	0	0	0	0	0	0	0
13:00	39	36.5	28.6	7	0	4	21	14	0	0	0	0	0	0	0	0
14:00	22	37	29.5	6.9	0	1	13	7	1	0	0	0	0	0	0	0
15:00	21	36.6	28.7	7.4	0	2	12	6	1	0	0	0	0	0	0	0
16:00	34	34	28.4	5.2	0	0	26	8	0	0	0	0	0	0	0	0
17:00	43	36.5	29.1	6.4	0	1	29	11	2	0	0	0	0	0	0	0
18:00	26	36.1	29.1	6.2	0	1	16	9	0	0	0	0	0	0	0	0
19:00	20	35.2	27.6	7.6	1	1	12	6	0	0	0	0	0	0	0	0
20:00	9	-	29.3	5.8	0	0	6	3	0	0	0	0	0	0	0	0
21:00	6	-	29.3	8.6	0	1	2	3	0	0	0	0	0	0	0	0
22:00	2	-	26	3.5	0	0	2	0	0	0	0	0	0	0	0	0
23:00	3	-	29.3	6.3	0	0	2	1	0	0	0	0	0	0	0	0
12H,7-19	313	37.7	29.6	6.8	0	16	176	109	12	0	0	0	0	0	0	0
16H,6-22	350	37.7	29.5	6.9	1	18	197	121	13	0	0	0	0	0	0	0
18H,6-24	355	37.7	29.5	6.9	1	18	201	122	13	0	0	0	0	0	0	0
24H,0-24	365	37.6	29.4	6.9	1	21	205	125	13	0	0	0	0	0	0	0

12637		CHIRK			Site No: 12637001				Location Site 1, Old Black Park Rd, Chirk - att to Tree							
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Sat 14-Jan-17																
00:00	5	-	26	7.5	0	1	3	1	0	0	0	0	0	0	0	0
01:00	3	-	22.7	6.3	0	1	2	0	0	0	0	0	0	0	0	0
02:00	4	-	30.4	9.2	0	0	3	0	1	0	0	0	0	0	0	0
03:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	1	-	53.5	-	0	0	0	0	0	0	1	0	0	0	0	0
05:00	1	-	16	-	0	1	0	0	0	0	0	0	0	0	0	0
06:00	3	-	26	3.3	0	0	3	0	0	0	0	0	0	0	0	0
07:00	6	-	33.9	9.6	0	1	0	4	1	0	0	0	0	0	0	0
08:00	14	38.7	31.5	7.7	0	1	5	7	1	0	0	0	0	0	0	0
09:00	22	36.3	28.3	7.4	0	3	11	8	0	0	0	0	0	0	0	0
10:00	23	38.2	31.2	7.3	0	2	7	14	0	0	0	0	0	0	0	0
11:00	30	38.3	31.6	6.2	0	0	14	15	1	0	0	0	0	0	0	0
12:00	36	37.5	30.4	6.3	0	1	18	17	0	0	0	0	0	0	0	0
13:00	28	37.6	29.9	7.4	0	3	11	14	0	0	0	0	0	0	0	0
14:00	32	36.7	29	6.9	0	2	19	10	1	0	0	0	0	0	0	0
15:00	31	37.8	30.1	7.1	0	2	15	13	1	0	0	0	0	0	0	0
16:00	14	36.7	29.6	6.9	0	1	7	6	0	0	0	0	0	0	0	0
17:00	18	34.6	28.2	6.2	0	1	12	5	0	0	0	0	0	0	0	0
18:00	37	36.7	29	6.8	0	3	20	14	0	0	0	0	0	0	0	0
19:00	16	36.3	29	7.2	0	1	10	4	1	0	0	0	0	0	0	0
20:00	11	42.4	34.4	7.8	0	0	4	4	3	0	0	0	0	0	0	0
21:00	6	-	32.7	6	0	0	2	4	0	0	0	0	0	0	0	0
22:00	6	-	33.1	11.2	0	1	1	3	0	1	0	0	0	0	0	0
23:00	3	-	29.3	6.3	0	0	2	1	0	0	0	0	0	0	0	0
12H,7-19	291	37.9	30	7	0	20	139	127	5	0	0	0	0	0	0	0
16H,6-22	327	38.1	30.1	7	0	21	158	139	9	0	0	0	0	0	0	0
18H,6-24	336	38.1	30.1	7.1	0	22	161	143	9	1	0	0	0	0	0	0
24H,0-24	351	38.2	30.1	7.2	0	25	169	145	10	1	1	0	0	0	0	0

12637		CHIRK			Site No: 12637001		Location Site 1, Old Black Park Rd, Chirk - att to Tree									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Sun 15-Jan-17																
00:00	5	-	28	8.7	0	1	2	2	0	0	0	0	0	0	0	0
01:00	3	-	32.7	6.3	0	0	1	2	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	-	21	7.1	0	1	1	0	0	0	0	0	0	0	0	0
04:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	4	-	32.9	8.8	0	0	2	1	1	0	0	0	0	0	0	0
06:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
07:00	1	-	16	-	0	1	0	0	0	0	0	0	0	0	0	0
08:00	12	35.3	25.2	9.5	0	5	3	4	0	0	0	0	0	0	0	0
09:00	12	28	25.8	8.4	0	3	7	1	1	0	0	0	0	0	0	0
10:00	16	36.3	27.4	9.6	0	4	7	4	0	1	0	0	0	0	0	0
11:00	19	38	31.3	6.8	0	1	7	11	0	0	0	0	0	0	0	0
12:00	24	37.6	30.1	6.9	0	1	13	9	1	0	0	0	0	0	0	0
13:00	35	36.7	29.4	6.4	0	1	22	11	1	0	0	0	0	0	0	0
14:00	26	36.6	29.8	5.8	0	0	16	10	0	0	0	0	0	0	0	0
15:00	23	36.1	27.7	7.7	0	4	11	8	0	0	0	0	0	0	0	0
16:00	25	37.1	30.4	5.9	0	0	14	11	0	0	0	0	0	0	0	0
17:00	14	37.8	30.8	6.7	0	0	8	5	1	0	0	0	0	0	0	0
18:00	17	39.7	32.8	9	0	1	6	8	1	0	1	0	0	0	0	0
19:00	11	42.4	35.3	7.3	0	0	3	5	3	0	0	0	0	0	0	0
20:00	11	38.3	32.4	7.3	0	1	2	8	0	0	0	0	0	0	0	0
21:00	6	-	32.3	7.8	0	0	3	2	1	0	0	0	0	0	0	0
22:00	5	-	34	5.3	0	0	1	4	0	0	0	0	0	0	0	0
23:00	3	-	29.3	6.3	0	0	2	1	0	0	0	0	0	0	0	0
12H,7-19	224	37.7	29.3	7.5	0	21	114	82	5	1	1	0	0	0	0	0
16H,6-22	253	38.2	29.8	7.5	0	22	122	98	9	1	1	0	0	0	0	0
18H,6-24	261	38.2	29.9	7.5	0	22	125	103	9	1	1	0	0	0	0	0
24H,0-24	276	38.3	29.9	7.5	0	24	131	109	10	1	1	0	0	0	0	0

12637		CHIRK			Site No: 12637001		Location Site 1, Old Black Park Rd, Chirk - att to Tree									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Mon 16-Jan-17																
00:00	5	-	36.5	8.3	0	0	1	3	0	1	0	0	0	0	0	0
01:00	1	-	53.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	16	-	0	1	0	0	0	0	0	0	0	0	0	0
05:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0
06:00	6	-	27.7	8	0	1	3	2	0	0	0	0	0	0	0	0
07:00	17	35.9	28.4	7.3	0	2	9	6	0	0	0	0	0	0	0	0
08:00	20	34	27	7	0	3	12	5	0	0	0	0	0	0	0	0
09:00	21	37.7	30.2	7.1	0	1	11	8	1	0	0	0	0	0	0	0
10:00	18	39.2	33.1	7	0	1	4	12	1	0	0	0	0	0	0	0
11:00	24	37.9	30.5	6.9	0	1	12	10	1	0	0	0	0	0	0	0
12:00	20	37.5	30.5	6.7	0	1	9	10	0	0	0	0	0	0	0	0
13:00	20	36.6	29	7.2	0	2	10	8	0	0	0	0	0	0	0	0
14:00	21	36.4	28.4	7.6	0	3	10	8	0	0	0	0	0	0	0	0
15:00	22	37.8	30.1	7.9	0	3	7	12	0	0	0	0	0	0	0	0
16:00	28	38.9	29.9	9.6	0	6	7	13	1	1	0	0	0	0	0	0
17:00	22	38.2	31.3	6.4	0	0	11	10	1	0	0	0	0	0	0	0
18:00	21	36.9	30.3	5.9	0	0	12	9	0	0	0	0	0	0	0	0
19:00	9	-	33.5	6.7	0	0	3	5	1	0	0	0	0	0	0	0
20:00	13	34.9	26.8	8.1	0	3	6	4	0	0	0	0	0	0	0	0
21:00	6	-	29.3	6	0	0	4	2	0	0	0	0	0	0	0	0
22:00	7	-	33.1	5.7	0	0	2	5	0	0	0	0	0	0	0	0
23:00	5	-	29.5	8.3	0	0	4	0	1	0	0	0	0	0	0	0
12H,7-19	254	38.1	29.9	7.3	0	23	114	111	5	1	0	0	0	0	0	0
16H,6-22	288	38	29.8	7.4	0	27	130	124	6	1	0	0	0	0	0	0
18H,6-24	300	38.1	29.9	7.4	0	27	136	129	7	1	0	0	0	0	0	0
24H,0-24	310	38.2	30	7.5	0	28	138	134	7	2	1	0	0	0	0	0

12637	CHIRK	Site No: 12637001	Location Site 1, Old Black Park Rd, Chirk - att to Tree
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Eastbound	

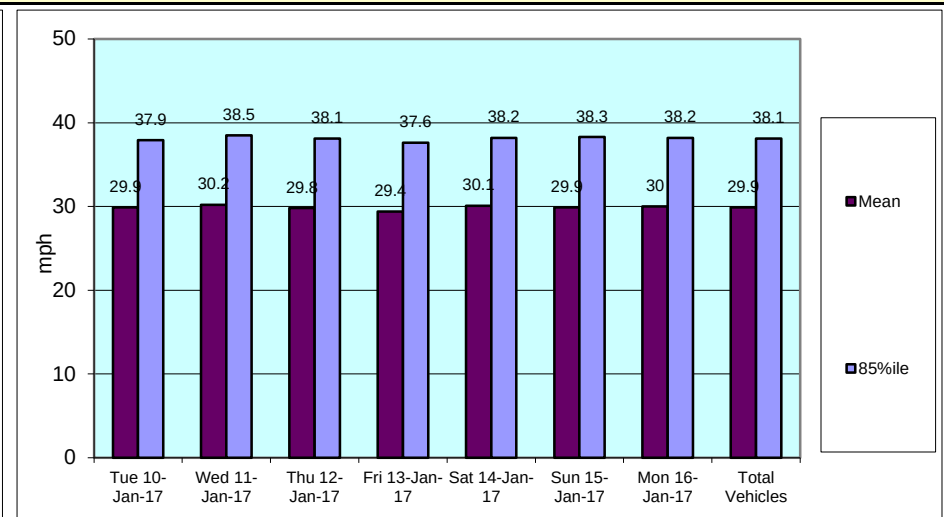
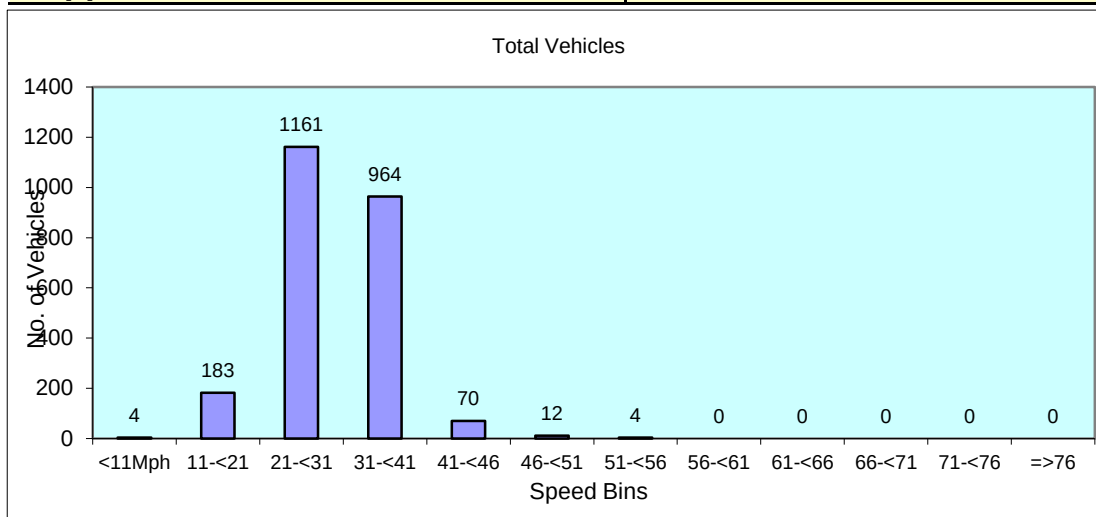
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
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Daily Totals

Tue 10-Jan-17	342	37.9	29.9	7	0	22	173	138	7	2	0	0	0	0	0	0
Wed 11-Jan-17	382	38.5	30.2	7.5	2	26	179	156	16	2	1	0	0	0	0	0
Thu 12-Jan-17	372	38.1	29.8	7.6	1	37	166	157	7	4	0	0	0	0	0	0
Fri 13-Jan-17	365	37.6	29.4	6.9	1	21	205	125	13	0	0	0	0	0	0	0
Sat 14-Jan-17	351	38.2	30.1	7.2	0	25	169	145	10	1	1	0	0	0	0	0
Sun 15-Jan-17	276	38.3	29.9	7.5	0	24	131	109	10	1	1	0	0	0	0	0
Mon 16-Jan-17	310	38.2	30	7.5	0	28	138	134	7	2	1	0	0	0	0	0

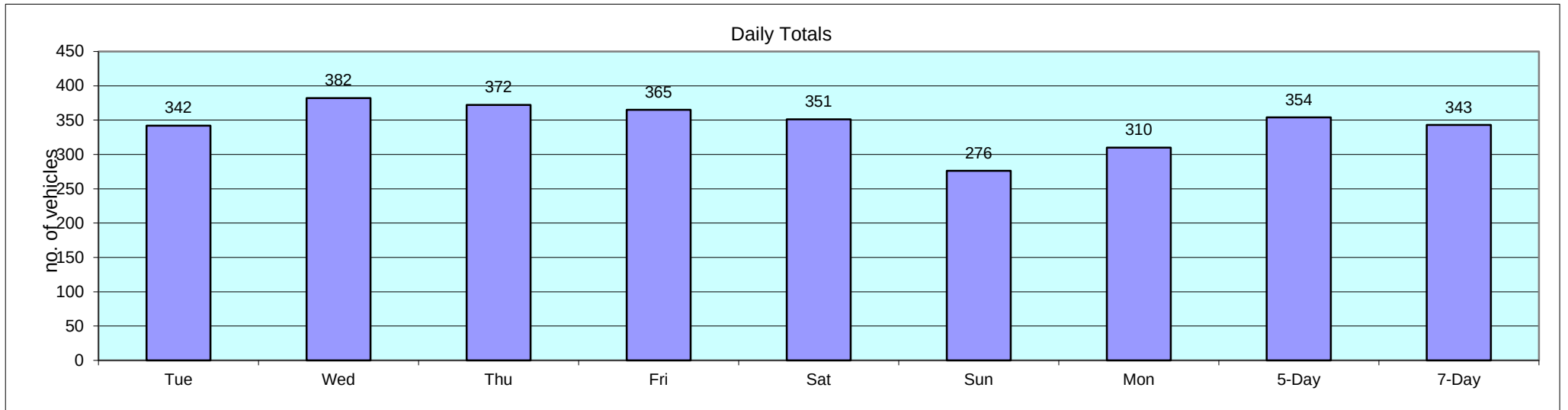
Total Vehicles

[--]	2398	38.1	29.9	7.3	4	183	1161	964	70	12	4	0	0	0	0	0
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12637	CHIRK	Site No: 12637001		Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Channel: Eastbound									
	Tue	Wed	Thu	Fri	Sat	Sun	Mon	5-Day	7-Day
TIME PERIOD	10/01/17	11/01/17	12/01/17	13/01/17	14/01/17	15/01/17	16/01/17	Av	Av
Week Begin: 10-Jan-17									
00:00	2	0	2	1	5	5	5	2	3
01:00	1	1	3	1	3	3	1	1	2
02:00	2	0	0	0	4	0	1	1	1
03:00	2	1	2	1	1	2	0	1	1
04:00	1	2	0	3	1	1	1	1	1
05:00	3	5	5	4	1	4	2	4	3
06:00	5	3	5	2	3	1	6	4	4
07:00	19	20	26	22	6	1	17	21	16
08:00	18	17	23	24	14	12	20	20	18
09:00	19	23	25	19	22	12	21	21	20
10:00	15	25	11	14	23	16	18	17	17
11:00	22	28	28	19	30	19	24	24	24
12:00	37	23	22	30	36	24	20	26	27
13:00	26	36	29	39	28	35	20	30	30
14:00	20	18	26	22	32	26	21	21	24
15:00	24	35	31	21	31	23	22	27	27
16:00	25	33	42	34	14	25	28	32	29
17:00	28	42	25	43	18	14	22	32	27
18:00	29	26	27	26	37	17	21	26	26
19:00	17	14	18	20	16	11	9	16	15
20:00	4	12	7	9	11	11	13	9	10
21:00	6	8	9	6	6	6	6	7	7
22:00	11	6	5	2	6	5	7	6	6
23:00	6	4	1	3	3	3	5	4	4
12H,7-19	282	326	315	313	291	224	254	298	286
16H,6-22	314	363	354	350	327	253	288	334	321
18H,6-24	331	373	360	355	336	261	300	344	331
24H,0-24	342	382	372	365	351	276	310	354	343
Am	11:00	11:00	11:00	08:00	11:00	11:00	11:00	-	-
Peak	22	28	28	24	30	19	24	25	25
Pm	12:00	17:00	16:00	17:00	18:00	13:00	16:00	-	-
Peak	37	42	42	43	37	35	28	38	38

	Tue	Wed	Thu	Fri	Sat	Sun	Mon	5-Day	7-Day
TIME PERIOD	10/01/17	11/01/17	12/01/17	13/01/17	14/01/17	15/01/17	16/01/17	Av	Av



12637		CHIRK		Site No: 12637001		Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Tue 10-Jan-17											
00:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
01:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
02:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
03:00	0	0	-	0	-	0	-	0	-	0	-
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
06:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
07:00	14	0	0.0	12	85.7	2	14.3	0	0.0	0	0.0
08:00	21	0	0.0	15	71.4	4	19.1	2	9.5	0	0.0
09:00	16	1	6.3	14	87.5	1	6.3	0	0.0	0	0.0
10:00	22	0	0.0	18	81.8	3	13.6	0	0.0	1	4.6
11:00	14	0	0.0	12	85.7	2	14.3	0	0.0	0	0.0
12:00	36	0	0.0	34	94.4	2	5.6	0	0.0	0	0.0
13:00	33	0	0.0	29	87.9	4	12.1	0	0.0	0	0.0
14:00	25	0	0.0	24	96.0	0	0.0	0	0.0	1	4.0
15:00	23	1	4.4	22	95.7	0	0.0	0	0.0	0	0.0
16:00	24	0	0.0	23	95.8	0	0.0	0	0.0	1	4.2
17:00	28	2	7.1	25	89.3	1	3.6	0	0.0	0	0.0
18:00	42	0	0.0	40	95.2	2	4.8	0	0.0	0	0.0
19:00	20	0	0.0	20	100.0	0	0.0	0	0.0	0	0.0
20:00	9	1	11.1	8	88.9	0	0.0	0	0.0	0	0.0
21:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
22:00	20	0	0.0	20	100.0	0	0.0	0	0.0	0	0.0
23:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	298	4	1.3	268	89.9	21	7.1	2	0.7	3	1.0
16H,6-22	341	5	1.5	310	90.9	21	6.2	2	0.6	3	0.9
18H,6-24	365	5	1.4	334	91.5	21	5.8	2	0.6	3	0.8
24H,0-24	374	5	1.3	341	91.2	23	6.2	2	0.5	3	0.8

12637		CHIRK		Site No: 12637001		Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Wed 11-Jan-17											
00:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
01:00	0	0	-	0	-	0	-	0	-	0	-
02:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
06:00	5	0	0.0	3	60.0	2	40.0	0	0.0	0	0.0
07:00	18	1	5.6	14	77.8	3	16.7	0	0.0	0	0.0
08:00	22	1	4.6	16	72.7	3	13.6	2	9.1	0	0.0
09:00	18	0	0.0	13	72.2	5	27.8	0	0.0	0	0.0
10:00	24	0	0.0	22	91.7	1	4.2	0	0.0	1	4.2
11:00	19	0	0.0	18	94.7	1	5.3	0	0.0	0	0.0
12:00	24	1	4.2	18	75.0	5	20.8	0	0.0	0	0.0
13:00	35	0	0.0	33	94.3	1	2.9	1	2.9	0	0.0
14:00	26	0	0.0	22	84.6	3	11.5	0	0.0	1	3.9
15:00	26	1	3.9	20	76.9	5	19.2	0	0.0	0	0.0
16:00	37	1	2.7	33	89.2	1	2.7	1	2.7	1	2.7
17:00	30	0	0.0	29	96.7	0	0.0	1	3.3	0	0.0
18:00	36	0	0.0	34	94.4	2	5.6	0	0.0	0	0.0
19:00	23	2	8.7	21	91.3	0	0.0	0	0.0	0	0.0
20:00	14	0	0.0	12	85.7	2	14.3	0	0.0	0	0.0
21:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
22:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
23:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
12H,7-19	315	5	1.6	272	86.4	30	9.5	5	1.6	3	1.0
16H,6-22	366	7	1.9	317	86.6	34	9.3	5	1.4	3	0.8
18H,6-24	377	7	1.9	327	86.7	35	9.3	5	1.3	3	0.8
24H,0-24	385	7	1.8	334	86.8	36	9.4	5	1.3	3	0.8

12637	CHIRK			Site No: 12637001			Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %	
Thu 12-Jan-17												
00:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	
01:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	
02:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	
03:00	0	0	-	0	-	0	-	0	-	0	-	
04:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	
05:00	0	0	-	0	-	0	-	0	-	0	-	
06:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	
07:00	11	0	0.0	8	72.7	2	18.2	1	9.1	0	0.0	
08:00	22	1	4.6	16	72.7	3	13.6	2	9.1	0	0.0	
09:00	23	0	0.0	20	87.0	3	13.0	0	0.0	0	0.0	
10:00	24	1	4.2	16	66.7	6	25.0	0	0.0	1	4.2	
11:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0	
12:00	33	0	0.0	32	97.0	1	3.0	0	0.0	0	0.0	
13:00	33	0	0.0	31	93.9	2	6.1	0	0.0	0	0.0	
14:00	34	1	2.9	29	85.3	3	8.8	0	0.0	1	2.9	
15:00	23	1	4.4	20	87.0	2	8.7	0	0.0	0	0.0	
16:00	52	0	0.0	48	92.3	2	3.9	1	1.9	1	1.9	
17:00	23	0	0.0	23	100.0	0	0.0	0	0.0	0	0.0	
18:00	28	0	0.0	27	96.4	1	3.6	0	0.0	0	0.0	
19:00	26	0	0.0	25	96.2	1	3.9	0	0.0	0	0.0	
20:00	19	0	0.0	17	89.5	2	10.5	0	0.0	0	0.0	
21:00	16	0	0.0	16	100.0	0	0.0	0	0.0	0	0.0	
22:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0	
23:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	
12H,7-19	316	4	1.3	280	88.6	25	7.9	4	1.3	3	1.0	
16H,6-22	381	4	1.1	342	89.8	28	7.4	4	1.1	3	0.8	
18H,6-24	394	4	1.0	355	90.1	28	7.1	4	1.0	3	0.8	
24H,0-24	404	4	1.0	363	89.9	30	7.4	4	1.0	3	0.7	

12637	CHIRK			Site No: 12637001			Location	Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Fri 13-Jan-17											
00:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	2	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0
04:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
05:00	2	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0
06:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
07:00	12	0	0.0	10	83.3	2	16.7	0	0.0	0	0.0
08:00	14	0	0.0	9	64.3	3	21.4	2	14.3	0	0.0
09:00	23	0	0.0	20	87.0	3	13.0	0	0.0	0	0.0
10:00	21	1	4.8	16	76.2	3	14.3	0	0.0	1	4.8
11:00	19	0	0.0	18	94.7	1	5.3	0	0.0	0	0.0
12:00	27	0	0.0	22	81.5	5	18.5	0	0.0	0	0.0
13:00	42	0	0.0	37	88.1	4	9.5	1	2.4	0	0.0
14:00	33	0	0.0	29	87.9	2	6.1	1	3.0	1	3.0
15:00	31	0	0.0	29	93.6	2	6.5	0	0.0	0	0.0
16:00	39	0	0.0	36	92.3	2	5.1	0	0.0	1	2.6
17:00	37	1	2.7	36	97.3	0	0.0	0	0.0	0	0.0
18:00	28	0	0.0	28	100.0	0	0.0	0	0.0	0	0.0
19:00	26	0	0.0	26	100.0	0	0.0	0	0.0	0	0.0
20:00	12	0	0.0	11	91.7	1	8.3	0	0.0	0	0.0
21:00	11	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
22:00	14	1	7.1	12	85.7	1	7.1	0	0.0	0	0.0
23:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	326	2	0.6	290	89.0	27	8.3	4	1.2	3	0.9
16H,6-22	381	2	0.5	343	90.0	29	7.6	4	1.1	3	0.8
18H,6-24	403	3	0.7	363	90.1	30	7.4	4	1.0	3	0.7
24H,0-24	412	4	1.0	367	89.1	32	7.8	6	1.5	3	0.7

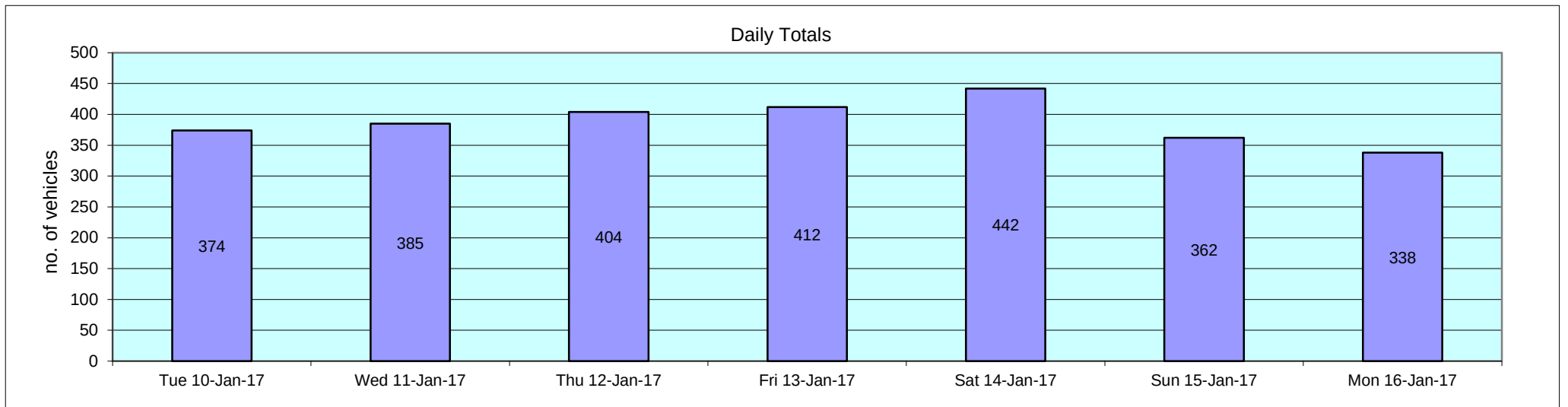
12637		CHIRK		Site No: 12637001		Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sat 14-Jan-17											
00:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
01:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
02:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	0	0	-	0	-	0	-	0	-	0	-
04:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
05:00	3	1	33.3	1	33.3	0	0.0	1	33.3	0	0.0
06:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
07:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
08:00	16	0	0.0	14	87.5	2	12.5	0	0.0	0	0.0
09:00	20	0	0.0	18	90.0	2	10.0	0	0.0	0	0.0
10:00	27	0	0.0	25	92.6	1	3.7	1	3.7	0	0.0
11:00	16	0	0.0	15	93.8	1	6.3	0	0.0	0	0.0
12:00	42	0	0.0	41	97.6	1	2.4	0	0.0	0	0.0
13:00	35	0	0.0	33	94.3	2	5.7	0	0.0	0	0.0
14:00	47	0	0.0	44	93.6	2	4.3	1	2.1	0	0.0
15:00	30	0	0.0	29	96.7	1	3.3	0	0.0	0	0.0
16:00	39	0	0.0	38	97.4	0	0.0	1	2.6	0	0.0
17:00	30	1	3.3	28	93.3	1	3.3	0	0.0	0	0.0
18:00	44	0	0.0	44	100.0	0	0.0	0	0.0	0	0.0
19:00	25	0	0.0	24	96.0	1	4.0	0	0.0	0	0.0
20:00	17	0	0.0	17	100.0	0	0.0	0	0.0	0	0.0
21:00	10	1	10.0	9	90.0	0	0.0	0	0.0	0	0.0
22:00	13	0	0.0	12	92.3	1	7.7	0	0.0	0	0.0
23:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	351	1	0.3	334	95.2	13	3.7	3	0.9	0	0.0
16H,6-22	404	2	0.5	385	95.3	14	3.5	3	0.7	0	0.0
18H,6-24	427	2	0.5	407	95.3	15	3.5	3	0.7	0	0.0
24H,0-24	442	3	0.7	419	94.8	16	3.6	4	0.9	0	0.0

12637	CHIRK			Site No: 12637001			Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %	
Sun 15-Jan-17												
00:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0	
01:00	4	2	50.0	2	50.0	0	0.0	0	0.0	0	0.0	
02:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	
04:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	
05:00	0	0	-	0	-	0	-	0	-	0	-	
06:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0	
07:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	
08:00	10	0	0.0	8	80.0	2	20.0	0	0.0	0	0.0	
09:00	18	1	5.6	16	88.9	1	5.6	0	0.0	0	0.0	
10:00	25	0	0.0	25	100.0	0	0.0	0	0.0	0	0.0	
11:00	25	0	0.0	25	100.0	0	0.0	0	0.0	0	0.0	
12:00	22	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0	
13:00	44	0	0.0	42	95.5	2	4.6	0	0.0	0	0.0	
14:00	35	0	0.0	34	97.1	1	2.9	0	0.0	0	0.0	
15:00	28	2	7.1	25	89.3	1	3.6	0	0.0	0	0.0	
16:00	31	0	0.0	30	96.8	1	3.2	0	0.0	0	0.0	
17:00	25	0	0.0	25	100.0	0	0.0	0	0.0	0	0.0	
18:00	22	1	4.6	19	86.4	2	9.1	0	0.0	0	0.0	
19:00	12	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0	
20:00	17	0	0.0	15	88.2	2	11.8	0	0.0	0	0.0	
21:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0	
22:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	
23:00	6	1	16.7	5	83.3	0	0.0	0	0.0	0	0.0	
12H,7-19	289	4	1.4	275	95.2	10	3.5	0	0.0	0	0.0	
16H,6-22	333	4	1.2	316	94.9	13	3.9	0	0.0	0	0.0	
18H,6-24	342	5	1.5	324	94.7	13	3.8	0	0.0	0	0.0	
24H,0-24	362	7	1.9	342	94.5	13	3.6	0	0.0	0	0.0	

12637		CHIRK		Site No: 12637001		Location		Site 1, Old Black Park Rd, Chirk - att to Tree			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Mon 16-Jan-17											
00:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	0	0	-	0	-	0	-	0	-	0	-
04:00	0	0	-	0	-	0	-	0	-	0	-
05:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
07:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
08:00	21	0	0.0	16	76.2	3	14.3	2	9.5	0	0.0
09:00	13	1	7.7	10	76.9	2	15.4	0	0.0	0	0.0
10:00	22	1	4.6	17	77.3	3	13.6	0	0.0	1	4.6
11:00	27	0	0.0	24	88.9	3	11.1	0	0.0	0	0.0
12:00	22	0	0.0	16	72.7	3	13.6	3	13.6	0	0.0
13:00	25	0	0.0	22	88.0	2	8.0	1	4.0	0	0.0
14:00	28	0	0.0	26	92.9	1	3.6	0	0.0	1	3.6
15:00	26	0	0.0	24	92.3	1	3.9	1	3.9	0	0.0
16:00	32	0	0.0	31	96.9	0	0.0	0	0.0	1	3.1
17:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
18:00	26	0	0.0	25	96.2	1	3.9	0	0.0	0	0.0
19:00	23	1	4.4	22	95.7	0	0.0	0	0.0	0	0.0
20:00	13	0	0.0	12	92.3	1	7.7	0	0.0	0	0.0
21:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
22:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
23:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	259	2	0.8	226	87.3	21	8.1	7	2.7	3	1.2
16H,6-22	313	3	1.0	277	88.5	23	7.4	7	2.2	3	1.0
18H,6-24	331	3	0.9	295	89.1	23	7.0	7	2.1	3	0.9
24H,0-24	338	3	0.9	301	89.1	24	7.1	7	2.1	3	0.9

12637	CHIRK	Site No: 12637001	Location	Site 1, Old Black Park Rd, Chirk - att to Tree
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Tue 10-Jan-17	374	5	1.3	341	91.2	23	6.2	2	0.5	3	0.8
Wed 11-Jan-17	385	7	1.8	334	86.8	36	9.4	5	1.3	3	0.8
Thu 12-Jan-17	404	4	1.0	363	89.9	30	7.4	4	1.0	3	0.7
Fri 13-Jan-17	412	4	1.0	367	89.1	32	7.8	6	1.5	3	0.7
Sat 14-Jan-17	442	3	0.7	419	94.8	16	3.6	4	0.9	0	0.0
Sun 15-Jan-17	362	7	1.9	342	94.5	13	3.6	0	0.0	0	0.0
Mon 16-Jan-17	338	3	0.9	301	89.1	24	7.1	7	2.1	3	0.9
Total Vehicles											
[--]	2717	33	1.2	2467	90.7	174	6.4	28	1.0	15	0.6



12637		CHIRK			Site No: 12637001		Location Site 1, Old Black Park Rd, Chirk - att to Tree									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Tue 10-Jan-17																
00:00	3	-	32.7	6.3	0	0	1	2	0	0	0	0	0	0	0	0
01:00	2	-	26	3.5	0	0	2	0	0	0	0	0	0	0	0	0
02:00	2	-	34.8	12.4	0	0	1	0	1	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
06:00	4	-	26	8.4	0	1	2	1	0	0	0	0	0	0	0	0
07:00	14	35.8	28.1	7.6	0	2	7	5	0	0	0	0	0	0	0	0
08:00	21	31.9	27.4	5.6	0	1	16	4	0	0	0	0	0	0	0	0
09:00	16	37.2	27.9	9.5	1	2	7	5	1	0	0	0	0	0	0	0
10:00	22	31.5	27.4	5.5	0	1	17	4	0	0	0	0	0	0	0	0
11:00	14	34.5	28.9	5.5	0	0	10	4	0	0	0	0	0	0	0	0
12:00	36	36.1	28.8	7.2	0	2	24	8	1	1	0	0	0	0	0	0
13:00	33	35.6	28.5	6.5	1	0	22	10	0	0	0	0	0	0	0	0
14:00	25	33.9	28	5.8	0	1	18	6	0	0	0	0	0	0	0	0
15:00	23	36.1	28.2	7.3	0	3	12	8	0	0	0	0	0	0	0	0
16:00	24	36.4	28.6	7.6	1	1	13	9	0	0	0	0	0	0	0	0
17:00	28	33.2	27.1	6.4	0	3	19	6	0	0	0	0	0	0	0	0
18:00	42	36.2	28.6	6.8	0	3	26	12	1	0	0	0	0	0	0	0
19:00	20	36	28.5	7	0	2	11	7	0	0	0	0	0	0	0	0
20:00	9	-	29.1	8.5	0	1	5	2	1	0	0	0	0	0	0	0
21:00	10	31	27	6.3	0	1	7	2	0	0	0	0	0	0	0	0
22:00	20	35.2	28	6.8	0	2	12	6	0	0	0	0	0	0	0	0
23:00	4	-	31	6.5	0	0	2	2	0	0	0	0	0	0	0	0
12H,7-19	298	35.9	28.2	6.7	3	19	191	81	3	1	0	0	0	0	0	0
16H,6-22	341	36	28.1	6.8	3	24	216	93	4	1	0	0	0	0	0	0
18H,6-24	365	36	28.2	6.7	3	26	230	101	4	1	0	0	0	0	0	0
24H,0-24	374	36.1	28.2	6.8	3	26	235	104	5	1	0	0	0	0	0	0

12637		CHIRK			Site No: 12637001		Location Site 1, Old Black Park Rd, Chirk - att to Tree									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Wed 11-Jan-17																
00:00	3	-	26	10	0	1	1	1	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	-	26	3.5	0	0	2	0	0	0	0	0	0	0	0	0
03:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
04:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
06:00	5	-	28	5.3	0	0	4	1	0	0	0	0	0	0	0	0
07:00	18	33.7	26.6	8.5	1	2	11	3	1	0	0	0	0	0	0	0
08:00	22	39.4	29.2	9.8	1	2	11	5	2	1	0	0	0	0	0	0
09:00	18	28.5	22.8	6.2	1	4	13	0	0	0	0	0	0	0	0	0
10:00	24	34.2	27.7	6.3	0	2	16	6	0	0	0	0	0	0	0	0
11:00	19	34.3	27.2	7.5	1	1	12	5	0	0	0	0	0	0	0	0
12:00	24	30.8	24.3	7.6	0	8	12	4	0	0	0	0	0	0	0	0
13:00	35	35.3	28.4	6.4	1	0	24	10	0	0	0	0	0	0	0	0
14:00	26	36.1	29	6.6	0	1	17	7	1	0	0	0	0	0	0	0
15:00	26	30	26	6.4	0	4	18	4	0	0	0	0	0	0	0	0
16:00	37	36	28.8	6.5	1	0	24	12	0	0	0	0	0	0	0	0
17:00	30	35.3	28.6	7.6	0	2	20	7	0	0	1	0	0	0	0	0
18:00	36	33.6	26.9	6.9	1	3	24	8	0	0	0	0	0	0	0	0
19:00	23	33.1	27.7	5.7	0	1	17	5	0	0	0	0	0	0	0	0
20:00	14	35.8	29.6	5.8	0	0	9	5	0	0	0	0	0	0	0	0
21:00	9	-	30.4	6.1	0	0	5	4	0	0	0	0	0	0	0	0
22:00	6	-	27.7	5	0	0	5	1	0	0	0	0	0	0	0	0
23:00	5	-	28	8.7	0	1	2	2	0	0	0	0	0	0	0	0
12H,7-19	315	35.1	27.3	7.2	7	29	202	71	4	1	1	0	0	0	0	0
16H,6-22	366	35.3	27.5	7.1	7	30	237	86	4	1	1	0	0	0	0	0
18H,6-24	377	35.3	27.5	7	7	31	244	89	4	1	1	0	0	0	0	0
24H,0-24	385	35.2	27.5	7	7	32	250	90	4	1	1	0	0	0	0	0

12637		CHIRK			Site No: 12637001				Location Site 1, Old Black Park Rd, Chirk - att to Tree							
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Thu 12-Jan-17																
00:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
01:00	5	-	24	5.3	0	1	4	0	0	0	0	0	0	0	0	0
02:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	4	-	28.5	5.7	0	0	3	1	0	0	0	0	0	0	0	0
07:00	11	35.6	27.8	8	0	2	5	4	0	0	0	0	0	0	0	0
08:00	22	33.4	26.1	7.8	1	3	13	5	0	0	0	0	0	0	0	0
09:00	23	36.6	28.6	7.5	0	3	11	9	0	0	0	0	0	0	0	0
10:00	24	35.9	28.5	6.7	0	2	14	8	0	0	0	0	0	0	0	0
11:00	10	34.3	29	5.7	0	0	7	3	0	0	0	0	0	0	0	0
12:00	33	34.2	27.2	6.7	0	4	21	8	0	0	0	0	0	0	0	0
13:00	33	29.9	26.6	3.8	0	0	31	2	0	0	0	0	0	0	0	0
14:00	34	34	26.7	7.3	1	4	21	8	0	0	0	0	0	0	0	0
15:00	23	31.2	27.4	7.2	0	2	17	3	0	1	0	0	0	0	0	0
16:00	52	35.5	27.5	7	0	7	30	15	0	0	0	0	0	0	0	0
17:00	23	31.1	26	6.7	0	4	15	4	0	0	0	0	0	0	0	0
18:00	28	30.7	27.1	5.1	0	1	23	4	0	0	0	0	0	0	0	0
19:00	26	29.7	26.7	6.6	0	3	19	3	1	0	0	0	0	0	0	0
20:00	19	35.1	27.4	9.6	0	4	10	4	0	0	1	0	0	0	0	0
21:00	16	37.4	29.8	7.8	0	2	6	8	0	0	0	0	0	0	0	0
22:00	9	-	32.7	5.8	0	0	3	6	0	0	0	0	0	0	0	0
23:00	4	-	28.5	5.7	0	0	3	1	0	0	0	0	0	0	0	0
12H,7-19	316	34.6	27.3	6.6	2	32	208	73	0	1	0	0	0	0	0	0
16H,6-22	381	34.9	27.3	6.8	2	41	246	89	1	1	1	0	0	0	0	0
18H,6-24	394	35.1	27.5	6.8	2	41	252	96	1	1	1	0	0	0	0	0
24H,0-24	404	35.1	27.5	6.8	2	42	259	98	1	1	1	0	0	0	0	0

12637		CHIRK			Site No: 12637001				Location Site 1, Old Black Park Rd, Chirk - att to Tree							
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Fri 13-Jan-17																
00:00	2	-	26	3.5	0	0	2	0	0	0	0	0	0	0	0	0
01:00	1	-	16	-	0	1	0	0	0	0	0	0	0	0	0	0
02:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
03:00	2	-	16	3.5	0	2	0	0	0	0	0	0	0	0	0	0
04:00	1	-	16	-	0	1	0	0	0	0	0	0	0	0	0	0
05:00	2	-	17.4	12.2	1	0	1	0	0	0	0	0	0	0	0	0
06:00	6	-	26	3.1	0	0	6	0	0	0	0	0	0	0	0	0
07:00	12	29.4	25	7.9	0	3	8	0	1	0	0	0	0	0	0	0
08:00	14	29.2	23.9	6.5	0	4	9	1	0	0	0	0	0	0	0	0
09:00	23	29.4	25.1	5.1	0	3	19	1	0	0	0	0	0	0	0	0
10:00	21	34.9	28	7	1	0	14	6	0	0	0	0	0	0	0	0
11:00	19	29.8	26.5	6	0	2	14	3	0	0	0	0	0	0	0	0
12:00	27	34.5	28.2	5.8	0	1	19	7	0	0	0	0	0	0	0	0
13:00	42	34.2	27.4	6.4	0	4	28	10	0	0	0	0	0	0	0	0
14:00	33	31.9	26.9	6	0	3	24	6	0	0	0	0	0	0	0	0
15:00	31	34.1	27.4	7.5	0	4	20	6	0	1	0	0	0	0	0	0
16:00	39	30.4	25.5	6.7	0	8	25	6	0	0	0	0	0	0	0	0
17:00	37	30.9	25.6	7.2	2	4	25	6	0	0	0	0	0	0	0	0
18:00	28	30.3	26.7	4.7	0	1	24	3	0	0	0	0	0	0	0	0
19:00	26	34.7	25.3	8.7	1	7	11	7	0	0	0	0	0	0	0	0
20:00	12	28	26.6	7.9	0	2	8	1	1	0	0	0	0	0	0	0
21:00	11	28.9	25.1	4.2	0	1	10	0	0	0	0	0	0	0	0	0
22:00	14	32.3	26.7	6.8	0	2	9	3	0	0	0	0	0	0	0	0
23:00	8	-	24.8	4.5	0	1	7	0	0	0	0	0	0	0	0	0
12H,7-19	326	32.4	26.5	6.4	3	37	229	55	1	1	0	0	0	0	0	0
16H,6-22	381	32.3	26.4	6.6	4	47	264	63	2	1	0	0	0	0	0	0
18H,6-24	403	32.2	26.4	6.5	4	50	280	66	2	1	0	0	0	0	0	0
24H,0-24	412	32	26.2	6.6	5	54	284	66	2	1	0	0	0	0	0	0

12637		CHIRK			Site No: 12637001			Location Site 1, Old Black Park Rd, Chirk - att to Tree								
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Sat 14-Jan-17																
00:00	5	-	18	5.3	0	4	1	0	0	0	0	0	0	0	0	0
01:00	5	-	24.6	10.1	1	0	3	1	0	0	0	0	0	0	0	0
02:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	3	-	16.9	8.6	1	1	1	0	0	0	0	0	0	0	0	0
06:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
07:00	5	-	30	6.2	0	0	3	2	0	0	0	0	0	0	0	0
08:00	16	34.7	28.3	7	0	1	11	3	1	0	0	0	0	0	0	0
09:00	20	35.2	29	5.5	0	0	14	6	0	0	0	0	0	0	0	0
10:00	27	36.5	27.9	7.9	0	5	12	10	0	0	0	0	0	0	0	0
11:00	16	34.7	27.7	7.6	0	2	10	3	1	0	0	0	0	0	0	0
12:00	42	30.4	25.3	6.3	0	8	29	5	0	0	0	0	0	0	0	0
13:00	35	34.6	28	6.1	0	2	24	9	0	0	0	0	0	0	0	0
14:00	47	34.1	27.5	6.2	0	4	32	11	0	0	0	0	0	0	0	0
15:00	30	34.8	26	8	0	8	14	8	0	0	0	0	0	0	0	0
16:00	39	33.1	27.3	6	0	3	28	8	0	0	0	0	0	0	0	0
17:00	30	33	27.9	6	0	1	23	5	1	0	0	0	0	0	0	0
18:00	44	34.5	27.7	6.5	1	2	30	11	0	0	0	0	0	0	0	0
19:00	25	33.9	28.4	5.3	0	0	19	6	0	0	0	0	0	0	0	0
20:00	17	34.2	28.8	6.1	0	0	13	3	1	0	0	0	0	0	0	0
21:00	10	29.8	26	5.4	0	1	8	1	0	0	0	0	0	0	0	0
22:00	13	36.1	29.8	5.9	0	0	8	5	0	0	0	0	0	0	0	0
23:00	10	34.3	29	5.7	0	0	7	3	0	0	0	0	0	0	0	0
12H,7-19	351	34.8	27.4	6.6	1	36	230	81	3	0	0	0	0	0	0	0
16H,6-22	404	34.7	27.5	6.5	1	37	271	91	4	0	0	0	0	0	0	0
18H,6-24	427	34.9	27.6	6.4	1	37	286	99	4	0	0	0	0	0	0	0
24H,0-24	442	34.7	27.4	6.6	3	42	293	100	4	0	0	0	0	0	0	0

12637		CHIRK			Site No: 12637001				Location Site 1, Old Black Park Rd, Chirk - att to Tree							
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Sun 15-Jan-17																
00:00	9	-	30.4	6.1	0	0	5	4	0	0	0	0	0	0	0	0
01:00	4	-	19.9	13.5	2	0	1	1	0	0	0	0	0	0	0	0
02:00	3	-	23.6	13.8	1	0	1	1	0	0	0	0	0	0	0	0
03:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	3	-	23.6	13.8	1	0	1	1	0	0	0	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	5	-	28	5.3	0	0	4	1	0	0	0	0	0	0	0	0
07:00	4	-	21.7	11.9	1	1	1	1	0	0	0	0	0	0	0	0
08:00	10	21	15.1	7.1	4	4	2	0	0	0	0	0	0	0	0	0
09:00	18	29.7	22.8	7.9	1	6	9	2	0	0	0	0	0	0	0	0
10:00	25	35.7	26.6	8.8	2	3	12	8	0	0	0	0	0	0	0	0
11:00	25	34.9	28	6.5	0	2	16	7	0	0	0	0	0	0	0	0
12:00	22	31.5	27.8	4.9	0	0	18	4	0	0	0	0	0	0	0	0
13:00	44	32.1	26.9	6	0	4	32	8	0	0	0	0	0	0	0	0
14:00	35	31.4	25	7.7	2	6	21	6	0	0	0	0	0	0	0	0
15:00	28	33.6	27.3	6.9	0	3	19	5	1	0	0	0	0	0	0	0
16:00	31	33.6	26.1	7.6	1	5	18	7	0	0	0	0	0	0	0	0
17:00	25	35.7	28	7.1	0	3	14	8	0	0	0	0	0	0	0	0
18:00	22	33.4	28.3	5.2	0	0	17	5	0	0	0	0	0	0	0	0
19:00	12	37.8	30.8	6.9	0	0	7	4	1	0	0	0	0	0	0	0
20:00	17	37.6	30.6	6.5	0	0	10	6	1	0	0	0	0	0	0	0
21:00	10	36	30	6	0	0	6	4	0	0	0	0	0	0	0	0
22:00	3	-	32.7	6.3	0	0	1	2	0	0	0	0	0	0	0	0
23:00	6	-	31	6.2	0	0	3	3	0	0	0	0	0	0	0	0
12H,7-19	289	34	26.2	7.4	11	37	179	61	1	0	0	0	0	0	0	0
16H,6-22	333	34.8	26.8	7.3	11	37	206	76	3	0	0	0	0	0	0	0
18H,6-24	342	35	26.9	7.3	11	37	210	81	3	0	0	0	0	0	0	0
24H,0-24	362	35.2	26.9	7.5	15	37	218	89	3	0	0	0	0	0	0	0

12637		CHIRK			Site No: 12637001		Location Site 1, Old Black Park Rd, Chirk - att to Tree									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Mon 16-Jan-17																
00:00	4	-	28.5	5.7	0	0	3	1	0	0	0	0	0	0	0	0
01:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
02:00	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
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0
06:00	4	-	31	6.5	0	0	2	2	0	0	0	0	0	0	0	0
07:00	3	-	22.7	6.3	0	1	2	0	0	0	0	0	0	0	0	0
08:00	21	35.8	27.9	7.4	0	3	11	7	0	0	0	0	0	0	0	0
09:00	13	28.8	23.9	8.3	1	3	7	2	0	0	0	0	0	0	0	0
10:00	22	36.8	29.6	6.5	0	1	12	9	0	0	0	0	0	0	0	0
11:00	27	35.3	28.6	6	0	1	18	8	0	0	0	0	0	0	0	0
12:00	22	33.4	26.5	7.2	0	4	13	5	0	0	0	0	0	0	0	0
13:00	25	30.3	25.6	6.1	0	4	18	3	0	0	0	0	0	0	0	0
14:00	28	31.6	26.5	6.7	1	2	20	5	0	0	0	0	0	0	0	0
15:00	26	34.7	27.9	6.4	0	2	17	7	0	0	0	0	0	0	0	0
16:00	32	35.1	27	7.7	1	4	18	9	0	0	0	0	0	0	0	0
17:00	14	34.5	28.1	6.5	0	1	9	4	0	0	0	0	0	0	0	0
18:00	26	30	26.9	5.9	1	0	21	4	0	0	0	0	0	0	0	0
19:00	23	36.8	29.8	6.2	0	0	15	7	1	0	0	0	0	0	0	0
20:00	13	34.9	28.3	6.6	0	1	8	4	0	0	0	0	0	0	0	0
21:00	14	36.7	29.6	6.9	0	1	7	6	0	0	0	0	0	0	0	0
22:00	10	36	30	6	0	0	6	4	0	0	0	0	0	0	0	0
23:00	8	-	28.2	8.5	0	1	5	1	1	0	0	0	0	0	0	0
12H,7-19	259	34.8	27.2	6.8	4	26	166	63	0	0	0	0	0	0	0	0
16H,6-22	313	35.3	27.6	6.8	4	28	198	82	1	0	0	0	0	0	0	0
18H,6-24	331	35.5	27.7	6.8	4	29	209	87	2	0	0	0	0	0	0	0
24H,0-24	338	35.5	27.7	6.8	4	29	214	89	2	0	0	0	0	0	0	0

12637	CHIRK	Site No: 12637001	Location Site 1, Old Black Park Rd, Chirk - att to Tree
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Westbound	

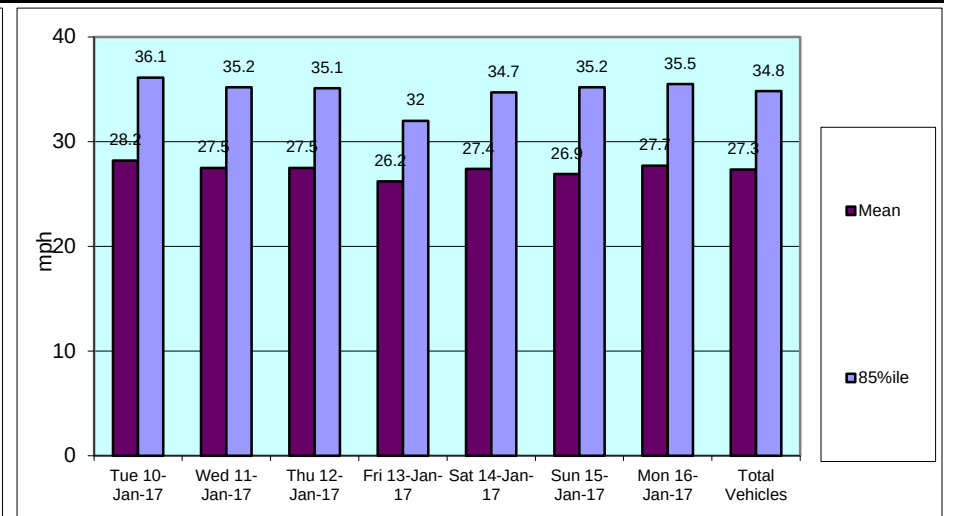
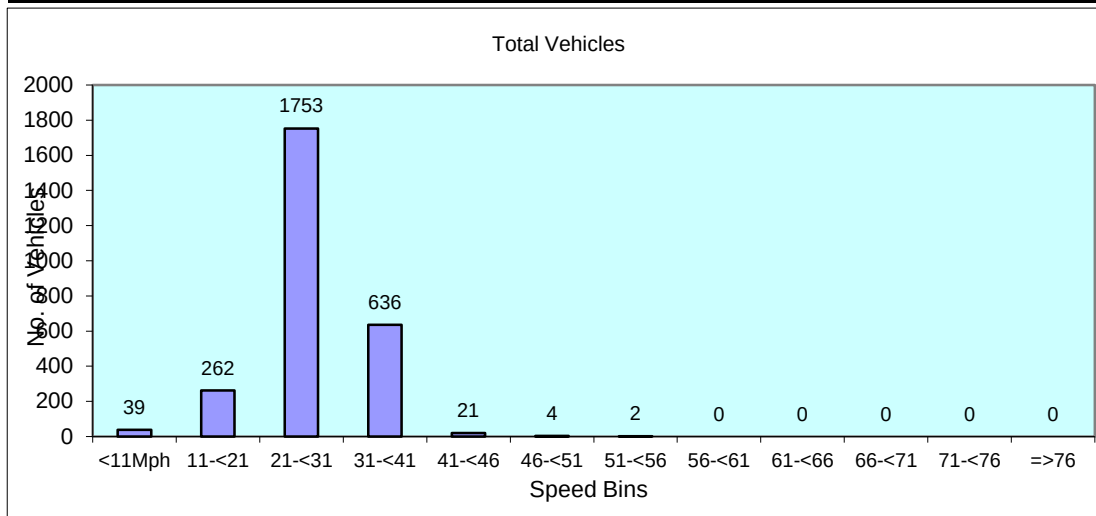
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
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Daily Totals

Tue 10-Jan-17	374	36.1	28.2	6.8	3	26	235	104	5	1	0	0	0	0	0	0
Wed 11-Jan-17	385	35.2	27.5	7	7	32	250	90	4	1	1	0	0	0	0	0
Thu 12-Jan-17	404	35.1	27.5	6.8	2	42	259	98	1	1	1	0	0	0	0	0
Fri 13-Jan-17	412	32	26.2	6.6	5	54	284	66	2	1	0	0	0	0	0	0
Sat 14-Jan-17	442	34.7	27.4	6.6	3	42	293	100	4	0	0	0	0	0	0	0
Sun 15-Jan-17	362	35.2	26.9	7.5	15	37	218	89	3	0	0	0	0	0	0	0
Mon 16-Jan-17	338	35.5	27.7	6.8	4	29	214	89	2	0	0	0	0	0	0	0

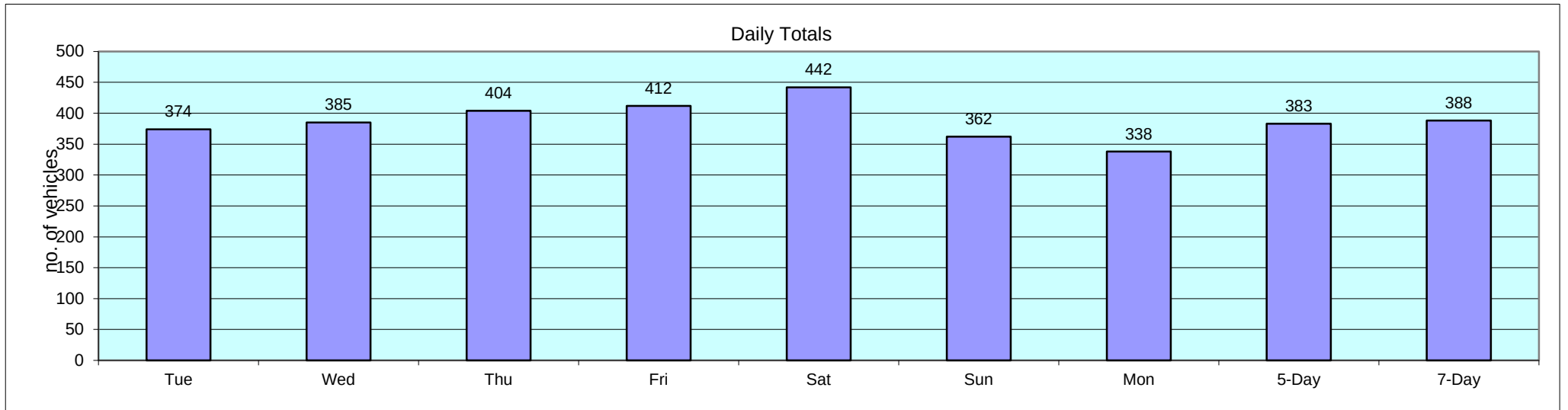
Total Vehicles

[--]	2717	34.8	27.3	6.9	39	262	1753	636	21	4	2	0	0	0	0	0
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12637	CHIRK	Site No: 12637001				Location	Site 1, Old Black Park Rd, Chirk - att to Tree		
Channel: Westbound									
	Tue	Wed	Thu	Fri	Sat	Sun	Mon	5-Day	7-Day
TIME PERIOD	10/01/17	11/01/17	12/01/17	13/01/17	14/01/17	15/01/17	16/01/17	Av	Av
Week Begin: 10-Jan-17									
00:00	3	3	1	2	5	9	4	3	4
01:00	2	0	5	1	5	4	1	2	3
02:00	2	2	2	1	1	3	0	1	2
03:00	0	1	0	2	0	1	0	1	1
04:00	1	1	2	1	1	3	0	1	1
05:00	1	1	0	2	3	0	2	1	1
06:00	4	5	4	6	1	5	4	5	4
07:00	14	18	11	12	5	4	3	12	10
08:00	21	22	22	14	16	10	21	20	18
09:00	16	18	23	23	20	18	13	19	19
10:00	22	24	24	21	27	25	22	23	24
11:00	14	19	10	19	16	25	27	18	19
12:00	36	24	33	27	42	22	22	28	29
13:00	33	35	33	42	35	44	25	34	35
14:00	25	26	34	33	47	35	28	29	33
15:00	23	26	23	31	30	28	26	26	27
16:00	24	37	52	39	39	31	32	37	36
17:00	28	30	23	37	30	25	14	26	27
18:00	42	36	28	28	44	22	26	32	32
19:00	20	23	26	26	25	12	23	24	22
20:00	9	14	19	12	17	17	13	13	14
21:00	10	9	16	11	10	10	14	12	11
22:00	20	6	9	14	13	3	10	12	11
23:00	4	5	4	8	10	6	8	6	6
12H,7-19	298	315	316	326	351	289	259	303	308
16H,6-22	341	366	381	381	404	333	313	356	360
18H,6-24	365	377	394	403	427	342	331	374	377
24H,0-24	374	385	404	412	442	362	338	383	388
Am	10:00	10:00	10:00	09:00	10:00	11:00	11:00	-	-
Peak	22	24	24	23	27	25	27	24	25
Pm	18:00	16:00	16:00	13:00	14:00	13:00	16:00	-	-
Peak	42	37	52	42	47	44	32	41	42

	Tue	Wed	Thu	Fri	Sat	Sun	Mon	5-Day	7-Day
TIME PERIOD	10/01/17	11/01/17	12/01/17	13/01/17	14/01/17	15/01/17	16/01/17	Av	Av



Classification Schemes

Scheme F Classification Scheme (Non-metric)

Scheme F is an attempt to implement the FWHA's visual classification scheme as an axle-based classification scheme. This is one of several interpretations.

Class	Vehicle Type	No. of Axles	Axle spacing in feet			
			Axle 1 to 2	Axle 2 to 3	Axle 3 to 4	Axle 4 to 5
1	motorcycle	2	<6.0			
2	passenger car	2	6.0 - 10.0			
	car + 1 axle trailer	3	<10.0	10.0 - 18.0		
	car + 2 axle trailer	4	<10.0		<3.5	
3	pickup	2	10.0 - 15.0			
	pickup + 1 axle trailer	3	10.0 - 15.0	10.0 - 18.0		
	pickup + 2 axle trailer	4	10.0 - 15.0		<3.5	
	pickup + 3 axle trailer	5	9.9 - 15.0			<3.5
4	Traditional bus/coach	2	>20.0			
	Traditional bus/coach	3	>19.0			
5	single unit truck/bus - dual rear axle	2	14.9 - 20.0			<3.5
6	3 axle truck	3		<18.0		
7	4 axle truck	4				
8	2S1	3		>18.0		
	2S2	4		>5.0	>3.5	
	3S1	4		<5.0	>10.0	
9	3S2	5		<6.1		3.5 - 8.0
	5 axle combination	5				
10	6 axle combination	6			3.5 - 5.0	
	3S3	6				
11	2S1-2	5		>6.0		
12	3S1-2	6				
13	truck	7 or more				

ification

Axle 5 to 6
>10.0

12637 CHIRK									
JANUARY 2017									
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed
Site No: 12637002	Site 2, Old Black Park Rd, Chirk - att to l/c 11 OSGR - SJ 29962 39747	Channel: Eastbound	Tue 10-Jan-17	Mon 16-Jan-17	60	2613	384	373	41.4
		Channel: Westbound	Tue 10-Jan-17	Mon 16-Jan-17		2931	410	419	39.1

12637		CHIRK				
JANUARY 2017					Posted Speed Limit (PSL)	Average Mean Speed
Site	Location	Direction	Start Date	End Date		
Site No: 12637002	Site 2, Old Black Park Rd, Chirk - att to l/c 11 OSGR - SJ 29962 39747	Channel: Eastbound	Tue 10-Jan-17	Mon 16-Jan-17	60	34.8
		Channel: Westbound	Tue 10-Jan-17	Mon 16-Jan-17		31.8

12637	CHIRK	Site No: 12637002	Location	Site 2, Old Black Park Rd, Chirk - att to I/c 11							
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Tue 10-Jan-17											
00:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
03:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	3	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0
06:00	6	2	33.3	4	66.7	0	0.0	0	0.0	0	0.0
07:00	19	0	0.0	14	73.7	5	26.3	0	0.0	0	0.0
08:00	20	0	0.0	18	90.0	2	10.0	0	0.0	0	0.0
09:00	18	0	0.0	15	83.3	2	11.1	0	0.0	1	5.6
10:00	17	0	0.0	14	82.4	3	17.7	0	0.0	0	0.0
11:00	23	0	0.0	20	87.0	3	13.0	0	0.0	0	0.0
12:00	36	0	0.0	31	86.1	2	5.6	2	5.6	1	2.8
13:00	26	0	0.0	22	84.6	4	15.4	0	0.0	0	0.0
14:00	22	0	0.0	19	86.4	3	13.6	0	0.0	0	0.0
15:00	28	0	0.0	22	78.6	2	7.1	2	7.1	2	7.1
16:00	27	1	3.7	26	96.3	0	0.0	0	0.0	0	0.0
17:00	29	0	0.0	26	89.7	3	10.3	0	0.0	0	0.0
18:00	33	0	0.0	32	97.0	1	3.0	0	0.0	0	0.0
19:00	19	0	0.0	18	94.7	1	5.3	0	0.0	0	0.0
20:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
21:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
22:00	11	0	0.0	10	90.9	1	9.1	0	0.0	0	0.0
23:00	7	0	0.0	6	85.7	1	14.3	0	0.0	0	0.0
12H,7-19	298	1	0.3	259	86.9	30	10.1	4	1.3	4	1.3
16H,6-22	334	3	0.9	292	87.4	31	9.3	4	1.2	4	1.2
18H,6-24	352	3	0.9	308	87.5	33	9.4	4	1.1	4	1.1
24H,0-24	364	4	1.1	317	87.1	35	9.6	4	1.1	4	1.1

12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Wed 11-Jan-17											
00:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
05:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
06:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
07:00	16	0	0.0	14	87.5	2	12.5	0	0.0	0	0.0
08:00	23	1	4.4	17	73.9	4	17.4	1	4.4	0	0.0
09:00	27	0	0.0	22	81.5	3	11.1	1	3.7	1	3.7
10:00	26	0	0.0	23	88.5	3	11.5	0	0.0	0	0.0
11:00	26	0	0.0	24	92.3	2	7.7	0	0.0	0	0.0
12:00	26	1	3.9	23	88.5	0	0.0	1	3.9	1	3.9
13:00	34	0	0.0	32	94.1	2	5.9	0	0.0	0	0.0
14:00	19	0	0.0	18	94.7	1	5.3	0	0.0	0	0.0
15:00	38	0	0.0	29	76.3	6	15.8	1	2.6	2	5.3
16:00	35	0	0.0	30	85.7	5	14.3	0	0.0	0	0.0
17:00	44	0	0.0	41	93.2	3	6.8	0	0.0	0	0.0
18:00	28	0	0.0	27	96.4	1	3.6	0	0.0	0	0.0
19:00	15	0	0.0	15	100.0	0	0.0	0	0.0	0	0.0
20:00	13	1	7.7	12	92.3	0	0.0	0	0.0	0	0.0
21:00	10	0	0.0	9	90.0	1	10.0	0	0.0	0	0.0
22:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
23:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
12H,7-19	342	2	0.6	300	87.7	32	9.4	4	1.2	4	1.2
16H,6-22	384	3	0.8	339	88.3	34	8.9	4	1.0	4	1.0
18H,6-24	396	3	0.8	350	88.4	35	8.8	4	1.0	4	1.0
24H,0-24	407	3	0.7	358	88.0	38	9.3	4	1.0	4	1.0

12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Thu 12-Jan-17											
00:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
01:00	3	0	0.0	1	33.3	2	66.7	0	0.0	0	0.0
02:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	2	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0
04:00	0	0	-	0	-	0	-	0	-	0	-
05:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
06:00	6	0	0.0	3	50.0	2	33.3	1	16.7	0	0.0
07:00	23	0	0.0	20	87.0	3	13.0	0	0.0	0	0.0
08:00	23	0	0.0	20	87.0	2	8.7	1	4.4	0	0.0
09:00	25	0	0.0	20	80.0	4	16.0	0	0.0	1	4.0
10:00	15	1	6.7	10	66.7	4	26.7	0	0.0	0	0.0
11:00	26	0	0.0	26	100.0	0	0.0	0	0.0	0	0.0
12:00	27	1	3.7	22	81.5	3	11.1	0	0.0	1	3.7
13:00	30	0	0.0	26	86.7	3	10.0	1	3.3	0	0.0
14:00	25	0	0.0	23	92.0	2	8.0	0	0.0	0	0.0
15:00	34	1	2.9	28	82.4	2	5.9	1	2.9	2	5.9
16:00	43	0	0.0	39	90.7	4	9.3	0	0.0	0	0.0
17:00	27	0	0.0	24	88.9	3	11.1	0	0.0	0	0.0
18:00	29	0	0.0	29	100.0	0	0.0	0	0.0	0	0.0
19:00	20	0	0.0	19	95.0	1	5.0	0	0.0	0	0.0
20:00	10	0	0.0	6	60.0	3	30.0	1	10.0	0	0.0
21:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
22:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
23:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	327	3	0.9	287	87.8	30	9.2	3	0.9	4	1.2
16H,6-22	372	3	0.8	324	87.1	36	9.7	5	1.3	4	1.1
18H,6-24	378	3	0.8	329	87.0	37	9.8	5	1.3	4	1.1
24H,0-24	391	4	1.0	338	86.5	40	10.2	5	1.3	4	1.0

12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Fri 13-Jan-17											
00:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
01:00	4	0	0.0	2	50.0	1	25.0	1	25.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	6	0	0.0	1	16.7	4	66.7	1	16.7	0	0.0
05:00	6	0	0.0	4	66.7	2	33.3	0	0.0	0	0.0
06:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
07:00	23	0	0.0	17	73.9	6	26.1	0	0.0	0	0.0
08:00	24	0	0.0	20	83.3	4	16.7	0	0.0	0	0.0
09:00	23	0	0.0	17	73.9	5	21.7	0	0.0	1	4.4
10:00	16	0	0.0	14	87.5	1	6.3	1	6.3	0	0.0
11:00	22	1	4.6	18	81.8	3	13.6	0	0.0	0	0.0
12:00	32	1	3.1	28	87.5	1	3.1	1	3.1	1	3.1
13:00	39	1	2.6	33	84.6	4	10.3	1	2.6	0	0.0
14:00	25	0	0.0	24	96.0	0	0.0	1	4.0	0	0.0
15:00	28	0	0.0	18	64.3	6	21.4	2	7.1	2	7.1
16:00	33	0	0.0	31	93.9	2	6.1	0	0.0	0	0.0
17:00	45	1	2.2	41	91.1	3	6.7	0	0.0	0	0.0
18:00	28	1	3.6	26	92.9	0	0.0	1	3.6	0	0.0
19:00	23	0	0.0	22	95.7	1	4.4	0	0.0	0	0.0
20:00	8	0	0.0	7	87.5	1	12.5	0	0.0	0	0.0
21:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
22:00	5	0	0.0	2	40.0	2	40.0	1	20.0	0	0.0
23:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	338	5	1.5	287	84.9	35	10.4	7	2.1	4	1.2
16H,6-22	377	5	1.3	323	85.7	38	10.1	7	1.9	4	1.1
18H,6-24	385	5	1.3	328	85.2	40	10.4	8	2.1	4	1.0
24H,0-24	404	5	1.2	337	83.4	48	11.9	10	2.5	4	1.0

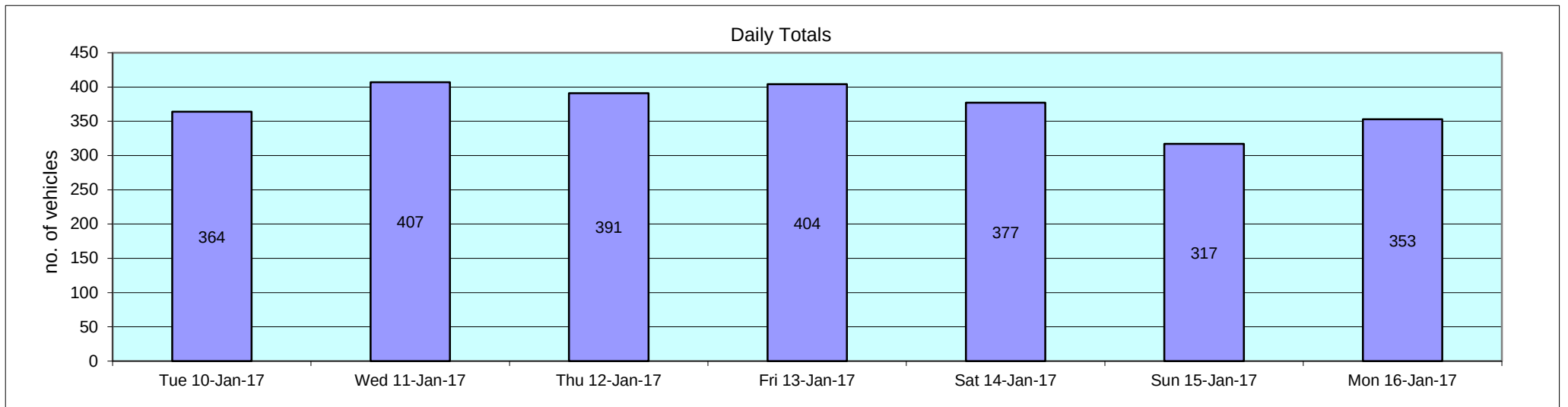
12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sat 14-Jan-17											
00:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
01:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
02:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
03:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
04:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
05:00	1	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0
06:00	4	0	0.0	2	50.0	2	50.0	0	0.0	0	0.0
07:00	8	0	0.0	4	50.0	4	50.0	0	0.0	0	0.0
08:00	14	1	7.1	12	85.7	1	7.1	0	0.0	0	0.0
09:00	23	0	0.0	20	87.0	1	4.4	2	8.7	0	0.0
10:00	22	0	0.0	20	90.9	2	9.1	0	0.0	0	0.0
11:00	31	0	0.0	29	93.6	1	3.2	1	3.2	0	0.0
12:00	40	0	0.0	38	95.0	1	2.5	1	2.5	0	0.0
13:00	28	1	3.6	26	92.9	1	3.6	0	0.0	0	0.0
14:00	34	0	0.0	31	91.2	3	8.8	0	0.0	0	0.0
15:00	27	0	0.0	24	88.9	2	7.4	1	3.7	0	0.0
16:00	19	0	0.0	19	100.0	0	0.0	0	0.0	0	0.0
17:00	21	0	0.0	21	100.0	0	0.0	0	0.0	0	0.0
18:00	38	0	0.0	37	97.4	1	2.6	0	0.0	0	0.0
19:00	17	0	0.0	16	94.1	0	0.0	1	5.9	0	0.0
20:00	14	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0
21:00	7	1	14.3	6	85.7	0	0.0	0	0.0	0	0.0
22:00	7	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
23:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	305	2	0.7	281	92.1	17	5.6	5	1.6	0	0.0
16H,6-22	347	3	0.9	319	91.9	19	5.5	6	1.7	0	0.0
18H,6-24	360	3	0.8	332	92.2	19	5.3	6	1.7	0	0.0
24H,0-24	377	3	0.8	344	91.3	23	6.1	7	1.9	0	0.0

12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sun 15-Jan-17											
00:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
01:00	4	1	25.0	3	75.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
06:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
07:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
08:00	14	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0
09:00	22	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0
10:00	20	0	0.0	19	95.0	1	5.0	0	0.0	0	0.0
11:00	19	0	0.0	18	94.7	1	5.3	0	0.0	0	0.0
12:00	24	0	0.0	22	91.7	2	8.3	0	0.0	0	0.0
13:00	36	0	0.0	35	97.2	1	2.8	0	0.0	0	0.0
14:00	29	0	0.0	28	96.6	1	3.5	0	0.0	0	0.0
15:00	25	2	8.0	22	88.0	1	4.0	0	0.0	0	0.0
16:00	24	0	0.0	24	100.0	0	0.0	0	0.0	0	0.0
17:00	18	0	0.0	16	88.9	1	5.6	1	5.6	0	0.0
18:00	21	0	0.0	20	95.2	1	4.8	0	0.0	0	0.0
19:00	11	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
20:00	11	0	0.0	10	90.9	1	9.1	0	0.0	0	0.0
21:00	6	0	0.0	4	66.7	2	33.3	0	0.0	0	0.0
22:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
23:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	262	2	0.8	250	95.4	9	3.4	1	0.4	0	0.0
16H,6-22	293	2	0.7	278	94.9	12	4.1	1	0.3	0	0.0
18H,6-24	301	2	0.7	286	95.0	12	4.0	1	0.3	0	0.0
24H,0-24	317	3	1.0	301	95.0	12	3.8	1	0.3	0	0.0

12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Eastbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Mon 16-Jan-17											
00:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
03:00	0	0	-	0	-	0	-	0	-	0	-
04:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	8	0	0.0	6	75.0	2	25.0	0	0.0	0	0.0
07:00	19	0	0.0	13	68.4	6	31.6	0	0.0	0	0.0
08:00	26	0	0.0	20	76.9	5	19.2	1	3.9	0	0.0
09:00	22	0	0.0	17	77.3	4	18.2	0	0.0	1	4.6
10:00	25	0	0.0	21	84.0	3	12.0	1	4.0	0	0.0
11:00	28	1	3.6	20	71.4	5	17.9	2	7.1	0	0.0
12:00	23	0	0.0	19	82.6	1	4.4	2	8.7	1	4.4
13:00	23	0	0.0	18	78.3	3	13.0	2	8.7	0	0.0
14:00	19	0	0.0	15	79.0	3	15.8	1	5.3	0	0.0
15:00	27	0	0.0	24	88.9	0	0.0	1	3.7	2	7.4
16:00	30	0	0.0	25	83.3	3	10.0	2	6.7	0	0.0
17:00	24	0	0.0	20	83.3	4	16.7	0	0.0	0	0.0
18:00	23	0	0.0	22	95.7	1	4.4	0	0.0	0	0.0
19:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
20:00	14	0	0.0	11	78.6	3	21.4	0	0.0	0	0.0
21:00	7	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
22:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
23:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	289	1	0.4	234	81.0	38	13.2	12	4.2	4	1.4
16H,6-22	327	1	0.3	267	81.7	43	13.2	12	3.7	4	1.2
18H,6-24	341	1	0.3	281	82.4	43	12.6	12	3.5	4	1.2
24H,0-24	353	1	0.3	290	82.2	46	13.0	12	3.4	4	1.1

12637	CHIRK	Site No: 12637002	Location	Site 2, Old Black Park Rd, Chirk - att to I/c 11
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Eastbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Tue 10-Jan-17	364	4	1.1	317	87.1	35	9.6	4	1.1	4	1.1
Wed 11-Jan-17	407	3	0.7	358	88.0	38	9.3	4	1.0	4	1.0
Thu 12-Jan-17	391	4	1.0	338	86.5	40	10.2	5	1.3	4	1.0
Fri 13-Jan-17	404	5	1.2	337	83.4	48	11.9	10	2.5	4	1.0
Sat 14-Jan-17	377	3	0.8	344	91.3	23	6.1	7	1.9	0	0.0
Sun 15-Jan-17	317	3	1.0	301	95.0	12	3.8	1	0.3	0	0.0
Mon 16-Jan-17	353	1	0.3	290	82.2	46	13.0	12	3.4	4	1.1
Total Vehicles											
[--]	2613	23	0.9	2285	87.6	242	9.1	43	1.6	20	0.7



12637		CHIRK			Site No: 12637002		Location Site 2, Old Black Park Rd, Chirk - att to I/c 11									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Tue 10-Jan-17																
00:00	3	-	32.7	6.3	0	0	1	2	0	0	0	0	0	0	0	0
01:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	2	-	42.3	8.8	0	0	0	1	0	1	0	0	0	0	0	0
03:00	2	-	46	3.5	0	0	0	0	1	1	0	0	0	0	0	0
04:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	3	-	40.2	7.6	0	0	0	2	0	1	0	0	0	0	0	0
06:00	6	-	36	9.4	0	0	2	2	1	1	0	0	0	0	0	0
07:00	19	43.1	34.3	8.8	0	0	8	6	4	0	1	0	0	0	0	0
08:00	20	41.6	35	7.4	0	1	3	12	4	0	0	0	0	0	0	0
09:00	18	40	35.3	8.2	0	0	5	10	1	1	1	0	0	0	0	0
10:00	17	40	33.9	6.5	0	0	5	10	2	0	0	0	0	0	0	0
11:00	23	40.4	36.3	6.7	0	0	3	17	1	1	1	0	0	0	0	0
12:00	36	40.6	35.1	6.6	0	0	8	23	3	2	0	0	0	0	0	0
13:00	26	39.8	34.8	6.5	0	1	3	20	1	1	0	0	0	0	0	0
14:00	22	40.5	36.1	7.8	0	0	4	15	1	1	0	1	0	0	0	0
15:00	28	42.5	33.9	8.8	0	0	12	11	1	3	1	0	0	0	0	0
16:00	27	42.1	35	7.7	0	0	8	14	2	3	0	0	0	0	0	0
17:00	29	42.2	36	6.4	0	0	5	18	5	1	0	0	0	0	0	0
18:00	33	39.5	34	5.7	0	0	8	23	2	0	0	0	0	0	0	0
19:00	19	43.1	36.9	7.9	0	1	1	12	4	0	1	0	0	0	0	0
20:00	5	-	39	10.4	0	0	1	2	1	0	1	0	0	0	0	0
21:00	6	-	34.3	5	0	0	1	5	0	0	0	0	0	0	0	0
22:00	11	43.3	36.9	6.9	0	0	2	5	4	0	0	0	0	0	0	0
23:00	7	-	37.1	4	0	0	0	6	1	0	0	0	0	0	0	0
12H,7-19	298	41	35	7.1	0	2	72	179	27	13	4	1	0	0	0	0
16H,6-22	334	41.5	35.2	7.2	0	3	77	200	33	14	6	1	0	0	0	0
18H,6-24	352	41.8	35.3	7.2	0	3	79	211	38	14	6	1	0	0	0	0
24H,0-24	364	42	35.3	7.2	0	3	81	217	39	17	6	1	0	0	0	0

12637					CHIRK					Site No: 12637002					Location Site 2, Old Black Park Rd, Chirk - att to I/c 11						
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound																
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76					
Wed 11-Jan-17																					
00:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0					
01:00	1	-	43.5	-	0	0	0	0	1	0	0	0	0	0	0	0					
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0					
03:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0					
04:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0					
05:00	5	-	39.5	8.3	0	0	0	4	0	0	1	0	0	0	0	0					
06:00	4	-	41	6.5	0	0	0	2	1	1	0	0	0	0	0	0					
07:00	16	43.6	38	5.8	0	0	1	10	4	1	0	0	0	0	0	0					
08:00	23	44.1	37	8.9	0	1	3	12	5	1	0	1	0	0	0	0					
09:00	27	43.4	34.5	8.7	0	1	8	12	3	3	0	0	0	0	0	0					
10:00	26	45.5	37.3	6.8	0	0	3	17	2	4	0	0	0	0	0	0					
11:00	26	40.3	35.6	6.8	0	0	5	17	3	0	1	0	0	0	0	0					
12:00	26	41.8	34.4	8.3	0	1	7	13	4	0	1	0	0	0	0	0					
13:00	34	40.7	35.3	5.8	0	0	6	23	5	0	0	0	0	0	0	0					
14:00	19	43.7	36.5	7.9	0	1	2	10	5	1	0	0	0	0	0	0					
15:00	38	40.8	33.6	7.5	0	1	12	19	5	1	0	0	0	0	0	0					
16:00	35	43.7	36.7	6.8	0	0	6	19	8	2	0	0	0	0	0	0					
17:00	44	39	33.2	5.6	0	0	13	30	1	0	0	0	0	0	0	0					
18:00	28	39.5	33.7	6	0	0	8	18	2	0	0	0	0	0	0	0					
19:00	15	39.4	34.5	5.6	0	0	3	11	1	0	0	0	0	0	0	0					
20:00	13	44.9	37.3	9.2	0	1	1	6	3	2	0	0	0	0	0	0					
21:00	10	39.8	35.8	5	0	0	1	8	1	0	0	0	0	0	0	0					
22:00	6	-	39.3	6	0	0	0	4	1	1	0	0	0	0	0	0					
23:00	6	-	36	11.3	0	1	0	3	1	1	0	0	0	0	0	0					
12H,7-19	342	42.2	35.2	7.2	0	5	74	200	47	13	2	1	0	0	0	0					
16H,6-22	384	42.3	35.3	7.1	0	6	79	227	53	16	2	1	0	0	0	0					
18H,6-24	396	42.5	35.4	7.2	0	7	79	234	55	18	2	1	0	0	0	0					
24H,0-24	407	42.5	35.4	7.2	0	7	81	241	56	18	3	1	0	0	0	0					

12637		CHIRK			Site No: 12637002		Location Site 2, Old Black Park Rd, Chirk - att to I/c 11									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Thu 12-Jan-17																
00:00	2	-	39.8	5.3	0	0	0	1	1	0	0	0	0	0	0	0
01:00	3	-	44.3	7.3	0	0	0	1	0	2	0	0	0	0	0	0
02:00	1	-	43.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	5	-	36.5	8.3	0	0	1	3	0	1	0	0	0	0	0	0
06:00	6	-	36.4	7.6	0	0	1	4	0	1	0	0	0	0	0	0
07:00	23	44.1	35.7	8.6	0	1	5	10	5	2	0	0	0	0	0	0
08:00	23	41.1	34.7	8.1	0	1	5	13	2	2	0	0	0	0	0	0
09:00	25	39.4	34.7	5	0	0	4	20	1	0	0	0	0	0	0	0
10:00	15	37.9	30.7	8	0	2	4	9	0	0	0	0	0	0	0	0
11:00	26	44	37.5	7.7	0	0	4	14	6	1	0	1	0	0	0	0
12:00	27	39.8	32.4	7.4	0	1	10	13	3	0	0	0	0	0	0	0
13:00	30	40	34.8	8	0	1	6	20	1	0	2	0	0	0	0	0
14:00	25	38.8	33.6	5.3	0	0	6	19	0	0	0	0	0	0	0	0
15:00	34	44	36.7	7.4	0	0	6	20	4	3	1	0	0	0	0	0
16:00	43	39.7	34.2	5.7	0	0	10	30	3	0	0	0	0	0	0	0
17:00	27	40	33.5	6.5	0	0	9	15	3	0	0	0	0	0	0	0
18:00	29	39.4	33.4	6.1	0	0	9	18	2	0	0	0	0	0	0	0
19:00	20	40.2	35.1	6.1	0	0	4	13	3	0	0	0	0	0	0	0
20:00	10	38.5	29.8	9.6	0	2	3	4	1	0	0	0	0	0	0	0
21:00	9	-	37.4	8.6	0	0	2	4	1	2	0	0	0	0	0	0
22:00	4	-	37.9	4.6	0	0	0	3	1	0	0	0	0	0	0	0
23:00	2	-	26	3.5	0	0	2	0	0	0	0	0	0	0	0	0
12H,7-19	327	40.6	34.5	7.1	0	6	78	201	30	8	3	1	0	0	0	0
16H,6-22	372	40.7	34.5	7.2	0	8	88	226	35	11	3	1	0	0	0	0
18H,6-24	378	40.7	34.5	7.2	0	8	90	229	36	11	3	1	0	0	0	0
24H,0-24	391	40.9	34.6	7.2	0	8	92	235	38	14	3	1	0	0	0	0

12637					CHIRK					Site No: 12637002					Location Site 2, Old Black Park Rd, Chirk - att to I/c 11						
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound																
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76					
Fri 13-Jan-17																					
00:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0					
01:00	4	-	26	8.4	0	1	2	1	0	0	0	0	0	0	0	0					
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0					
03:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0					
04:00	6	-	29.3	8.6	0	1	2	3	0	0	0	0	0	0	0	0					
05:00	6	-	29.3	6	0	0	4	2	0	0	0	0	0	0	0	0					
06:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0					
07:00	23	39.5	32.7	7.2	0	1	7	13	2	0	0	0	0	0	0	0					
08:00	24	39.7	34.1	5.9	0	0	6	16	2	0	0	0	0	0	0	0					
09:00	23	41.1	35.1	6.3	0	0	5	14	4	0	0	0	0	0	0	0					
10:00	16	39.3	33.7	7.7	0	1	3	11	0	1	0	0	0	0	0	0					
11:00	22	42	35.5	8.8	0	1	4	13	1	2	1	0	0	0	0	0					
12:00	32	43.3	36.2	7.8	0	1	5	18	6	1	1	0	0	0	0	0					
13:00	39	42.2	35	7.3	0	0	11	20	7	0	1	0	0	0	0	0					
14:00	25	40.1	33.3	7.3	0	1	7	14	3	0	0	0	0	0	0	0					
15:00	28	39.3	31.1	8.7	0	2	13	10	2	0	1	0	0	0	0	0					
16:00	33	40.1	33	7.8	0	1	12	16	2	2	0	0	0	0	0	0					
17:00	45	40.8	33.2	7.8	0	1	17	20	5	2	0	0	0	0	0	0					
18:00	28	40.1	33.9	6.8	0	1	6	18	3	0	0	0	0	0	0	0					
19:00	23	41.1	34.5	7.2	0	0	7	12	3	1	0	0	0	0	0	0					
20:00	8	-	32.3	6	0	0	3	5	0	0	0	0	0	0	0	0					
21:00	6	-	33.9	7.3	0	0	2	3	1	0	0	0	0	0	0	0					
22:00	5	-	30	6.2	0	0	3	2	0	0	0	0	0	0	0	0					
23:00	3	-	36	3.3	0	0	0	3	0	0	0	0	0	0	0	0					
12H,7-19	338	40.9	33.9	7.5	0	10	96	183	37	8	4	0	0	0	0	0					
16H,6-22	377	40.9	33.9	7.5	0	10	109	204	41	9	4	0	0	0	0	0					
18H,6-24	385	40.8	33.8	7.4	0	10	112	209	41	9	4	0	0	0	0	0					
24H,0-24	404	40.7	33.6	7.5	0	12	122	216	41	9	4	0	0	0	0	0					

12637		CHIRK			Site No: 12637002			Location Site 2, Old Black Park Rd, Chirk - att to I/c 11								
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Sat 14-Jan-17																
00:00	6	-	32.3	7.8	0	0	3	2	1	0	0	0	0	0	0	0
01:00	4	-	28.5	5.7	0	0	3	1	0	0	0	0	0	0	0	0
02:00	4	-	36.6	9.4	0	0	1	2	0	1	0	0	0	0	0	0
03:00	1	-	43.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	1	-	53.5	-	0	0	0	0	0	0	1	0	0	0	0	0
05:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
06:00	4	-	37.3	8.4	0	0	1	1	2	0	0	0	0	0	0	0
07:00	8	-	37.3	7	0	0	1	5	1	1	0	0	0	0	0	0
08:00	14	40.3	34.9	6.2	0	0	3	9	2	0	0	0	0	0	0	0
09:00	23	40.4	35.2	5.7	0	0	4	16	3	0	0	0	0	0	0	0
10:00	22	42.5	36.3	7.2	0	0	4	13	4	0	1	0	0	0	0	0
11:00	31	43.4	36.6	7.7	0	0	6	17	6	1	0	1	0	0	0	0
12:00	40	39.5	33.3	6.2	0	0	13	24	3	0	0	0	0	0	0	0
13:00	28	40	34.1	6.6	0	0	8	17	2	1	0	0	0	0	0	0
14:00	34	39.8	33.7	6.2	0	0	10	21	3	0	0	0	0	0	0	0
15:00	27	39.8	32.3	8.4	1	0	10	13	2	1	0	0	0	0	0	0
16:00	19	37.7	31.3	5.9	0	0	9	10	0	0	0	0	0	0	0	0
17:00	21	39.8	34.8	7	0	0	5	14	1	0	1	0	0	0	0	0
18:00	38	40	33.6	6.4	0	0	12	22	4	0	0	0	0	0	0	0
19:00	17	39.4	34.7	5.3	0	0	3	13	1	0	0	0	0	0	0	0
20:00	14	52	39.9	9.3	0	0	1	9	1	0	2	1	0	0	0	0
21:00	7	-	31.7	8.3	0	1	1	5	0	0	0	0	0	0	0	0
22:00	7	-	39.6	7.2	0	0	0	5	1	0	1	0	0	0	0	0
23:00	6	-	31	6.2	0	0	3	3	0	0	0	0	0	0	0	0
12H,7-19	305	40.5	34.2	6.8	1	0	85	181	31	4	2	1	0	0	0	0
16H,6-22	347	40.6	34.5	7	1	1	91	209	35	4	4	2	0	0	0	0
18H,6-24	360	40.7	34.5	7	1	1	94	217	36	4	5	2	0	0	0	0
24H,0-24	377	40.7	34.5	7.1	1	1	102	222	38	5	6	2	0	0	0	0

12637		CHIRK			Site No: 12637002		Location Site 2, Old Black Park Rd, Chirk - att to I/c 11									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Sun 15-Jan-17																
00:00	5	-	38	8.7	0	0	1	2	1	1	0	0	0	0	0	0
01:00	4	-	32.9	12	0	1	0	2	1	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0
04:00	1	-	43.5	-	0	0	0	0	1	0	0	0	0	0	0	0
05:00	4	-	35.4	7.5	0	0	1	2	1	0	0	0	0	0	0	0
06:00	3	-	32.7	6.3	0	0	1	2	0	0	0	0	0	0	0	0
07:00	10	37.7	29.8	8.4	0	1	5	3	1	0	0	0	0	0	0	0
08:00	14	40	33.1	7.8	0	0	6	6	1	1	0	0	0	0	0	0
09:00	22	39.4	32.8	7.1	0	0	9	11	1	1	0	0	0	0	0	0
10:00	20	46.6	35	8.7	0	0	7	9	0	4	0	0	0	0	0	0
11:00	19	40.1	36.9	5.2	0	0	1	15	2	1	0	0	0	0	0	0
12:00	24	40.4	35.7	6.6	0	0	4	17	2	0	1	0	0	0	0	0
13:00	36	40.2	35	6	0	0	7	25	3	1	0	0	0	0	0	0
14:00	29	40.6	35.3	5.7	0	0	5	20	4	0	0	0	0	0	0	0
15:00	25	40.3	35.5	5.9	0	0	4	18	2	1	0	0	0	0	0	0
16:00	24	42.5	35.9	7.1	0	0	5	14	3	2	0	0	0	0	0	0
17:00	18	39	33.4	6.7	0	0	6	11	0	1	0	0	0	0	0	0
18:00	21	39.2	32	6.8	0	0	10	9	2	0	0	0	0	0	0	0
19:00	11	48.1	39	8.3	0	0	1	7	0	2	1	0	0	0	0	0
20:00	11	40.6	37.4	4.1	0	0	0	9	2	0	0	0	0	0	0	0
21:00	6	-	36	9.4	0	0	2	2	1	1	0	0	0	0	0	0
22:00	5	-	34	5.3	0	0	1	4	0	0	0	0	0	0	0	0
23:00	3	-	40.2	7.6	0	0	0	2	0	1	0	0	0	0	0	0
12H,7-19	262	40.6	34.5	6.8	0	1	69	158	21	12	1	0	0	0	0	0
16H,6-22	293	40.8	34.8	6.9	0	1	73	178	24	15	2	0	0	0	0	0
18H,6-24	301	40.8	34.9	6.9	0	1	74	184	24	16	2	0	0	0	0	0
24H,0-24	317	40.9	34.9	7	0	2	77	191	28	17	2	0	0	0	0	0

12637		CHIRK			Site No: 12637002					Location Site 2, Old Black Park Rd, Chirk - att to I/c 11						
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Eastbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Mon 16-Jan-17																
00:00	6	-	38.1	5.8	0	0	0	5	0	1	0	0	0	0	0	0
01:00	1	-	58.5	-	0	0	0	0	0	0	0	1	0	0	0	0
02:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	-	26	3.5	0	0	2	0	0	0	0	0	0	0	0	0
05:00	2	-	36	3.5	0	0	0	2	0	0	0	0	0	0	0	0
06:00	8	-	35.4	7.1	0	0	2	4	2	0	0	0	0	0	0	0
07:00	19	40.4	35.1	6.2	0	0	4	12	3	0	0	0	0	0	0	0
08:00	26	40.1	34.4	6.6	0	0	7	16	2	1	0	0	0	0	0	0
09:00	22	44	35.7	7.9	0	0	6	11	2	3	0	0	0	0	0	0
10:00	25	41.9	35.3	6.9	0	0	6	14	4	1	0	0	0	0	0	0
11:00	28	40.1	33.6	7.5	0	2	5	18	3	0	0	0	0	0	0	0
12:00	23	42.8	34.4	9.1	0	1	7	10	3	1	1	0	0	0	0	0
13:00	23	40.2	33.5	6.7	0	0	8	12	3	0	0	0	0	0	0	0
14:00	19	39.9	33.6	7.2	0	1	4	12	2	0	0	0	0	0	0	0
15:00	27	41.6	35.4	6.7	0	0	6	16	4	1	0	0	0	0	0	0
16:00	30	43.5	35.7	8	0	1	6	15	6	2	0	0	0	0	0	0
17:00	24	40.4	35.9	5.7	0	0	3	18	2	1	0	0	0	0	0	0
18:00	23	41.1	35.1	6.3	0	0	5	14	4	0	0	0	0	0	0	0
19:00	9	-	36.3	6.3	0	0	1	7	0	1	0	0	0	0	0	0
20:00	14	40.4	35.3	7.8	0	1	1	10	1	1	0	0	0	0	0	0
21:00	7	-	37.1	4	0	0	0	6	1	0	0	0	0	0	0	0
22:00	9	-	36.6	5.7	0	0	1	6	2	0	0	0	0	0	0	0
23:00	5	-	36	10.3	0	0	2	1	1	1	0	0	0	0	0	0
12H,7-19	289	41.7	34.8	7.1	0	5	67	168	38	10	1	0	0	0	0	0
16H,6-22	327	41.6	34.9	7	0	6	71	195	42	12	1	0	0	0	0	0
18H,6-24	341	41.8	35	7	0	6	74	202	45	13	1	0	0	0	0	0
24H,0-24	353	41.8	35.1	7.1	0	6	76	210	45	14	1	1	0	0	0	0

12637	CHIRK	Site No: 12637002	Location Site 2, Old Black Park Rd, Chirk - att to I/c 11
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Eastbound	

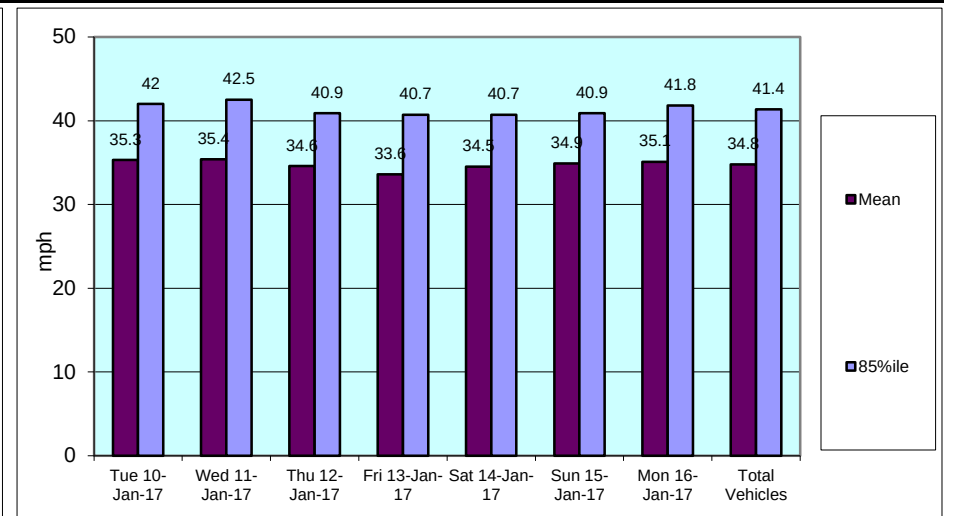
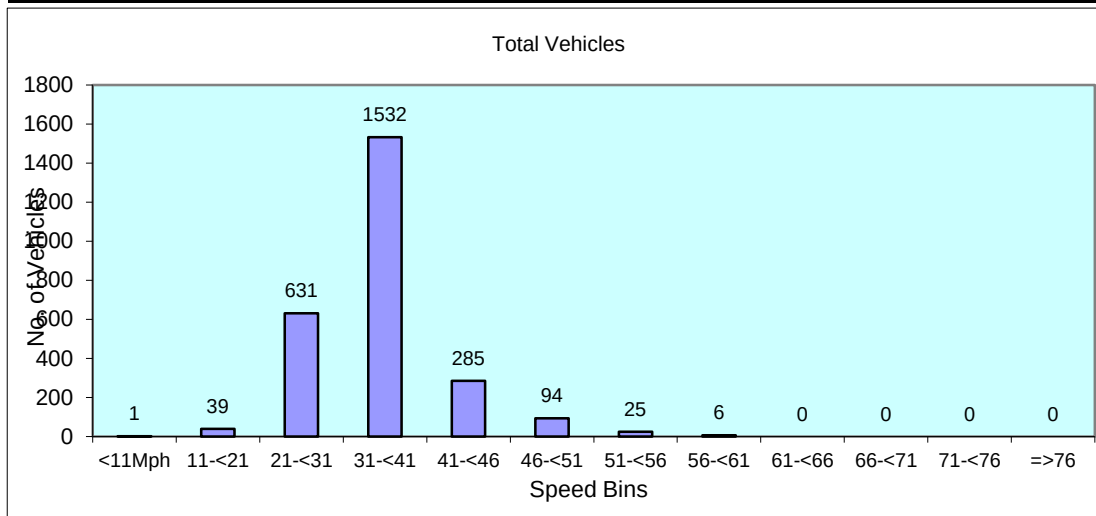
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
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Daily Totals

Tue 10-Jan-17	364	42	35.3	7.2	0	3	81	217	39	17	6	1	0	0	0	0
Wed 11-Jan-17	407	42.5	35.4	7.2	0	7	81	241	56	18	3	1	0	0	0	0
Thu 12-Jan-17	391	40.9	34.6	7.2	0	8	92	235	38	14	3	1	0	0	0	0
Fri 13-Jan-17	404	40.7	33.6	7.5	0	12	122	216	41	9	4	0	0	0	0	0
Sat 14-Jan-17	377	40.7	34.5	7.1	1	1	102	222	38	5	6	2	0	0	0	0
Sun 15-Jan-17	317	40.9	34.9	7	0	2	77	191	28	17	2	0	0	0	0	0
Mon 16-Jan-17	353	41.8	35.1	7.1	0	6	76	210	45	14	1	1	0	0	0	0

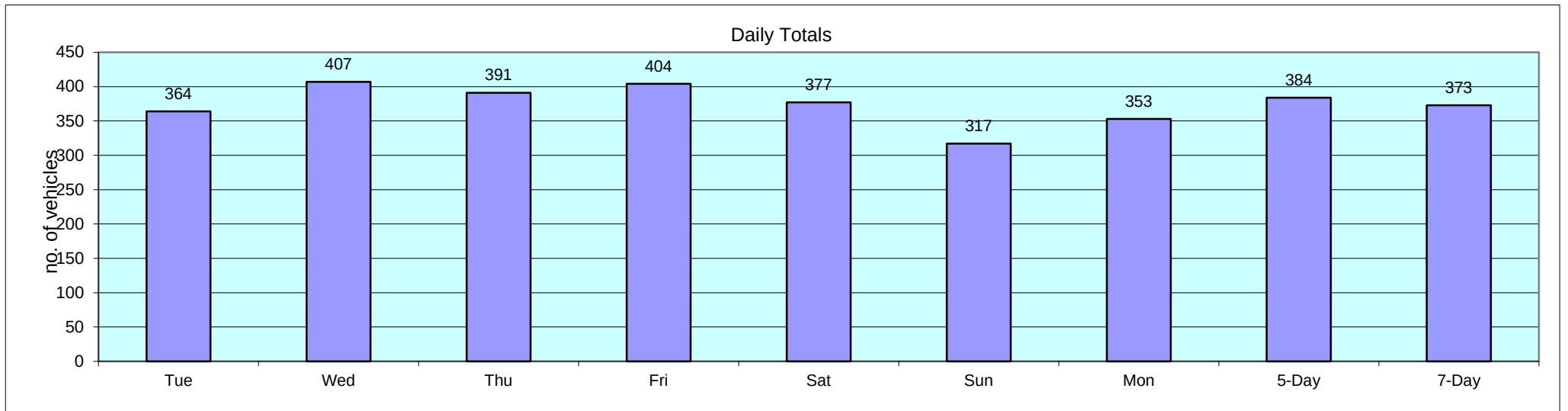
Total Vehicles

[--]	2613	41.4	34.8	7.2	1	39	631	1532	285	94	25	6	0	0	0	0
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12637	CHIRK	Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Channel: Eastbound									
	Tue	Wed	Thu	Fri	Sat	Sun	Mon	5-Day	7-Day
TIME PERIOD	10/01/17	11/01/17	12/01/17	13/01/17	14/01/17	15/01/17	16/01/17	Av	Av
Week Begin: 10-Jan-17									
00:00	3	2	2	2	6	5	6	3	4
01:00	1	1	3	4	4	4	1	2	3
02:00	2	0	1	0	4	0	1	1	1
03:00	2	1	2	1	1	2	0	1	1
04:00	1	2	0	6	1	1	2	2	2
05:00	3	5	5	6	1	4	2	4	4
06:00	6	4	6	2	4	3	8	5	5
07:00	19	16	23	23	8	10	19	20	17
08:00	20	23	23	24	14	14	26	23	21
09:00	18	27	25	23	23	22	22	23	23
10:00	17	26	15	16	22	20	25	20	20
11:00	23	26	26	22	31	19	28	25	25
12:00	36	26	27	32	40	24	23	29	30
13:00	26	34	30	39	28	36	23	30	31
14:00	22	19	25	25	34	29	19	22	25
15:00	28	38	34	28	27	25	27	31	30
16:00	27	35	43	33	19	24	30	34	30
17:00	29	44	27	45	21	18	24	34	30
18:00	33	28	29	28	38	21	23	28	29
19:00	19	15	20	23	17	11	9	17	16
20:00	5	13	10	8	14	11	14	10	11
21:00	6	10	9	6	7	6	7	8	7
22:00	11	6	4	5	7	5	9	7	7
23:00	7	6	2	3	6	3	5	5	5
12H,7-19	298	342	327	338	305	262	289	319	309
16H,6-22	334	384	372	377	347	293	327	359	348
18H,6-24	352	396	378	385	360	301	341	370	359
24H,0-24	364	407	391	404	377	317	353	384	373
Am	11:00	09:00	11:00	08:00	11:00	09:00	11:00	-	-
Peak	23	27	26	24	31	22	28	26	26
Pm	12:00	17:00	16:00	17:00	12:00	13:00	16:00	-	-
Peak	36	44	43	45	40	36	30	40	39

	Tue	Wed	Thu	Fri	Sat	Sun	Mon	5-Day	7-Day
TIME PERIOD	10/01/17	11/01/17	12/01/17	13/01/17	14/01/17	15/01/17	16/01/17	Av	Av



12637	CHIRK	Site No: 12637002	Location	Site 2, Old Black Park Rd, Chirk - att to I/c 11							
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Westbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Tue 10-Jan-17											
00:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
01:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
02:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
03:00	0	0	-	0	-	0	-	0	-	0	-
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
06:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
07:00	19	0	0.0	19	100.0	0	0.0	0	0.0	0	0.0
08:00	23	0	0.0	16	69.6	5	21.7	2	8.7	0	0.0
09:00	15	0	0.0	15	100.0	0	0.0	0	0.0	0	0.0
10:00	23	0	0.0	17	73.9	5	21.7	0	0.0	1	4.4
11:00	13	0	0.0	12	92.3	1	7.7	0	0.0	0	0.0
12:00	37	0	0.0	35	94.6	2	5.4	0	0.0	0	0.0
13:00	30	0	0.0	28	93.3	2	6.7	0	0.0	0	0.0
14:00	25	0	0.0	23	92.0	1	4.0	0	0.0	1	4.0
15:00	24	0	0.0	24	100.0	0	0.0	0	0.0	0	0.0
16:00	25	0	0.0	24	96.0	0	0.0	0	0.0	1	4.0
17:00	29	2	6.9	26	89.7	1	3.5	0	0.0	0	0.0
18:00	44	0	0.0	42	95.5	2	4.6	0	0.0	0	0.0
19:00	23	0	0.0	23	100.0	0	0.0	0	0.0	0	0.0
20:00	9	1	11.1	8	88.9	0	0.0	0	0.0	0	0.0
21:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
22:00	20	0	0.0	20	100.0	0	0.0	0	0.0	0	0.0
23:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
12H,7-19	307	2	0.7	281	91.5	19	6.2	2	0.7	3	1.0
16H,6-22	354	3	0.9	327	92.4	19	5.4	2	0.6	3	0.9
18H,6-24	380	3	0.8	352	92.6	20	5.3	2	0.5	3	0.8
24H,0-24	390	3	0.8	360	92.3	22	5.6	2	0.5	3	0.8

12637	CHIRK			Site No: 12637002			Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %	
Wed 11-Jan-17												
00:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	
01:00	0	0	-	0	-	0	-	0	-	0	-	
02:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	
05:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	
06:00	6	0	0.0	4	66.7	2	33.3	0	0.0	0	0.0	
07:00	21	0	0.0	20	95.2	0	0.0	1	4.8	0	0.0	
08:00	28	0	0.0	20	71.4	5	17.9	3	10.7	0	0.0	
09:00	19	0	0.0	15	79.0	4	21.1	0	0.0	0	0.0	
10:00	24	0	0.0	22	91.7	0	0.0	1	4.2	1	4.2	
11:00	19	0	0.0	18	94.7	1	5.3	0	0.0	0	0.0	
12:00	23	0	0.0	22	95.7	1	4.4	0	0.0	0	0.0	
13:00	34	0	0.0	34	100.0	0	0.0	0	0.0	0	0.0	
14:00	26	0	0.0	21	80.8	4	15.4	0	0.0	1	3.9	
15:00	27	0	0.0	22	81.5	5	18.5	0	0.0	0	0.0	
16:00	38	1	2.6	33	86.8	2	5.3	1	2.6	1	2.6	
17:00	34	0	0.0	34	100.0	0	0.0	0	0.0	0	0.0	
18:00	40	0	0.0	38	95.0	2	5.0	0	0.0	0	0.0	
19:00	21	2	9.5	19	90.5	0	0.0	0	0.0	0	0.0	
20:00	14	0	0.0	12	85.7	2	14.3	0	0.0	0	0.0	
21:00	12	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0	
22:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0	
23:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	
12H,7-19	333	1	0.3	299	89.8	24	7.2	6	1.8	3	0.9	
16H,6-22	386	3	0.8	346	89.6	28	7.3	6	1.6	3	0.8	
18H,6-24	398	3	0.8	358	90.0	28	7.0	6	1.5	3	0.8	
24H,0-24	407	3	0.7	366	89.9	29	7.1	6	1.5	3	0.7	

12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Thu 12-Jan-17											
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	7	0	0.0	5	71.4	2	28.6	0	0.0	0	0.0
02:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
03:00	0	0	-	0	-	0	-	0	-	0	-
04:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	0	0	-	0	-	0	-	0	-	0	-
06:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
07:00	14	0	0.0	11	78.6	2	14.3	1	7.1	0	0.0
08:00	22	0	0.0	17	77.3	2	9.1	3	13.6	0	0.0
09:00	22	0	0.0	20	90.9	2	9.1	0	0.0	0	0.0
10:00	26	0	0.0	17	65.4	8	30.8	0	0.0	1	3.9
11:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
12:00	34	0	0.0	33	97.1	1	2.9	0	0.0	0	0.0
13:00	34	0	0.0	31	91.2	2	5.9	1	2.9	0	0.0
14:00	34	0	0.0	28	82.4	4	11.8	1	2.9	1	2.9
15:00	24	0	0.0	21	87.5	3	12.5	0	0.0	0	0.0
16:00	54	0	0.0	49	90.7	3	5.6	1	1.9	1	1.9
17:00	26	0	0.0	26	100.0	0	0.0	0	0.0	0	0.0
18:00	30	0	0.0	29	96.7	1	3.3	0	0.0	0	0.0
19:00	33	0	0.0	31	93.9	2	6.1	0	0.0	0	0.0
20:00	18	0	0.0	17	94.4	1	5.6	0	0.0	0	0.0
21:00	16	0	0.0	16	100.0	0	0.0	0	0.0	0	0.0
22:00	12	0	0.0	10	83.3	2	16.7	0	0.0	0	0.0
23:00	5	0	0.0	4	80.0	0	0.0	1	20.0	0	0.0
12H,7-19	334	0	0.0	295	88.3	29	8.7	7	2.1	3	0.9
16H,6-22	406	0	0.0	363	89.4	33	8.1	7	1.7	3	0.7
18H,6-24	423	0	0.0	377	89.1	35	8.3	8	1.9	3	0.7
24H,0-24	435	0	0.0	386	88.7	38	8.7	8	1.8	3	0.7

12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Fri 13-Jan-17											
00:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	6	0	0.0	1	16.7	2	33.3	3	50.0	0	0.0
04:00	0	0	-	0	-	0	-	0	-	0	-
05:00	3	0	0.0	1	33.3	2	66.7	0	0.0	0	0.0
06:00	10	0	0.0	6	60.0	3	30.0	1	10.0	0	0.0
07:00	13	0	0.0	12	92.3	1	7.7	0	0.0	0	0.0
08:00	15	0	0.0	10	66.7	3	20.0	2	13.3	0	0.0
09:00	26	0	0.0	23	88.5	3	11.5	0	0.0	0	0.0
10:00	23	0	0.0	17	73.9	5	21.7	0	0.0	1	4.4
11:00	18	0	0.0	17	94.4	1	5.6	0	0.0	0	0.0
12:00	28	0	0.0	23	82.1	5	17.9	0	0.0	0	0.0
13:00	45	0	0.0	40	88.9	3	6.7	2	4.4	0	0.0
14:00	33	0	0.0	29	87.9	2	6.1	1	3.0	1	3.0
15:00	35	0	0.0	31	88.6	4	11.4	0	0.0	0	0.0
16:00	39	0	0.0	36	92.3	2	5.1	0	0.0	1	2.6
17:00	43	0	0.0	42	97.7	0	0.0	1	2.3	0	0.0
18:00	33	0	0.0	30	90.9	2	6.1	1	3.0	0	0.0
19:00	27	0	0.0	26	96.3	1	3.7	0	0.0	0	0.0
20:00	13	0	0.0	11	84.6	2	15.4	0	0.0	0	0.0
21:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
22:00	13	1	7.7	12	92.3	0	0.0	0	0.0	0	0.0
23:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	351	0	0.0	310	88.3	31	8.8	7	2.0	3	0.9
16H,6-22	411	0	0.0	363	88.3	37	9.0	8	2.0	3	0.7
18H,6-24	432	1	0.2	383	88.7	37	8.6	8	1.9	3	0.7
24H,0-24	445	1	0.2	389	87.4	41	9.2	11	2.5	3	0.7

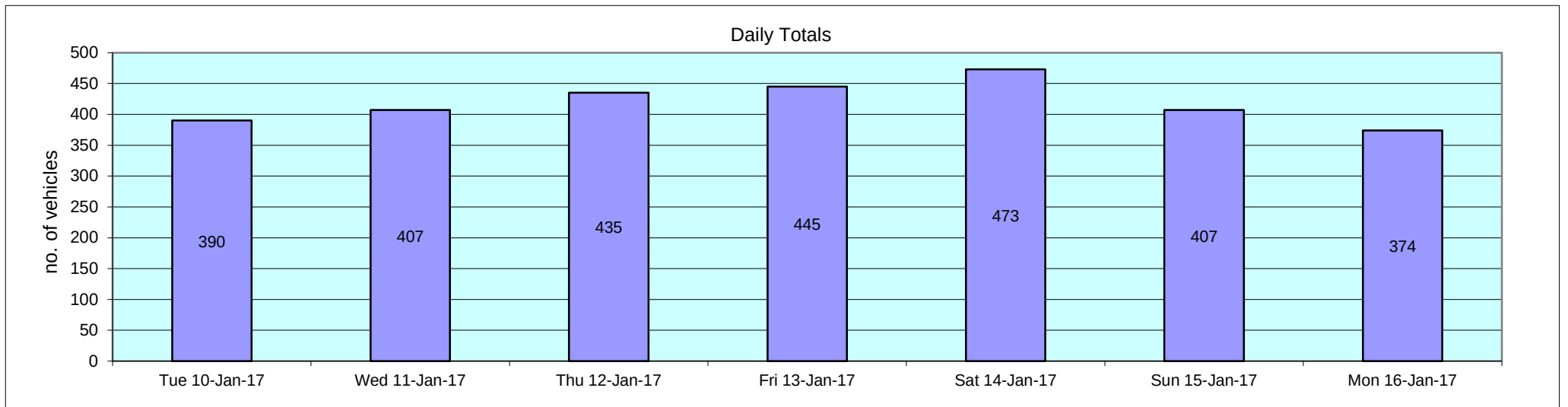
12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sat 14-Jan-17											
00:00	8	0	0.0	5	62.5	2	25.0	1	12.5	0	0.0
01:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
02:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	0	0	-	0	-	0	-	0	-	0	-
04:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
05:00	2	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0
06:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
07:00	7	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
08:00	17	0	0.0	15	88.2	2	11.8	0	0.0	0	0.0
09:00	20	0	0.0	18	90.0	2	10.0	0	0.0	0	0.0
10:00	28	0	0.0	27	96.4	0	0.0	1	3.6	0	0.0
11:00	17	0	0.0	16	94.1	1	5.9	0	0.0	0	0.0
12:00	43	0	0.0	41	95.4	2	4.7	0	0.0	0	0.0
13:00	35	0	0.0	34	97.1	1	2.9	0	0.0	0	0.0
14:00	53	0	0.0	50	94.3	2	3.8	1	1.9	0	0.0
15:00	30	0	0.0	29	96.7	1	3.3	0	0.0	0	0.0
16:00	42	0	0.0	41	97.6	0	0.0	1	2.4	0	0.0
17:00	35	1	2.9	33	94.3	1	2.9	0	0.0	0	0.0
18:00	45	0	0.0	45	100.0	0	0.0	0	0.0	0	0.0
19:00	26	0	0.0	25	96.2	1	3.9	0	0.0	0	0.0
20:00	20	0	0.0	20	100.0	0	0.0	0	0.0	0	0.0
21:00	10	1	10.0	9	90.0	0	0.0	0	0.0	0	0.0
22:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
23:00	13	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	372	1	0.3	356	95.7	12	3.2	3	0.8	0	0.0
16H,6-22	430	2	0.5	412	95.8	13	3.0	3	0.7	0	0.0
18H,6-24	457	2	0.4	438	95.8	14	3.1	3	0.7	0	0.0
24H,0-24	473	2	0.4	448	94.7	18	3.8	5	1.1	0	0.0

12637	CHIRK			Site No: 12637002			Location	Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Sun 15-Jan-17											
00:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
01:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
02:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
05:00	0	0	-	0	-	0	-	0	-	0	-
06:00	9	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
07:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
08:00	17	0	0.0	15	88.2	2	11.8	0	0.0	0	0.0
09:00	30	1	3.3	28	93.3	1	3.3	0	0.0	0	0.0
10:00	28	0	0.0	28	100.0	0	0.0	0	0.0	0	0.0
11:00	25	0	0.0	25	100.0	0	0.0	0	0.0	0	0.0
12:00	24	0	0.0	24	100.0	0	0.0	0	0.0	0	0.0
13:00	46	0	0.0	44	95.7	2	4.4	0	0.0	0	0.0
14:00	37	0	0.0	36	97.3	1	2.7	0	0.0	0	0.0
15:00	32	2	6.3	29	90.6	1	3.1	0	0.0	0	0.0
16:00	29	0	0.0	28	96.6	1	3.5	0	0.0	0	0.0
17:00	29	0	0.0	27	93.1	2	6.9	0	0.0	0	0.0
18:00	25	1	4.0	23	92.0	1	4.0	0	0.0	0	0.0
19:00	12	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0
20:00	17	0	0.0	15	88.2	2	11.8	0	0.0	0	0.0
21:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
22:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
23:00	6	1	16.7	5	83.3	0	0.0	0	0.0	0	0.0
12H,7-19	331	4	1.2	316	95.5	11	3.3	0	0.0	0	0.0
16H,6-22	379	4	1.1	361	95.3	14	3.7	0	0.0	0	0.0
18H,6-24	388	5	1.3	369	95.1	14	3.6	0	0.0	0	0.0
24H,0-24	407	5	1.2	388	95.3	14	3.4	0	0.0	0	0.0

12637		CHIRK		Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Tue 10-Jan-17 to Mon 16-Jan-17				Channel: Westbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Mon 16-Jan-17											
00:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	0	0	-	0	-	0	-	0	-	0	-
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
07:00	9	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
08:00	24	0	0.0	16	66.7	5	20.8	3	12.5	0	0.0
09:00	14	0	0.0	11	78.6	3	21.4	0	0.0	0	0.0
10:00	27	0	0.0	23	85.2	2	7.4	1	3.7	1	3.7
11:00	31	0	0.0	25	80.7	4	12.9	2	6.5	0	0.0
12:00	23	0	0.0	17	73.9	2	8.7	4	17.4	0	0.0
13:00	28	0	0.0	22	78.6	4	14.3	2	7.1	0	0.0
14:00	28	0	0.0	25	89.3	2	7.1	0	0.0	1	3.6
15:00	25	0	0.0	23	92.0	1	4.0	1	4.0	0	0.0
16:00	34	0	0.0	32	94.1	1	2.9	0	0.0	1	2.9
17:00	17	0	0.0	15	88.2	2	11.8	0	0.0	0	0.0
18:00	27	0	0.0	26	96.3	1	3.7	0	0.0	0	0.0
19:00	23	1	4.4	22	95.7	0	0.0	0	0.0	0	0.0
20:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
21:00	15	0	0.0	14	93.3	1	6.7	0	0.0	0	0.0
22:00	12	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0
23:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	287	0	0.0	243	84.7	28	9.8	13	4.5	3	1.1
16H,6-22	345	1	0.3	298	86.4	30	8.7	13	3.8	3	0.9
18H,6-24	365	1	0.3	318	87.1	30	8.2	13	3.6	3	0.8
24H,0-24	374	1	0.3	326	87.2	31	8.3	13	3.5	3	0.8

12637	CHIRK	Site No: 12637002	Location	Site 2, Old Black Park Rd, Chirk - att to I/c 11
Tue 10-Jan-17 to Mon 16-Jan-17		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Tue 10-Jan-17	390	3	0.8	360	92.3	22	5.6	2	0.5	3	0.8
Wed 11-Jan-17	407	3	0.7	366	89.9	29	7.1	6	1.5	3	0.7
Thu 12-Jan-17	435	0	0.0	386	88.7	38	8.7	8	1.8	3	0.7
Fri 13-Jan-17	445	1	0.2	389	87.4	41	9.2	11	2.5	3	0.7
Sat 14-Jan-17	473	2	0.4	448	94.7	18	3.8	5	1.1	0	0.0
Sun 15-Jan-17	407	5	1.2	388	95.3	14	3.4	0	0.0	0	0.0
Mon 16-Jan-17	374	1	0.3	326	87.2	31	8.3	13	3.5	3	0.8
Total Vehicles											
[--]	2931	15	0.5	2663	90.8	193	6.6	45	1.5	15	0.5



12637		CHIRK			Site No: 12637002		Location Site 2, Old Black Park Rd, Chirk - att to I/c 11									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Tue 10-Jan-17																
00:00	4	-	31	6.5	0	0	2	2	0	0	0	0	0	0	0	0
01:00	2	-	26	3.5	0	0	2	0	0	0	0	0	0	0	0	0
02:00	2	-	36	3.5	0	0	0	2	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
06:00	5	-	30	6.2	0	0	3	2	0	0	0	0	0	0	0	0
07:00	19	39.7	33.1	6.7	0	0	7	10	2	0	0	0	0	0	0	0
08:00	23	41.1	32.7	7.8	0	0	11	8	3	1	0	0	0	0	0	0
09:00	15	42.3	34.2	8.5	0	0	6	6	1	2	0	0	0	0	0	0
10:00	23	38.7	33	6.3	0	1	5	17	0	0	0	0	0	0	0	0
11:00	13	38.3	32.9	5.6	0	0	4	9	0	0	0	0	0	0	0	0
12:00	37	40	33.4	7.2	0	1	11	21	3	1	0	0	0	0	0	0
13:00	30	39.3	32.8	6.8	0	1	9	18	2	0	0	0	0	0	0	0
14:00	25	38	31.6	5.9	0	0	11	14	0	0	0	0	0	0	0	0
15:00	24	39.9	31.9	7.6	0	1	10	10	3	0	0	0	0	0	0	0
16:00	25	40.1	33.7	6.5	0	0	8	14	3	0	0	0	0	0	0	0
17:00	29	38	30.9	7.1	1	0	12	16	0	0	0	0	0	0	0	0
18:00	44	38.7	32.5	6.9	0	1	15	27	0	0	1	0	0	0	0	0
19:00	23	38.5	31.5	7	0	1	9	12	1	0	0	0	0	0	0	0
20:00	9	-	31.3	7.2	0	0	5	3	1	0	0	0	0	0	0	0
21:00	10	37.7	32	6	0	0	4	6	0	0	0	0	0	0	0	0
22:00	20	36.8	29.9	6.3	0	0	13	6	1	0	0	0	0	0	0	0
23:00	6	-	33.9	7.3	0	0	2	3	1	0	0	0	0	0	0	0
12H,7-19	307	39.6	32.7	6.9	1	5	109	170	17	4	1	0	0	0	0	0
16H,6-22	354	39.5	32.5	6.9	1	6	130	193	19	4	1	0	0	0	0	0
18H,6-24	380	39.4	32.4	6.8	1	6	145	202	21	4	1	0	0	0	0	0
24H,0-24	390	39.4	32.4	6.8	1	6	150	207	21	4	1	0	0	0	0	0

12637		CHIRK			Site No: 12637002				Location Site 2, Old Black Park Rd, Chirk - att to I/c 11							
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Wed 11-Jan-17																
00:00	4	-	26	3.2	0	0	4	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	-	26	3.5	0	0	2	0	0	0	0	0	0	0	0	0
03:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
04:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
06:00	6	-	31	6.2	0	0	3	3	0	0	0	0	0	0	0	0
07:00	21	37.7	29.8	7.9	0	1	13	5	1	1	0	0	0	0	0	0
08:00	28	38.3	30.3	8	0	2	14	10	1	1	0	0	0	0	0	0
09:00	19	37.3	30.7	5.9	0	0	10	9	0	0	0	0	0	0	0	0
10:00	24	38.3	31.8	6.5	0	1	8	15	0	0	0	0	0	0	0	0
11:00	19	38.2	32.3	5.8	0	0	7	12	0	0	0	0	0	0	0	0
12:00	23	36.6	28.6	7.5	0	3	11	9	0	0	0	0	0	0	0	0
13:00	34	38.9	33	5.8	0	0	11	22	1	0	0	0	0	0	0	0
14:00	26	38.6	31.5	7.8	0	2	9	14	0	1	0	0	0	0	0	0
15:00	27	37.1	29.8	7.1	0	1	16	9	0	1	0	0	0	0	0	0
16:00	38	39.5	34.4	5.7	0	0	8	28	1	1	0	0	0	0	0	0
17:00	34	39.6	33	6.8	0	0	13	18	2	1	0	0	0	0	0	0
18:00	40	39	32.8	6.4	0	0	15	23	1	1	0	0	0	0	0	0
19:00	21	38.9	30.9	8.8	1	0	10	8	1	1	0	0	0	0	0	0
20:00	14	39.4	34.4	5.7	0	0	3	10	1	0	0	0	0	0	0	0
21:00	12	38.4	31.6	6.8	0	0	6	5	1	0	0	0	0	0	0	0
22:00	8	-	35.1	7.6	0	0	2	5	0	1	0	0	0	0	0	0
23:00	4	-	36	3.2	0	0	0	4	0	0	0	0	0	0	0	0
12H,7-19	333	38.9	31.8	6.9	0	10	135	174	7	7	0	0	0	0	0	0
16H,6-22	386	39	31.8	6.9	1	10	157	200	10	8	0	0	0	0	0	0
18H,6-24	398	39	31.9	6.9	1	10	159	209	10	9	0	0	0	0	0	0
24H,0-24	407	39	31.8	6.9	1	10	167	210	10	9	0	0	0	0	0	0

12637					CHIRK					Site No: 12637002					Location Site 2, Old Black Park Rd, Chirk - att to I/c 11						
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound																
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76					
Thu 12-Jan-17																					
00:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0					
01:00	7	-	30.3	6.1	0	0	4	3	0	0	0	0	0	0	0	0					
02:00	2	-	36	3.5	0	0	0	2	0	0	0	0	0	0	0	0					
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0					
04:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0					
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0					
06:00	5	-	32	6.2	0	0	2	3	0	0	0	0	0	0	0	0					
07:00	14	37.3	31	6	0	0	7	7	0	0	0	0	0	0	0	0					
08:00	22	38.7	31.8	7	0	1	8	12	1	0	0	0	0	0	0	0					
09:00	22	41.3	34.2	6.9	0	0	7	11	4	0	0	0	0	0	0	0					
10:00	26	39.6	31.9	7	0	0	13	10	3	0	0	0	0	0	0	0					
11:00	14	38.1	32.4	5.8	0	0	5	9	0	0	0	0	0	0	0	0					
12:00	34	38.1	31	6.8	0	2	13	19	0	0	0	0	0	0	0	0					
13:00	34	37.5	30.7	5.9	0	0	18	16	0	0	0	0	0	0	0	0					
14:00	34	37.9	30.5	7.4	0	2	16	15	0	1	0	0	0	0	0	0					
15:00	24	39.1	32.3	7.1	0	0	11	11	1	1	0	0	0	0	0	0					
16:00	54	38.9	32.7	6.2	0	0	20	32	1	1	0	0	0	0	0	0					
17:00	26	38.7	32.4	6.1	0	0	10	15	1	0	0	0	0	0	0	0					
18:00	30	38.5	31.8	7.1	0	1	12	16	0	1	0	0	0	0	0	0					
19:00	33	38.2	31.4	6.2	0	0	16	16	1	0	0	0	0	0	0	0					
20:00	18	38.3	31.1	7.9	0	1	8	8	0	1	0	0	0	0	0	0					
21:00	16	39.1	33.3	6.1	0	0	5	10	1	0	0	0	0	0	0	0					
22:00	12	38.7	34.3	4.9	0	0	2	10	0	0	0	0	0	0	0	0					
23:00	5	-	32	6.2	0	0	2	3	0	0	0	0	0	0	0	0					
12H,7-19	334	38.9	31.8	6.6	0	6	140	173	11	4	0	0	0	0	0	0					
16H,6-22	406	38.9	31.8	6.6	0	7	171	210	13	5	0	0	0	0	0	0					
18H,6-24	423	38.9	31.9	6.6	0	7	175	223	13	5	0	0	0	0	0	0					
24H,0-24	435	38.9	31.9	6.5	0	7	181	229	13	5	0	0	0	0	0	0					

12637		CHIRK			Site No: 12637002		Location Site 2, Old Black Park Rd, Chirk - att to I/c 11									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Fri 13-Jan-17																
00:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0
01:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
02:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
03:00	6	-	26	6.8	0	1	4	1	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	3	-	26	3.3	0	0	3	0	0	0	0	0	0	0	0	0
06:00	10	31	28	5.1	0	0	8	2	0	0	0	0	0	0	0	0
07:00	13	36.2	30	7.6	0	0	9	3	0	1	0	0	0	0	0	0
08:00	15	37.1	30	6.9	0	1	7	7	0	0	0	0	0	0	0	0
09:00	26	37.2	30.1	6.2	0	0	16	9	1	0	0	0	0	0	0	0
10:00	23	39.3	33.4	7.4	1	0	4	17	1	0	0	0	0	0	0	0
11:00	18	38.8	32.3	7.8	0	1	6	10	0	1	0	0	0	0	0	0
12:00	28	38.2	31.3	6.2	0	0	14	13	1	0	0	0	0	0	0	0
13:00	45	39.3	32.7	6.3	0	0	17	25	3	0	0	0	0	0	0	0
14:00	33	38.5	32.7	5.6	0	0	11	22	0	0	0	0	0	0	0	0
15:00	35	39.1	32.4	7.8	0	2	11	20	1	0	1	0	0	0	0	0
16:00	39	38.6	31.3	6.8	0	1	18	18	2	0	0	0	0	0	0	0
17:00	43	37.1	30.2	5.8	0	0	25	18	0	0	0	0	0	0	0	0
18:00	33	39.3	32.1	7.3	0	0	16	14	1	2	0	0	0	0	0	0
19:00	27	38.2	30.1	8	0	2	14	9	1	1	0	0	0	0	0	0
20:00	13	38.1	30.4	7.9	0	1	6	5	1	0	0	0	0	0	0	0
21:00	10	37.7	30.8	7.1	0	0	6	3	1	0	0	0	0	0	0	0
22:00	13	36.1	27.5	8.5	0	3	5	5	0	0	0	0	0	0	0	0
23:00	8	-	31	6.1	0	0	4	4	0	0	0	0	0	0	0	0
12H,7-19	351	38.8	31.7	6.7	1	5	154	176	10	4	1	0	0	0	0	0
16H,6-22	411	38.8	31.4	6.8	1	8	188	195	13	5	1	0	0	0	0	0
18H,6-24	432	38.7	31.3	6.9	1	11	197	204	13	5	1	0	0	0	0	0
24H,0-24	445	38.7	31.1	6.9	1	12	207	206	13	5	1	0	0	0	0	0

12637					CHIRK	Site No: 12637002					Location Site 2, Old Black Park Rd, Chirk - att to I/c 11						
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound												
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76	
Sat 14-Jan-17																	
00:00	8	-	28.5	7.6	0	1	4	3	0	0	0	0	0	0	0	0	
01:00	4	-	31	6.5	0	0	2	2	0	0	0	0	0	0	0	0	
02:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0	
05:00	2	-	21	7.1	0	1	1	0	0	0	0	0	0	0	0	0	
06:00	2	-	26	3.5	0	0	2	0	0	0	0	0	0	0	0	0	
07:00	7	-	27.4	7.4	0	1	4	2	0	0	0	0	0	0	0	0	
08:00	17	38.7	32.3	6.4	0	0	7	9	1	0	0	0	0	0	0	0	
09:00	20	38.5	31	7.5	0	0	12	6	1	1	0	0	0	0	0	0	
10:00	28	38.5	31.2	6.6	0	0	15	11	2	0	0	0	0	0	0	0	
11:00	17	38.9	30.7	8.5	0	1	9	5	1	1	0	0	0	0	0	0	
12:00	43	38.8	32	6.5	0	0	19	22	1	1	0	0	0	0	0	0	
13:00	35	39.1	32.6	7	0	1	12	20	1	1	0	0	0	0	0	0	
14:00	53	38.7	31.9	6.2	0	0	23	28	2	0	0	0	0	0	0	0	
15:00	30	39.3	30.9	8.5	0	3	12	12	2	1	0	0	0	0	0	0	
16:00	42	38.7	31.8	6.3	0	0	19	21	2	0	0	0	0	0	0	0	
17:00	35	38.2	31.6	6.9	0	0	17	17	0	0	1	0	0	0	0	0	
18:00	45	39.7	31.5	7.2	0	1	22	17	5	0	0	0	0	0	0	0	
19:00	26	38.3	32.2	5.8	0	0	10	16	0	0	0	0	0	0	0	0	
20:00	20	39.8	33.8	6.3	0	0	6	12	2	0	0	0	0	0	0	0	
21:00	10	36	29	7.3	0	1	5	4	0	0	0	0	0	0	0	0	
22:00	14	44.5	35.3	8.8	0	0	5	5	2	2	0	0	0	0	0	0	
23:00	13	36.1	29.8	5.9	0	0	8	5	0	0	0	0	0	0	0	0	
12H,7-19	372	39.1	31.6	6.9	0	7	171	170	18	5	1	0	0	0	0	0	
16H,6-22	430	39.1	31.7	6.8	0	8	194	202	20	5	1	0	0	0	0	0	
18H,6-24	457	39.2	31.7	6.9	0	8	207	212	22	7	1	0	0	0	0	0	
24H,0-24	473	39.1	31.6	6.9	0	10	215	218	22	7	1	0	0	0	0	0	

12637		CHIRK			Site No: 12637002		Location Site 2, Old Black Park Rd, Chirk - att to I/c 11									
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Sun 15-Jan-17																
00:00	9	-	35.4	9.1	0	0	3	4	0	2	0	0	0	0	0	0
01:00	2	-	36	3.5	0	0	0	2	0	0	0	0	0	0	0	0
02:00	3	-	29.3	6.3	0	0	2	1	0	0	0	0	0	0	0	0
03:00	1	-	36	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	4	-	33.5	5.7	0	0	1	3	0	0	0	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	9	-	32.4	10.9	0	1	3	4	0	0	1	0	0	0	0	0
07:00	9	-	29.3	7.6	0	1	4	4	0	0	0	0	0	0	0	0
08:00	17	37.2	30.7	5.9	0	0	9	8	0	0	0	0	0	0	0	0
09:00	30	38.1	30.3	7.8	1	1	13	14	1	0	0	0	0	0	0	0
10:00	28	40.5	33	7.8	0	1	10	13	3	1	0	0	0	0	0	0
11:00	25	39	33.1	5.9	0	0	8	16	1	0	0	0	0	0	0	0
12:00	24	38.3	32.3	5.8	0	0	9	15	0	0	0	0	0	0	0	0
13:00	46	37.9	31	6.2	0	1	21	24	0	0	0	0	0	0	0	0
14:00	37	38.2	31.1	6.6	0	1	17	18	1	0	0	0	0	0	0	0
15:00	32	39.4	33.2	7	0	1	9	20	1	1	0	0	0	0	0	0
16:00	29	39	32	6.5	0	0	13	14	2	0	0	0	0	0	0	0
17:00	29	39.2	30.7	8.2	0	2	14	10	2	1	0	0	0	0	0	0
18:00	25	38.5	32.1	6.7	0	0	11	13	0	1	0	0	0	0	0	0
19:00	12	39.5	36	6.7	0	0	2	8	1	1	0	0	0	0	0	0
20:00	17	40.9	34.1	8.3	0	1	4	9	2	1	0	0	0	0	0	0
21:00	10	41	33.5	7.6	0	0	4	4	2	0	0	0	0	0	0	0
22:00	3	-	38.5	13.9	0	0	1	1	0	0	1	0	0	0	0	0
23:00	6	-	33.1	11.2	0	1	1	3	0	1	0	0	0	0	0	0
12H,7-19	331	38.9	31.7	6.8	1	8	138	169	11	4	0	0	0	0	0	0
16H,6-22	379	39.2	32	7.1	1	10	151	194	16	6	1	0	0	0	0	0
18H,6-24	388	39.3	32	7.2	1	11	153	198	16	7	2	0	0	0	0	0
24H,0-24	407	39.3	32.1	7.2	1	11	159	209	16	9	2	0	0	0	0	0

12637		CHIRK			Site No: 12637002			Location Site 2, Old Black Park Rd, Chirk - att to I/c 11								
Tue 10-Jan-17 to Mon 16-Jan-17					Channel: Westbound											
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
Mon 16-Jan-17																
00:00	5	-	33.5	7.9	0	0	2	2	1	0	0	0	0	0	0	0
01:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
02:00	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
04:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	2	-	31	7.1	0	0	1	1	0	0	0	0	0	0	0	0
06:00	6	-	34.8	14.3	0	1	1	3	0	0	0	1	0	0	0	0
07:00	9	-	29.3	5.8	0	0	6	3	0	0	0	0	0	0	0	0
08:00	24	39.1	33.4	5.8	0	0	7	16	1	0	0	0	0	0	0	0
09:00	14	37.8	31	7.1	0	1	5	8	0	0	0	0	0	0	0	0
10:00	27	39.3	32.7	7.4	0	1	9	15	1	1	0	0	0	0	0	0
11:00	31	38.1	31.5	6.4	0	1	12	18	0	0	0	0	0	0	0	0
12:00	23	38.3	30.2	8.2	0	3	8	11	1	0	0	0	0	0	0	0
13:00	28	37.1	29.9	6.4	0	1	15	12	0	0	0	0	0	0	0	0
14:00	28	39.1	32.3	6.5	0	0	12	14	2	0	0	0	0	0	0	0
15:00	25	38	31.6	5.9	0	0	11	14	0	0	0	0	0	0	0	0
16:00	34	39.5	32	7.5	0	2	12	17	3	0	0	0	0	0	0	0
17:00	17	38.4	31.7	6.5	0	0	8	8	1	0	0	0	0	0	0	0
18:00	27	38.3	31.9	6.4	0	1	9	17	0	0	0	0	0	0	0	0
19:00	23	39.5	33.2	6.4	0	0	8	13	2	0	0	0	0	0	0	0
20:00	14	39.2	33.7	6.1	0	0	4	9	1	0	0	0	0	0	0	0
21:00	15	38.5	31.8	6.6	0	0	7	7	1	0	0	0	0	0	0	0
22:00	12	39.1	32.5	7.9	0	1	3	7	1	0	0	0	0	0	0	0
23:00	8	-	33.2	10	0	0	4	3	0	0	1	0	0	0	0	0
12H,7-19	287	38.8	31.6	6.7	0	10	114	153	9	1	0	0	0	0	0	0
16H,6-22	345	39	31.9	6.8	0	11	134	185	13	1	0	1	0	0	0	0
18H,6-24	365	39	31.9	6.9	0	12	141	195	14	1	1	1	0	0	0	0
24H,0-24	374	39.1	31.9	6.9	0	12	146	198	15	1	1	1	0	0	0	0

12637 CHIRK Site No: 12637002 Location Site 2, Old Black Park Rd, Chirk - att to I/c 11
 Tue 10-Jan-17 to Mon 16-Jan-17 Channel: Westbound

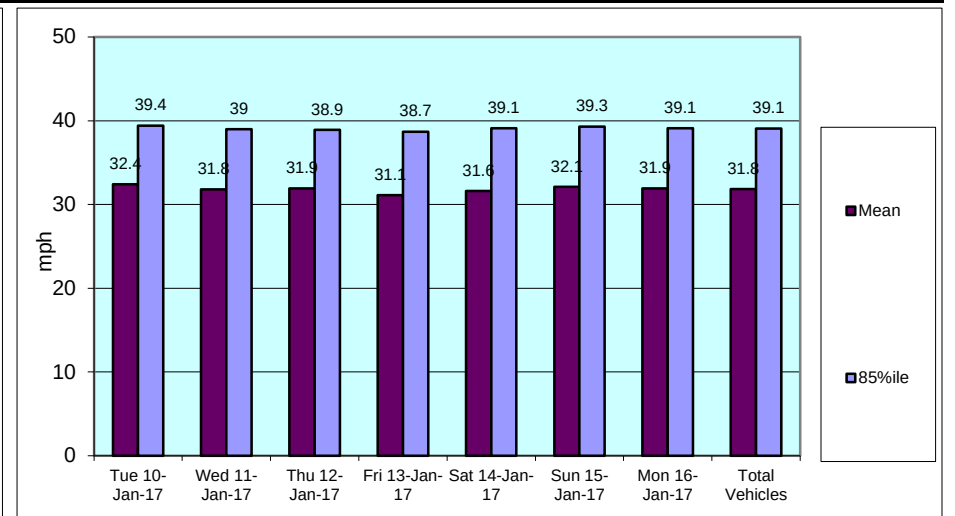
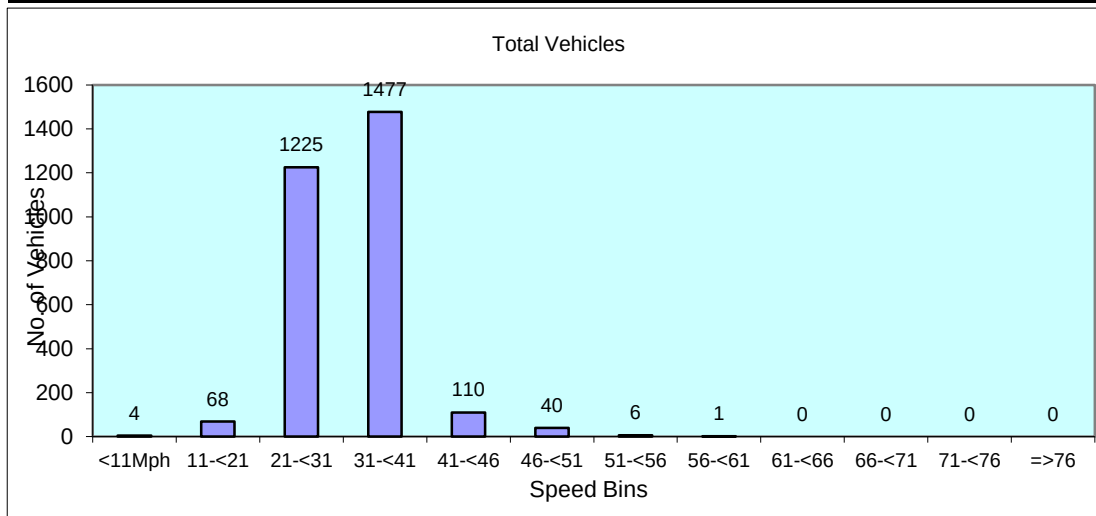
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	71-<76	=>76
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Daily Totals

Tue 10-Jan-17	390	39.4	32.4	6.8	1	6	150	207	21	4	1	0	0	0	0	0
Wed 11-Jan-17	407	39	31.8	6.9	1	10	167	210	10	9	0	0	0	0	0	0
Thu 12-Jan-17	435	38.9	31.9	6.5	0	7	181	229	13	5	0	0	0	0	0	0
Fri 13-Jan-17	445	38.7	31.1	6.9	1	12	207	206	13	5	1	0	0	0	0	0
Sat 14-Jan-17	473	39.1	31.6	6.9	0	10	215	218	22	7	1	0	0	0	0	0
Sun 15-Jan-17	407	39.3	32.1	7.2	1	11	159	209	16	9	2	0	0	0	0	0
Mon 16-Jan-17	374	39.1	31.9	6.9	0	12	146	198	15	1	1	1	0	0	0	0

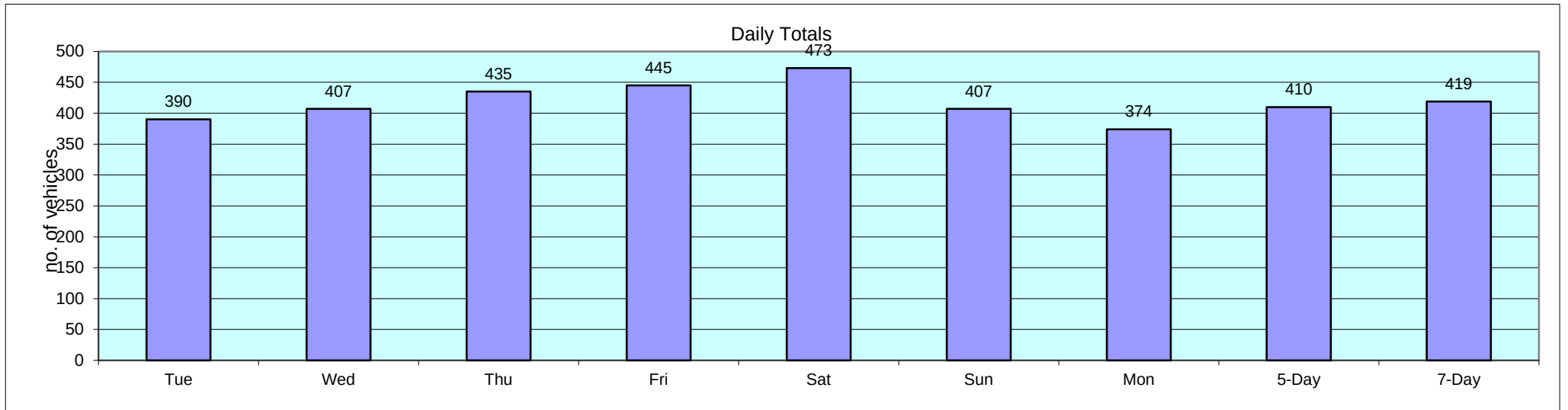
Total Vehicles

[--]	2931	39.1	31.8	6.9	4	68	1225	1477	110	40	6	1	0	0	0	0
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12637	CHIRK	Site No: 12637002		Location		Site 2, Old Black Park Rd, Chirk - att to I/c 11			
Channel: Westbound									
	Tue	Wed	Thu	Fri	Sat	Sun	Mon	5-Day	7-Day
TIME PERIOD	10/01/17	11/01/17	12/01/17	13/01/17	14/01/17	15/01/17	16/01/17	Av	Av
Week Begin: 10-Jan-17									
00:00	4	4	1	2	8	9	5	3	5
01:00	2	0	7	1	4	2	1	2	2
02:00	2	2	2	1	1	3	0	1	2
03:00	0	1	0	6	0	1	0	1	1
04:00	1	1	2	0	1	4	1	1	1
05:00	1	1	0	3	2	0	2	1	1
06:00	5	6	5	10	2	9	6	6	6
07:00	19	21	14	13	7	9	9	15	13
08:00	23	28	22	15	17	17	24	22	21
09:00	15	19	22	26	20	30	14	19	21
10:00	23	24	26	23	28	28	27	25	26
11:00	13	19	14	18	17	25	31	19	20
12:00	37	23	34	28	43	24	23	29	30
13:00	30	34	34	45	35	46	28	34	36
14:00	25	26	34	33	53	37	28	29	34
15:00	24	27	24	35	30	32	25	27	28
16:00	25	38	54	39	42	29	34	38	37
17:00	29	34	26	43	35	29	17	30	30
18:00	44	40	30	33	45	25	27	35	35
19:00	23	21	33	27	26	12	23	25	24
20:00	9	14	18	13	20	17	14	14	15
21:00	10	12	16	10	10	10	15	13	12
22:00	20	8	12	13	14	3	12	13	12
23:00	6	4	5	8	13	6	8	6	7
12H,7-19	307	333	334	351	372	331	287	322	331
16H,6-22	354	386	406	411	430	379	345	380	387
18H,6-24	380	398	423	432	457	388	365	400	406
24H,0-24	390	407	435	445	473	407	374	410	419
Am	10:00	08:00	10:00	09:00	10:00	09:00	11:00	-	-
Peak	23	28	26	26	28	30	31	27	27
Pm	18:00	18:00	16:00	13:00	14:00	13:00	16:00	-	-
Peak	44	40	54	45	53	46	34	43	45

	Tue	Wed	Thu	Fri	Sat	Sun	Mon	5-Day	7-Day
TIME PERIOD	10/01/17	11/01/17	12/01/17	13/01/17	14/01/17	15/01/17	16/01/17	Av	Av



Classification Schemes

Scheme F Classification Scheme (Non-metric)

Scheme F is an attempt to implement the FWHA's visual classification scheme as an axle-based classification scheme. This is one of several interpretations.

Class	Vehicle Type	No. of Axles	Axle spacing in feet			
			Axle 1 to 2	Axle 2 to 3	Axle 3 to 4	Axle 4 to 5
1	motorcycle	2	<6.0			
2	passenger car	2	6.0 - 10.0			
	car + 1 axle trailer	3	<10.0	10.0 - 18.0		
	car + 2 axle trailer	4	<10.0		<3.5	
3	pickup	2	10.0 - 15.0			
	pickup + 1 axle trailer	3	10.0 - 15.0	10.0 - 18.0		
	pickup + 2 axle trailer	4	10.0 - 15.0		<3.5	
	pickup + 3 axle trailer	5	9.9 - 15.0			<3.5
4	Traditional bus/coach	2	>20.0			
	Traditional bus/coach	3	>19.0			
5	single unit truck/bus - dual rear axle	2	14.9 - 20.0			<3.5
6	3 axle truck	3		<18.0		
7	4 axle truck	4				
8	2S1	3		>18.0		
	2S2	4		>5.0	>3.5	
	3S1	4		<5.0	>10.0	
9	3S2	5		<6.1		3.5 - 8.0
	5 axle combination	5				
10	6 axle combination	6			3.5 - 5.0	
	3S3	6				
11	2S1-2	5		>6.0		
12	3S1-2	6				
13	truck	7 or more				

ification

Axle 5 to 6
>10.0





Trevor Mennell

From: Peter Douthwaite [Peter.Douthwaite@wrexham.gov.uk]
Sent: 16 February 2017 16:01
To: Jeremy Hurlstone
Cc: Trevor Mennell
Subject: FW: Halton, Chirk

Jeremy

Thank you for your e mail.

You have provided the results of a new speed survey with counters correctly located towards the limits of the visibility envelope. I concur with your view that when taking into account a reasonable weather reduction, the approach speeds from both directions are lower than those previously obtained at the questionable survey point. Given that the speed survey now demonstrates vehicular speeds below 40mph I accept that MfS parameters are applicable.

I can confirm therefore visibility at the proposed access point is acceptable and will willingly be party to a Statement of Common Ground.

I should point out however that these are my professional views as a Highways Officer and they may not be representative of the Planning department or indeed the Local members

Regards
Pete

From: Jeremy Hurlstone [<mailto:jeremy@hurlstones.com>]
Sent: 08 February 2017 16:01
To: Peter Douthwaite
Cc: 'Trevor Mennell'
Subject: Halton, Chirk
Importance: High

Dear Peter,

I trust you are well?

Further to your e-mail of 12 December 2016, Axiom Traffic has installed 2 No. Automatic Traffic Counters on Old Black Park Road; one to the west (Site 1) and one to the east (Site 2) of the potential access positions, as requested. The ATCs recorded volumes and speeds over a 7 day period between Tuesday 10th and Monday 16th January 2017. The results were sent to me yesterday. The results are attached for your information.

The recorded 85th percentile for eastbound traffic from the western counter (Site 1) was 38.1 mph, whilst the westbound speed from the eastern counter (Site 2) was 39.1 mph. These speeds are uncorrected for weather conditions. I understand that the weather was predominantly dry during the survey period and therefore a 2.5 mph reduction would be appropriate in accordance with TA22/81 "Vehicle Speed Measurement on All Purpose Roads. However, there were some periods of rain/showers during the survey period and therefore I consider the application of the full 2.5 mph deduction is likely to result in an under-estimate of the actual 85th percentile wet weather speeds required. Notwithstanding this, even without any correction, the speeds fall below the 40 mph threshold above which MfS2 advises the application of DMRB parameters, as outlined in my previous letter dated 18 October 2016.

Making no allowance for weather conditions (i.e. using 38.1 mph eastbound and 39.1 mph westbound, the required visibility splay lengths based on the observed speeds are calculated to be 67.4m based on large vehicles and 60.8m based on light vehicle requirements to the west (right when emerging from the access). The comparable distances to the east (left when emerging from the access) are 70.2m based on large vehicles and 63.3m based on light vehicle requirements.

These distances may be compared with those achievable at the existing field gateway of 80m to the right and 92m to the left. It is therefore apparent that the achievable distances are 18.6% and 31% greater to the west and east than is

required for safe stopping based on large vehicle parameters. When considered in the context of light vehicles, as is considered appropriate based upon the 5% threshold of large vehicles identified in MfS2, the margin above the required safe stopping distances increase to 31.5% to the west and 45.3% to the east.

As you will note, the observed speeds based on the new surveys without any weather correction being applied are 3.9 mph lower than the wet-weather eastbound speed recorded near the works access (42 mph) and 0.1 mph higher than the previously recorded wet-weather westbound speed (39 mph). When taking into account a reasonable weather reduction, it is apparent that the approach speeds from both directions are lower than previously obtained at the questionable survey point.

I trust this additional information is sufficient to allow you to confirm that the visibility provision of approximately 2.4m x 90m to the west and 2.4m x 85m to the east you confirmed in your consultation response for the previously proposed access position under application P/2015/0225, and that achievable at the existing gateway of 2.4m x 80m to the west and 2.4m x 92m to the east at the existing gateway I reported in the aforementioned letter would be acceptable when taking into account the guidance contained in MfS2, which significantly post-dates TAN 18 and includes the findings of more recent research into highway safety.

You may be aware that an appeal (ref: APP/H6955/A/17/3166718) has been submitted against the refusal of planning application P/2015/0225, for which the only reason for refusal has now been addressed by the new surveys which were carried out at your request. I hope that this new information will allow us to agree the visibility at that access point is acceptable, and thereby allow us to confirm the same to the Inspectorate by way of a simple Statement of Common Ground, to which the results may be appended. Obviously to avoid unnecessary costs and time on both sides, this information should be passed to the Planning Inspectorate without delay.

It may be that a new application is to be submitted relating to the alternative scheme, which utilises the improvement of the existing field gateway to serve the site, which I understand could be dealt with by Delegated Powers. Either way, it appears that the sub-standard visibility alleged in the reason for refusal given in the decision notice for application P2015/0225 has been overcome as a result of the new information and that the achievable visibility at the existing access as set out above would also be acceptable.

I would be grateful if you could confirm your agreement that in either case satisfactory visibility is achievable and may therefore be subject to a reasonable and deliverable planning condition requiring the provision and maintenance of the relevant visibility splays in perpetuity for the life/use of the development. Such an agreement should make it possible to put before the Inspector a simple Statement of Common Ground, which will hopefully avoid the need for further evidence, given the single reason for refusal.

I trust the foregoing and attached are acceptable and look forward to hearing from you as soon as possible. However, should you have any queries, please do not hesitate to contact me on 01743 884849 or 07875 399325.

Kind regards

Jeremy Hurlstone
The Hurlstone Partnership Limited
Tel: 01743 884849 or [REDACTED]

Rydym yn croesawu gohebiaeth yn Gymraeg. Byddwn yn ymateb i unrhyw ohebiaeth yn Gymraeg ac ni fydd hyn yn arwain at unrhyw oedi.

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We welcome correspondence in Welsh. We will respond to any correspondence in Welsh and this will not lead to any delay.

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