

SK TRANSPORT PLANNING



TECHNICAL NOTE

Date: 22nd August 2018

Project: Penrhos Farm, Penrhos, Llansanffraid-Ym-Mechain, Powys

Title: COU of Agricultural Building to B1/B8 Use - Traffic and Transport Matters

1. Introduction

1.1 This Technical Note (TN) has been prepared in response to the Powys County Council's delegated decision relating to planning application P/2018/0326. This technical response relates to a full planning application for the Change of Use (COU) of an agricultural building to B1/B8 use, as well as the erection of gates and associated works.

- 1.2 The Council has refused the planning application on the following grounds:
 - the proposed development fails to demonstrate that there would not be an unacceptable impact on highway safety contrary to policies DM13 and T1 of the Powys Local Development Plan (2018) and Planning Policy Wales (Edition 9, 2016)
 - insufficient information has been submitted with the application to demonstrate that there
 would not be an unacceptable impact on the amenity of the area contrary to Policy DM7
 and DM13 of the Powys Local Development Plan (2018) and Planning Policy Wales
 (Edition 9, 2016)
- 1.3 The Council's delegated planning decision is provided in **appendix a**. The decision also summarises the responses from statutory consultees. The traffic and transport comments included:
 - there was a lack of technical information submitted with the planning application to demonstrate the efficient flow of traffic and the management of any impact on the local rural network
 - the development would be unsustainable in this location due to poor links with the transport network
 - the implemented gate to the site is not set back sufficiently to allow larger vehicles to wait clear of the adjacent highway, and the implemented fencing blocks visibility splays from the access onto the highway network
 - the application was unclear on the comparison of existing and proposed FTE staff on the site
 - the application provided no information on an HGV routing plan to/from the site
 - the planning application as presented did not offer any improvements to the access width, gate setback, access visibility splays, the junction of the C2034/2035 and/or any suitably sized passing bays or widening of the C2035
- 1.4 This TN provides a concise summary and response to the traffic and transport matters raised in the Council's planning decision. A site visit was also undertaken on the 6th July 2018.
- 1.5 This review confirms that the proposed use on the site is not materially different (in traffic and transport terms) to the historic dairy farm use on the site. This TN also highlights that there is a need for the Council and statutory consultees to positively consider an alternative use for the site that ensures a long-term viable scheme can be maintained.
- 1.6 Based on the information contained in this TN the impact of the B1/B8 use on the site is shown not to be materially different to the historic dairy farm use, and that the impact of the development proposals will not be "significant" or "material", the test taken from Planning Policy Wales Technical Advice Note 18: Transport.



2. Technical Appraisal

- 2.1 Whilst it is accepted that more detailed traffic and transport technical information could have been submitted with the planning application, the fundamental matter regarding the development proposals is that the proposed B1/B8 development is located on the site of a former dairy farm. This use would have generated a range of private car and HGV traffic movements. The site is not a greenfield site, and as such has been a historic traffic generator.
- 2.2 The test therefore for the Local Authority to consider is whether (a) there is a material and harmful increase in the type and volume of traffic over the historic use and if so (b) if that increase can be classed as having a material or significant impact on the surrounding highway network.
- 2.3 To consider any differences in traffic flow and potential impact between the historic dairy farm and proposed B1/B8 use an appraisal of the vehicle trip generation from the two uses has been prepared by the applicant. This summary is provided in **appendix b**.
- 2.4 Considering the vehicle movements associated with the historic dairy farm first the summary in **appendix b** confirms that this use generated a milk tanker HGV delivery each day of the calendar year, along with weekly sileage deliveries by tractor and trailer, and also weekly straw lorry deliveries. Private car vehicle movements were generated by a staff member travelling to and from the site each weekday, along with weekly veterinary visits, foot trimmer and agricultural consultants. In total the historic dairy farm use generated an estimated 827 vehicles to and from the site each calendar year.
- 2.5 The summary also provides a review of the vehicle movements associated with the proposed B1/B8 use on the site. The summary confirms that the proposed use generates two HGV deliveries each week, and then an average of two additional HGV courier vehicle visits each week.
- 2.6 The proposed development will also support the existing courier van vehicle movements on the adjacent highway network through the additional dispatch of goods from the site. As the courier vehicle is already on the network this is essentially a "pass-by" trip to Penrhos Farm, and should not be considered to be a new trip on the highway network. The summary provided in **appendix b** confirms that the proposed B1/B8 use will generate 990 vehicles to and from the site each year.
- 2.7 This review confirms the proposed use will generate an additional 163 vehicles visiting the site each calendar year. The table in **appendix b** confirms that this increase in vehicle movements to and from the site is directly related to staff trips to and from the site. The summary confirms that the site generates an average of 2.26 vehicle to and from the site each day over the calendar year, compared to the proposed use generating an average of 2.71 vehicles each day. This is not considered to be a material change in vehicle movements to and from the site.
- 2.8 It is also important to note that vehicle movements associated with the historic dairy farm would have used the same routes from the A483 trunk road via the C2034/C2035 local highway routes.
- 2.9 Whilst the Council has indicated that the C2035 in an easterly direction "has localised narrowing at a few points which prohibits the free flow of two way car traffic", with the vehicle information provided in **appendix b** confirming that the increase in traffic is not significant then it is reasonable to conclude that the route from the A483 to the site also remains appropriate to accommodate the level of traffic associated with the proposed development.
- 2.10 A review of the Crashmap website for the highway network from the A483 to Penrhos Farm has been undertaken and is provided overleaf. The review confirms that there have been no recorded collisions on the C2034/C2035 in the last five years. In addition there has been no reported conflicts between HGV traffic and any other highway users on this section of adopted highway. This confirms that the level and type of traffic using these identified routes is doing so without compromising highway safety.



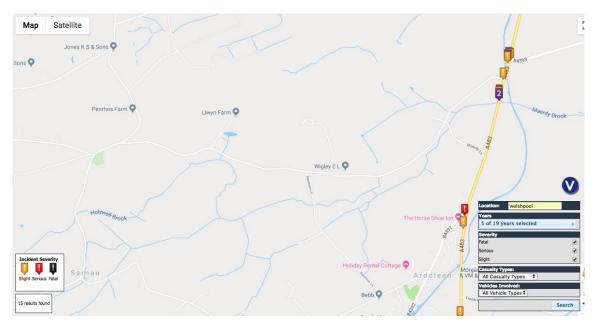


Figure 2.1: 2013 to 2017 Crashmap Data (Penrhos Farm to A483)

2.11 To understand the volume and type of traffic using these two routes seven-day Automatic Traffic Counts (ATCs) were placed on both routes between the 13th and 19th July 2018. The full survey data is provided in **appendix c**, and a summary of the directional flow data is provided in **tables** 2.1 and 2.2 below.

	Fri 13 th July	Sat 14 th July	Sun 15 th July	Mon 16 th July	Tues 17 th July	Weds 18 th July	Fri 19 th July	Weekday Ave	Seven Day Ave
Westbound	302	234	181	284	270	265	311	286	284
Eastbound	289	217	182	289	278	250	303	282	258
Total	591	451	363	573	548	515	614	568	542

Table 2.1: C2035 Route from A483

- 2.12 **Table 2.1** confirms that the C2035 accommodates a weekday and seven-day average of over 550 vehicles in each 24-hour period, demonstrating that this route is not a lightly trafficked street. This traffic is associated with residential properties, existing businesses and farming activities in the area. The very limited increase in staff-related traffic movements from the proposed development will have no material impact on traffic flow, congestion, delay or highway safety on this route.
- 2.13 An assessment has also been made of the existing traffic volumes on the C2034 from the C2035 to the south to Penrhos Farm. A summary of the traffic flows is provided in **table 2.2**.

	Fri 13 th July	Sat 14 th July	Sun 15 th July	Mon 16 th July	Tues 17 th July	Weds 18 th July	Fri 19 th July	Weekday Ave	Seven Day Ave
Northbound	156	113	117	150	145	165	176	158	146
Southbound	154	117	117	153	148	157	182	159	147
Total	310	230	234	303	293	322	358	317	293

Table 2.2: C2034 Route from C2035



- 2.14 As with the traffic flow data for the C2035 **table 2.2** confirms that the C2034 accommodates a weekday average of 317 vehicles, and a seven-day average of 293 vehicles. Whilst both these ATCs will include traffic already associated with the proposed use in both surveys demonstrate that these routes accommodate in excess of 300 vehicles each day during the week. With these routes already accommodating this level of traffic without implications on highway safety (as demonstrated through the Crashmap review), congestion or delay.
- 2.15 The volume of traffic already using both these routes is partly due to the number of local businesses that already use these corridors to access their sites. As an example a review of local businesses that hold HGV Vehicle Operator Licences (VOLs) has been undertaken. A summary of local businesses is provided in **table 2.3**, and shown on plan in **appendix d**.

Plan Reference	Name	Address	No. of authorised vehicles	No. of authorised trailers
1	Malcolm Evans Transport (J S Evans & Son)	Deytheur Yard, SY22 6QG	15	11
2	DH Peate	Bankside House, SY22 6QE	2	-
3	MP Paver HIre	Tan House Barn, SY22 6QF	3	1
4	Rikki Lloyd	Ivy Cottage, SY22 6QL	1	-
5	Stedman E Sot Ltd.	Llanymynech, SY22 6PX	1	-
6	R & EJ Bowker	Rhysnant Farm, SY22 6PH	3	2
7	DG Mills	Gelli Farm, SY22 6SZ	6	6
8	Wynstay Group Plc	Eagle House, SY22 6AQ	36	23
9	P Williams Haulage	Glascoed Yard, SY22 6TZ	1	-
10	Vyrnwy Scaffolding Ltd.	Dolwen, SY22 6AZ	1	-
11	M Wiliams & A Newby	Pontyperson, SY22 6RA	1	-
12	Mike Pryce Machinery	Greenfields Farm, SY22 6RF	3	1
13	Four Crosses Nursery Ltd	Elms Field,Domgay Lane, SY22 6SL	6	4
14	I D Dwyer	Pen-y-maes yard, SY22 6SE	7	-
15	RW Motors	Pen-y-maes yard, SY22 6BN	1	-
16	R J Pain Transport Ltd.	Ash Brook, SY22 6RS	2	1
17	Powys & Marches Stone Supplies Ltd.	Old Station Yard, SY22 6RG	3	2
18	Dawson Structural Engineering Co. Ltd.	Lynchford Works, SY22 6ST	1	-
19	G-Force Steam Ltd.	The Courtyard, SY22 6SL	2	2
20	Enfield Recovery Services	Unit A, Lynchford Works, SY22 6RB	4	1
21	J D Roberts & Partners	Vons View, SY22 6QW	1	-
22	Martin Evans Contracting Ltd.	Carnbwll, SY22 6SN	1	1
23	Dave Tomley Commercial Sales Ltd.	Unit 4, Four Crosses Business Park, SY22 6ST	4	1
24	Lloyd Fraser Primary Logistics Ltd.	Four Crosses, SY22 6RH	25	20
n/a	John Wynn Gittins & Partners	Ystum Colwyn, SY22 6XT	2	1
n/a	Direct Deliveries Transport Ltd.	Chirbury, SY15 6BG	6	4
n/a	G.H. Breese (Tarmacadam) Ltd.	Voel, Pontrobert, SY22 6JJ	4	4
n/a	Clive Davies Haulage Ltd	Wren Cottage, SY22 6XG	5	10

 Table 2.3: VOL Review in Proximity of Penrhos Farm



- 2.16 The VOL review confirms that the use of the C2034 and C2035 corridors have already been accepted by the local authority as routes that can safely accommodate HGV traffic to and from the A483. In particular the Malcolm Evans site (number 1 in **table 2.3**) is located immediately to the north of the Penrhos Farm site and uses both the C2034 and C2035 to access their site. This is a historic VOL site, and the Council will have reviewed the issuing of licences on a regular basis to the operator. This VOL review will have considered the suitability of these routes to the A483.
- 2.17 It is reasonable and consistent to conclude that if the Council deem both the C2034 and C2035 routes as suitable to accommodate HGV traffic to the local VOL sites in the vicinity of Penrhos Farm then HGV traffic to and from the application site that historically also generated HGV movements should also be acceptable.
- 2.18 This TN has already confirmed that the HGV traffic to and from the site will not be materially different to the historic dairy farm operation, and with the HGV traffic using the same routes to/from the A483 the impacts of the B1/B8 use at Penrhos Farm will not be a material change over previously accepted traffic conditions.
- 2.19 The VOL review also demonstrates that the Council has historically accepted that these routes can accommodate HGV traffic, including the issuing of licences for 15 HGV's to be kept at the site immediately adjacent to Penrhos Farm, accessed via the C2034.
- 2.20 To conclude the review of the suitability of the adjacent highway network to accommodate HGV movements the technical evidence confirms that the Council has historically accepted the use of these routes for HGV traffic through the issuing of VOL licences. In addition the review of the Crashmap database and traffic flow data has confirmed that no PICs have been recorded on the routes from the A483 to the east of the site, and traffic flows on both corridors are of a level that could not be considered to be a material change with the inclusion of the proposed development traffic.
- 2.21 Having confirmed that these routes can appropriately accommodate HGV traffic from the proposed development HGV swept path analysis has been prepared for the C2034/C2035 junction to show that inbound/outbound HGV traffic can appropriately negotiate this junction. The swept path analysis for rigid and articulated HGVs is provided in **appendix e** for information. These drawings show the inbound and outbound turning movements can be undertaken without conflict or overrunning third party land or highway verges. This is as expected as this corridor is the route to the Malcolm Evan haulage site immediately to the north of the application site which has VOL licences for 15 vehicles and 11 trailers.
- 2.22 Turning to the Council's other main technical concern, a review of the access and gated access arrangements to the site has been undertaken. The site visit confirmed that the recently installed sliding gate to the site has been installed 9m into the site from the back edge of carriageway, and that a close boarded fence has been installed that obscures visibility in the southern (leading) traffic direction.
- 2.23 Dealing with the gate setback point first 9m is a setback distance that can appropriately accommodate all private car and transit type courier vehicles clear of the public highway without waiting on the adjacent public highway. Whilst it is accepted that the gate setback distance cannot accommodate the largest 16.5m articulated vehicle the combination of the volume of traffic using the C2034 and the limited number of larger HGV movements to and from the site each day will have a minimal impact on the free-flow of traffic on this route. In addition the limited waiting time for the site's electronic gate to open to allow inbound vehicles into the site will not prejudice highway safety on the adjacent highway network.
- 2.24 However, as part of the mitigation strategy for the site it is possible to provide an inbound HGV layover space adjacent to the gated access within the red line site boundary for the largest HGVs accessing the site. This is shown on the revised access layout drawing in **appendix f**.
- 2.25 The provision of this new HGV layover space has the added benefit of delivering an improved visibility splay in the leading (southern) traffic direction at the site access. A visibility splay of 2.4m x 43m can be delivered with the relocation of the close-boarded fence and provision of the HGV layover space. This visibility splay accords with the 85th percentile vehicle speeds recorded as



- part of the seven-day ATC presented in **appendix c**. The revised layout drawing also confirms that an appropriate visibility splay in the northerly traffic direction can also be achieved.
- 2.26 The proposed revisions shown on the GA drawing presented in **appendix f** address the concerns raised by the Council regarding the gate setback, HGV layover provision and the provision of appropriate visibility splays. If the proposed measures are deemed acceptable by the Council the applicant is content to undertake these amendments as part of their revised access provision for the site.

3. Summary and Conclusions

- 3.1 This TN has been prepared to review the Council's reasons for refusing planning application P/2018/0326 for the COU of an agricultural building to B1/B8 use, as well as the erection of gates and associated works. The Council refused the planning application on highway safety grounds and amenity impact.
- 3.2 This review has confirmed that the historic dairy farm use on the site was a generator of both private car and HGV traffic. This is a key consideration in the assessment of the impact of the proposed B1/B8 development, as the fallback position with respect to traffic and transport impact has to be the traffic generation from the dairy farm use.
- 3.3 Whilst the assessment of historic and proposed traffic movements has confirmed that the proposed B1/B8 use is predicted to generate a marginally higher number of vehicle movements to and from the site (827 vs 990 vehicles) over a calendar year, but this increase is predominantly staff private car trips. The review has confirmed that the actual number of HGV and large vehicle movements to and from the site will not materially change between the historic and proposed uses.
- 3.4 The review has also considered the existing traffic volumes on the surrounding highway network from the A483 to the east, as well as a review of the PIC data for the corridors. The review has confirmed that no PICs have been recorded on the routes to/from the A483 in the last five years, and there have been no reported collisions involving HGVs. With the routes providing access to a number of sites with VOLs the review has confirmed that the Council has previously accepted these routes as being acceptable for HGV traffic.
- 3.5 Finally the recently constructed access gate and fencing at the site access has been reviewed in terms of its suitability to accommodate traffic associated with the proposed development. The layout has been amended to include an HGV layover space clear of the publicly adopted highway, and will provide appropriate visibility splays in the leading and trailing traffic directions in line with the guidance contained in Manual for Streets. Swept path analysis has demonstrated that HGVs can access the site in a safe manner without adverse impact on the surrounding highway network.
- 3.6 Based on the findings in this TN in traffic and transport terms the proposed COU from a dairy farm operation to a B1/B8 use at the Penrhos Farm site will not have a material or significant impact on the surrounding highway network, and with the modifications to the site access able to provide an appropriate HGV layover area and visibility splays the development proposals are considered to be acceptable in traffic and transport terms.
- 3.7 As traffic and transport planning consultants to the applicant we look forward to discussing the findings of this TN with the Council at the appropriate time.

APPENDIX A



DELEGATED DECISION

Powys County Council Constitution Schedule 13 Responsibility for Functions

Application P/2018/0326 **Grid Ref:** 323875.95 316895.02

No:

Community Llandrinio Valid Date: Officer: 18/04/2018 Tamsin Law

Applicant: Mr James Owen Penrhos Farm Penrhos Llansanffraid-Ym-Mechain

Powys SY22 6QH

Location: Penrhos Farm, Penrhos, Llansanffraid-Ym-Mechain, Powys, SY22 6QH

Proposal: Full: Change of use of agricultural building to B1/B8 use, erection of gates

and all associated works

Application Application for Full Planning Permission

Type:

Site Location and Description

The application site is located within an area of open countryside within the Community of Llandrinio as defined by the Local Development Plan. The closest large village, Arddleen, is located approximately 1.5 miles to the south east of the development.

The application seeks full planning permission for the change of use of an agricultural building to a B1/B8 use along with the erection of a gate and fence which have already been constructed.

The application site is accessed from the county C class highway C2034. To the north of the site is an existing haulage business and associated buildings, to the east the adjoining highway and to the south associated farm buildings and agricultural land. To the west of the site was an existing agricultural building which has since been demolished and a large building has been constructed.

Consultee Response

Llandrinio CC

Further to the letter dated the 28th April and in consideration of the Local Development Plan now being adopted the Community Council would like to add the following additional reasons to their OBJECTION.

1. Contrary to Policy E2 - Employment on non allocated sites

The Local Development Plan allocates land for employment uses on a variety of sites. Employment proposals on non-allocated sites will only be allowed if there is no other suitable existing or allocated sites to accommodate the proposal. This application is contrary to this Policy as there are existing units, both for rent and for sale, on Industrial Estates such as the Hafren Industrial Estate in Newtown. There has been no business case submitted to explain why none of the Industrial Estates in the area are considered suitable.

2. Contrary to Policy E6 – Farm diversification

The intensity of the use is not addressed in the application and therefore cannot be justified as Farm diversification.

3. Contrary to Policy T1 – Traffic & Highways

No information has been submitted that would enable an assessment of the nature of use proposed under this application and no information has been supplied to provide evidence as to the efficient flow of traffic and the management of this impact on the local rural network. Any proposed business would be unsustainable at this location due to poor links with the transport network.

4. Class of Use

The application is unclear whether the use is B1 or B8 and also unclear as to how much of the building will be used. The site area is shown as 0.15m2 which is clearly incorrect. Without a statement from the applicant as to the nature of the business which it is intended to operate it is impossible to assess the implications of the proposed change of use

5. Well-being of Future Generations (Wales) Act 2015

This Act places an obligation on Local Authorities to meet the objectives of the Act which includes making Wales a cohesive, attractive, viable, safe and well connected community. The Act highlights the need to locate development so as to minimize the demand for travel and to safeguard existing rural areas. No information has been submitted with the application as to waste storage, waste disposal, foul drainage or surface water drainage which are all important considerations.

The Community Council may wish to add further comments as more advice is currently being sought and would request the right to speak at the Planning Committee meeting.

Powys Highways

The County Council as Highway Authority for the County Class III Highway, C2034

Wish the following recommendations/Observations be applied Recommendations/Observations

This application should be refused.

Reasons for Refusal

The submitted application is completely devoid of any highway access details, as such the Highway authority are unable to determine if a safe means of access can be achieved. The operation of the proposed gates (already erected) are not setback sufficiently to allow larger vehicles to be clear of the highway. Furthermore, the fence line across either side of the access prohibit the required visibility splays from being achieved under Manual for Streets and the access width is insufficient to allow two HGV's to pass.

It is noted that the application form states that no new/altered vehicular access is proposed, however, it is further noted that works to the access have already been undertaken by means of removing the hedge/fence on either side of the access, erection of a close boarded fence and erection of gates.

No proposed movement data has been submitted for consideration, nor has any parking proposal in accordance with CSS Wales Parking Standards.

The application states that there are currently seven full time equivalent employees (FTE) at the small holding, and this is to be increased to ten. However, in the absence of any evidence of the job roles for seven FTE's working on such a small parcel of land being around six acres, it has to be assumed that this figure is incorrect.

No routing plan has been submitted for consideration, therefore the Highway Authority are unable to determine if the proposed route[s] are suitable for the likely vehicle types. The junction of the C2034/2035 has extremely substandard visibility to the east, a poor alignment and the radius to the east is less than 3m, making this junction unsuitable for any increase of movements of larger vehicles to the east, which leads to the Trunk Road. Furthermore, the C2035 in an easterly direction has localised narrowing at a few points which prohibits the free flow of two way car traffic. The proposed development site is located around 3km from the A483 Trunk Road, and much of the length of the C2035 is too narrow to allow the free flow of two way HGV traffic and there are no formal passing bays to accommodate such vehicles.

It is noted that the applicant has not offered any improvements to the access width, gate setback, access visibility splays, the junction of the C2034/2035 and/or any suitably sized passing bays or widening of the C2035.

Powys Building Control

Building Regulations application required.

Wales and West Utilities

No response received by Devleopment Managemnt at the time of writing this report.

Severn Trent

Thank you for the opportunity to comment on this planning application. Please find our response noted below:

With Reference to the above planning application the company's observations regarding sewerage are as follows:

As the proposal has minimal impact on the public sewerage system I can advise we have no objections to the proposals and do not require a drainage condition to be applied.

To help us provide an efficient response please could you send all responses to welshplanning@severntrent.co.uk rather than to named individuals, including the STW ref within the email/subject.

Clir Lucy Roberts

1st Response Received

I would like to call this in to committee please due to concerns about access to the site and highway issues.

I would like to point out that the drawings do not give a true representation of the site as they do not show the new building that has recently been erected there. I would also like to point out that changes to the entrance off the highway, fences and gates have already been made. I would also like to request that the committee make a site visit.

2nd Response Received

Following our telephone conversation yesterday I would like to confirm that I am happy for you to determine this application as a refusal without it needing to go to the planning committee. However, if your recommendation is to approve this application then I would ask that it goes to committee please.

Powys Environmental Health

Re: Change of use of agricultural building to B1/B8 use, erection of gates and all associated works.

Noise & artificial light

In order to be able to determine whether the development will have a detrimental impact on amenity, please can the applicant/agent provide the following information with relation to the potential for noise and artificial light disturbance:

- The proposed operating hours of the building;
- The proposed collection/delivery times to and from the building;
- Details of any other noise-emitting activities or plant associated with the development;
- Details of the lighting scheme (including intended hours of operation)?

Without this further information I must object to the application at this time on the basis of insufficient information.

Public Response

The application has been advertised through the erection of a site notice. 28 individuals have objected to the proposed development and 10 individuals have written in support of the application and are summarised below;

Objections

- Impact on highway safety
- Potential detrimental impact on residential amenity
- Potential for future growth in an unsustainable location
- Noise and light pollution
- Type of development is out of character with the area
- Inconsistencies within the application
- Potential environmental effect
- · Gates and fence are visually dominant

Support

- Could be a less intrusive use than agriculture as will be controlled to specific times
- Produce less noise and pollution
- Additional employment opportunities
- Low environmental impact
- Support a local business in their expansion

Planning History

No relevant planning history

Principal Planning Constraints

No relevant planning constraints

Principal Planning Policies

National Policies

Planning Policy Wales (Edition 9, November 2016)

Technical Advice Note (TAN) 1: Joint Housing Land Availability Studies (2015)

TAN 2: Planning and Affordable Housing (2006)

TAN 4: Retail and Commercial Development (2016)

TAN 5: Nature Conservation and Planning (2009)

TAN 6: Planning for Sustainable Rural Communities (2010)

TAN 12: Design (2016)

TAN 18: Transport (2007)

TAN 20: Planning and the Welsh Language (2017)

TAN 23: Economic Development (2014)

TAN 24: The Historic Environment (2017)

Use Classes Order 1987

Local Planning Policies

Local Development Plan (2018)

SP2 – Employment Growth

SP7 – Safeguarding of Strategic Resources and Assets

DM2 - The Natural Environment

DM7 - Dark Skies and External Lighting

DM4 – Landscape

DM10 - Contaminated and Unstable Land

DM13 - Design and Resources

E2 - Employment Proposals on Non-allocated Employment Sites

RDG=Powys Residential Design Guide NAW=National Assembly for Wales TAN= Technical Advice Note LDP=Powys Local Development Plan, MIPPS=Ministerial Interim Planning Policy Statement

Other Legislative Considerations

Crime and Disorder Act 1998

Equality Act 2010

Planning (Wales) Act 2015 (Welsh language)

Wellbeing of Future Generations (Wales) Act 2015

Officer Appraisal

Principle of Development

In encouraging the re-use of buildings in the countryside, the Council and Welsh Government recognises that there are sustainable arguments both for and against such developments. On the positive side, conversions can breathe new economic and social life into rural communities, and they re-use existing buildings and building materials which reduces the need to construct on greenfield sites and for processing new construction materials. However, on the down-side, conversions can create a dispersed pattern of settlement that is likely to generate new and longer trips, as existing buildings are typically remote from shops and other services.

Technical Advice Note (TAN) 23 part 3.2.1 Re-use and Adaptation of Existing Rural Buildings further emphasises this and states that a positive approach should be taken to the conversion of rural buildings for business re-use, especially those buildings located within or adjoining farm building complexes on the basis of the following:

- They are suitable for the specific use;
- Conversion does not lead to dispersal of activity on such scale as to prejudice town and village vitality;
- Their form, bulk and general design are in keeping with their surroundings;
- Imposing conditions on a planning permission overcomes any planning objections which would otherwise outweigh the advantage of re-use;
- If the buildings are in the open countryside, they are capable of conversion without major or complete reconstruction;
- Conversion does not result in unacceptable impacts upon the structure, form, character or setting where the building is of historic and / or architectural interest.

In this instance the proposed development seeks consent in full for the conversion of an agricultural building that has ceased its use to be converted for a B1/B8 (Business and Storage and Distribution). Therefore in line with TAN 23 part 3.2.2 the proposed

development is in compliance subject to it being assessed on its impact upon the fabric and character of historic buildings. The building to be converted is a relatively modern agricultural building that offers little in terms of historic character to the area. No alterations are offered as part of the development, as such it is considered that there would not be in impact on the character of the building to be converted.

It is therefore considered that the principle of development fundamentally complies with both national and local planning policy.

Design, Character and Appearance

Policy DM13 and DM4 of the Powys Local Development Plan indicates that development proposals will only be permitted where the scheme complements and wherever possible enhances the character and appearance of existing buildings and the surrounding area.

The existing building is a relatively modern agricultural building comprising of concrete walls with timber boarded walls and a corrugated roof.

The proposed conversion utilises the existing footprint of the building. No external alterations are proposed as part of the change of use.

It is considered that the proposed conversion scheme fundamentally retains the rural character and appearance of the application buildings and thus assimilates within the immediate context and surrounding landscape. In light of the above observations, it is considered that the proposed development is in accordance with relevant planning policies, particularly Powys Local Development Plan policies DM4 and DM13.

Highway Safety

Policy T1 requires that development proposals should follow the principal requirement that a safe and efficient flow of all transport users is available. Policy DM13 part 11 states that development proposals should meet all highway access requirements (for transport users) and parking standards.

Powys County Council Highways Authority has been consulted on the proposed development and have raised significant concerns regarding the proposed development. In their response they state that no detail regarding the highway access has been submitted as such they are unable to determine if a safe means of access can be achieved. The access gate and fence have already been constructed and are not sufficiently set back to allow larger vehicles to be clear of the highway when entering the site and the constructed fence prohibits the required visibility from being achieved.

It is noted that no vehicular movement data has been submitted not has parking in accordance with the CSS Wales Parking Standards been demonstrated.

In addition to the concerns raised regarding the site access, visibility and parking, the Highways Authority also raise concerns regarding the access to the site. No information regarding the routing of vehicles has been submitted and the junction to the C2034/C2035 is extremely substandard with poor visibility and alignment making the junction unsuitable for any increase in movements of larger vehicles. Highways also comment that the C2035

is too narrow to allow the free flow of two way HGV traffic and there are no formal passing bays to accommodate such vehicles.

As such the Highways Authority recommends refusal of the application.

In light of the above it is considered that the application has failed to demonstrate a safe means of access and the development is considered to be unsuitable for the local highway network to the detriment of highway safety and contrary to policies T1 and DM13 of the Powys Local Development Plan.

Impact on the Setting of Listed Building

Policies SP7 considers listed buildings as being a strategic asset in the County. DM13 parts 4 and 5 state that development proposals should be designed to incorporate/enhance any historic assets of special local interest. This is further emphasised within Planning Policy Wales (Chapter 6 – The Historic Environment) and Technical Advice Note 24 – The Historic Environment where it explains that the conservation of archaeological remains is a material consideration.

A Grade II Listed Church is located to the south of the application site. However no alterations are proposed to the external appearance of the building and is therefore considered not to have an impact on the listed building.

In light of the above the proposed development it is considered that the proposed development fundamentally complies with policy DM13 parts 4 and 5 of the Powys Local Development Plan 2018.

Environmental Health

Policy DM13 part 11 requires that the amenities enjoyed by occupants or users of nearby or proposed properties shall not be unacceptably affected by levels of noise, dust, air, pollution, litter, odour and hours of operation.

Policy DM7 also requires that unacceptable levels of light pollution in the countryside is strictly controlled to ensure that there are no impacts on amenity, visibility of the night sky and protected species.

Powys County Council's Environmental Health Officer has been consulted on the proposed development in relation to its potential impact on neighbouring properties.

Following consultation the Environmental Health Officer stated that insufficient information had been submitted to determine whether the proposed development would have a detrimental impact on the amenity of the area with regards to noise and artificial lighting. As information regarding the house of operation, the collection and delivery times, details of noise emitting activity and details of lighting had not been included Environmental Health could not determine whether there would be a detrimental impact and as such objected to the proposed development.

As such due to the insufficient information it is considered that the application has failed to demonstrate compliance with the relevant planning policy and is contrary to DM7 and DM13.

DECISION

In light of the above the application is therefore recommended for refusal subject to the reasons outline below;

Reasons

- 1. The proposed development fails to demonstrate that there would not be an unacceptable impact on highway safety contrary to policies DM13 and T1 of the Powys Local Development Plan (2018) and Planning Policy Wales (Edition 9, 2016).
- 2. Insufficient information has been submitted with the application to demonstrate that there would not be an unacceptable impact on the amenity of the area contrary to policy DM7 and DM13 of the Powys Local Development Plan (2018) and Planning Policy Wales (Edition 9, 2016).

Signed: Tamsin Law Principal Planning Officer	Date:
Signed: Principal Planning Officer/Interim Planning Solicitor	Date:

APPENDIX B

NB: All movements below are based or	n vehicles coming to the farm and leaving the	farm. WORST CASE SCENARIO. ALL F	IGURES ARE BASED UPON CURRENT MOVEMENT A	T EXISTING SITE	
TOTAL Vehicle Movements at Penrhos	Farm				
EXISTING			PROPOSED		
Description	Vehicle	No of Movements per Year	Description	Vehicle	No of Movements per Year
1 Staff	Car	260	3 Staff (1 lives on site)	Car	52
Veterinary Surgeon	Car/4 x 4	52	Stock Delivery	HGV (2 Per Week)	10
Milk Tanker	HGV Daily	365	Courier Vehicle Outbound	Van (Daily, already on the lane)	26
Straw Lorry	HGV Once Per Week	52	Courier Vehicle Outbound	HGV (Average 2 per week)	10
Sileage	Tractor & Harvest Trailer	50	Courier Vehicle Inbound (Same Vehicle)		
Consultants	Car/4 x 4	24	Equipment Mainteance (Loler Testing, 6 Monthly)	Van	
Visit by Foot Trimmer	4 x 4	24			
TOTAL		827		TOTAL	99
COMMENTS					
	<u> </u>	· ·	ouse team who live locally will share a lift to work		
<u>'</u>	lives in the farmhouse on site so will not be re	<u>'</u>			
• •	ally and it is assumed they could walk or cycle				
· · · · · · · · · · · · · · · · · · ·		efficiency can be achieved by filling the	se vehicles that would otherwise return empty to the lo	cal depot.	
5) Vehicle moments will not commence	•				
· · · · · · · · · · · · · · · · · · ·	cycle 100% of cardboard for repackaging.				
7) Noise pollution will be greatly reduced	d as all equipment is battery propelled and do	es not feature any audible sirens. Equipr	nent will be operated in closed building.		
CONCLUSIONS					
As has been previously stated by the ap	plicant, vehicle movements will marginally dif	fer in size to that of a working dairy farn	h in which it once occupied. Traffic will be much cleaner,	quieter and operate within sociable hours	
	noise pollution than that of a dairy farm, all eq		·		
The proposals increase the traffic mover	ments associated with the farm from the exist	ing 827 per annum to 990 per annum, a	total increase of 163 movements. This is directly associ	ated with 520 movements of staff to the s	ite.
This is the worst case scenario as it is ho	ped local people will apply for the jobs who ma	av he able to walk or cycle to work			

The above figures all present the worst case scenario and it is hoped that the following movements could be lowered in practice with efficiency measures in place.

APPENDIX C

LOCATION: SITE 1

Direction: SOUTHBOUND

Friday 13/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	2	0	0	0	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	0	0	0	0	0	0	0	0	1	0	0	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	0	0	0	0	0	0	2	0	0	0	0	3
7	2	0	0	0	0	0	0	0	1	0	0	0	0	3
8	4	0	0	0	0	0	0	0	0	0	0	0	0	4
9	11	2	0	0	0	0	0	0	0	0	0	0	0	13
10	10	4	0	0	2	0	0	0	0	0	0	0	0	16
11	5	2	0	0	0	0	0	0	0	0	0	0	0	7
12	8	2	0	0	0	0	0	0	1	0	0	0	0	11
13	10	0	0	0	1	0	0	0	0	0	0	0	0	11
14	9	1	0	0	0	0	0	0	0	0	0	0	0	10
15	8	3	0	0	1	0	0	0	0	0	0	0	0	12
16	6	1	0	0	1	0	0	0	0	0	0	1	0	9
17	11	3	0	0	0	0	0	0	0	0	0	0	0	14
18	6	1	0	0	0	0	0	0	0	0	0	0	0	7
19	8	2	0	0	0	0	0	0	0	0	0	0	0	10
20	3	5	0	0	0	0	0	0	0	0	0	0	0	8
21	4	0	0	0	0	0	0	0	0	0	0	0	0	4
22	2	3	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	2	1	0	0	0	0	0	0	0	0	0	0	0	3
7-19	96	21	0	0	5	0	0	0	1	0	0	1	0	124
6-22	107	29	0	0	5	0	0	0	2	0	0	1	0	144
6-24	109	30	0	0	5	0	0	0	2	0	0	1	0	147
0-24	111	32	0	0	5	0	0	0	4	0	1	1	0	154

Eridov														
Friday 13/07/2018						VEHICLE	ECLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	1	0	0	0	0	0	0	0	0	0	0	0	1
6	2	0	0	0	0	0	0	0	0	0	0	0	0	2
7	1	1	0	0	0	0	0	0	0	0	0	0	0	2
8	2	0	0	0	0	0	0	0	0	0	0	0	0	2
9	9	6	0	0	0	0	0	0	0	0	0	0	0	15
10	6	1	0	0	2	0	0	0	0	0	0	0	0	9
11	4	2	0	0	0	0	0	0	0	0	0	0	0	6
12	7	1	0	0	1	0	0	0	1	0	0	0	0	10
13	5	0	0	0	0	0	0	0	0	0	0	0	0	5
14	7	3	0	0	1	0	0	0	0	0	0	1	0	12
15	12	1	0	0	0	0	0	0	0	0	1	1	0	15
16	11	5	0	0	1	0	0	0	0	0	0	0	0	17
17	17	2	0	0	0	0	0	0	0	0	0	0	0	19
18	8	1	0	0	0	0	0	0	1	0	0	0	0	10
19	8	1	0	0	0	0	0	0	0	0	0	0	0	9
20	7	2	0	0	0	0	0	0	0	0	0	0	0	9
21	2	1	0	0	0	0	0	0	0	0	0	0	0	3
22	4	0	0	0	0	0	0	0	0	0	0	0	0	4
23	2	0	0	0	0	0	0	0	0	0	0	0	0	2
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7-19	96	23	0	0	5	0	0	0	2	0	1	2	0	129
6-22	110	27	0	0	5	0	0	0	2	0	1	2	0	147
6-24	113	27	0	0	5	0	0	0	2	0	1	2	0	150
0-24	118	28	0	0	5	0	0	0	2	0	1	2	0	156

LOCATION: SITE 1

Direction: SOUTHBOUND

Friday 13/07/2018					١	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	1	1	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	1	0	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	2	1	0	0	0	0	0	0	0	0	0	3
7	0	1	2	0	0	0	0	0	0	0	0	0	3
8	0	1	1	2	0	0	0	0	0	0	0	0	4
9	0	3	8	2	0	0	0	0	0	0	0	0	13
10	1	1	12	2	0	0	0	0	0	0	0	0	16
11	0	1	5	1	0	0	0	0	0	0	0	0	7
12	0	4	5	2	0	0	0	0	0	0	0	0	11
13	0	4	5	2	0	0	0	0	0	0	0	0	11
14	0	1	8	1	0	0	0	0	0	0	0	0	10
15	0	3	8	0	1	0	0	0	0	0	0	0	12
16	0	4	3	2	0	0	0	0	0	0	0	0	9
17	0	8	6	0	0	0	0	0	0	0	0	0	14
18	0	3	2	2	0	0	0	0	0	0	0	0	7
19	0	3	4	2	1	0	0	0	0	0	0	0	10
20	0	2	4	1	0	1	0	0	0	0	0	0	8
21	0	1	2	1	0	0	0	0	0	0	0	0	4
22	0	0	2	2	1	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	1	1	0	1	0	0	0	0	0	0	3
		•	•	•	•	•	•		•		•	•	•
7-19	1	36	67	18	2	0	0	0	0	0	0	0	124
6-22	1	40	77	22	3	1	0	0	0	0	0	0	144
6-24	1	40	78	23	3	2	0	0	0	0	0	0	147
0-24	1	43	81	24	3	2	0	0	0	0	0	0	154

Friday 13/07/2018					١	ÆHICLE SI	PEED (MPH	H)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	1	0	0	0	0	0	0	0	0	0	1
3	0	0	1	0	0	0	0	0	0	0	0	0	1
4	0	0	1	0	0	0	0	0	0	0	0	0	1
5	0	0	1	0	0	0	0	0	0	0	0	0	1
6	0	0	2	0	0	0	0	0	0	0	0	0	2
7	0	1	1	0	0	0	0	0	0	0	0	0	2
8	0	0	2	0	0	0	0	0	0	0	0	0	2
9	0	6	8	1	0	0	0	0	0	0	0	0	15
10	0	1	6	2	0	0	0	0	0	0	0	0	9
11	0	1	3	0	1	1	0	0	0	0	0	0	6
12	0	6	2	2	0	0	0	0	0	0	0	0	10
13	0	0	3	2	0	0	0	0	0	0	0	0	5
14	0	1	8	3	0	0	0	0	0	0	0	0	12
15	0	6	9	0	0	0	0	0	0	0	0	0	15
16	0	4	11	2	0	0	0	0	0	0	0	0	17
17	0	8	8	3	0	0	0	0	0	0	0	0	19
18	0	2	8	0	0	0	0	0	0	0	0	0	10
19	0	2	5	1	1	0	0	0	0	0	0	0	9
20	0	2	4	2	1	0	0	0	0	0	0	0	9
21	0	0	2	1	0	0	0	0	0	0	0	0	3
22	0	0	3	0	1	0	0	0	0	0	0	0	4
23	0	0	2	0	0	0	0	0	0	0	0	0	2
24	0	0	1	0	0	0	0	0	0	0	0	0	1
											_		
7-19	0	37	73	16	2	1	0	0	0	0	0	0	129
6-22	0	40	83	19	4	1	0	0	0	0	0	0	147
6-24	0	40	86	19	4	1	0	0	0	0	0	0	150
0-24	0	40	92	19	4	1	0	0	0	0	0	0	156

LOCATION: SITE 1

Direction: SOUTHBOUND

Saturday 14/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	1	0	0	0	0	0	0	0	0	0	0	0	2
6	2	0	0	0	0	0	0	0	0	0	0	0	0	2
7	0	1	0	0	0	0	0	0	0	0	0	0	0	1
8	5	1	0	0	0	0	0	0	0	0	0	0	0	6
9	8	0	0	0	0	0	0	0	0	0	0	0	0	8
10	12	3	0	0	1	0	0	0	0	0	0	0	0	16
11	7	2	0	0	0	0	0	0	0	0	0	0	0	9
12	14	0	0	0	0	0	0	0	0	0	0	0	0	14
13	3	1	0	0	0	0	0	0	0	0	0	0	0	4
14	8	0	0	0	0	0	0	0	0	0	0	0	0	8
15	10	1	0	0	0	0	0	0	0	0	0	0	0	11
16	4	1	0	0	0	0	0	0	0	0	0	0	0	5
17	5	2	0	0	0	0	0	0	0	0	0	0	0	7
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	7	0	0	0	0	0	0	0	0	0	0	0	0	7
20	7	1	0	0	0	0	0	0	0	0	0	0	0	8
21	4	0	0	0	0	0	0	0	0	0	0	0	0	4
22	3	1	0	0	0	0	0	0	0	0	0	0	0	4
23	1	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	83	11	0	0	1	0	0	0	0	0	0	0	0	95
6-22	97	14	0	0	1	0	0	0	0	0	0	0	0	112
6-24	98	14	0	0	1	0	0	0	0	0	0	0	0	113
0-24	101	15	0	0	1	0	0	0	0	0	0	0	0	117

Saturday 14/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1 1	2	0	0	0	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	2	0	0	0	0	0	0	0	0	0	0	0	2
8	2	1	0	0	0	0	0	0	0	0	0	0	0	3
9	9	1	0	0	0	0	0	0	0	0	0	0	0	10
10	9	3	0	0	0	0	0	0	0	0	0	0	0	12
11	7	0	0	0	0	0	0	0	0	0	0	0	0	7
12	6	2	0	0	0	0	0	0	0	0	0	0	0	8
13	7	2	0	0	0	0	0	0	0	0	0	0	0	9
14	11	0	0	0	1	0	0	0	0	0	0	0	0	12
15	9	0	0	0	0	0	0	0	0	0	0	0	0	9
16	5	1	0	0	0	0	0	0	0	0	0	0	0	6
17	8	0	0	0	0	0	0	0	0	0	0	0	0	8
18	4	1	0	0	0	0	0	0	0	0	0	0	0	5
19	5	0	0	0	0	0	0	0	0	0	0	0	0	5
20	5	1	0	0	0	0	0	0	0	0	0	0	0	6
21	3	0	0	0	0	0	0	0	0	0	0	0	0	3
22	2	1	0	0	0	0	0	0	0	0	0	0	0	3
23	1	0	0	0	0	0	0	0	0	0	0	0	0	1
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
			_	_		_	_		_	_	_		_	
7-19	82	11	0	0	1	0	0	0	0	0	0	0	0	94
6-22	92	15	0	0	1	0	0	0	0	0	0	0	0	108
6-24	94	15	0	0	1	0	0	0	0	0	0	0	0	110
0-24	96	16	0	0	1	0	0	0	0	0	0	0	0	113

LOCATION: SITE 1

Direction: SOUTHBOUND

Saturday 14/07/2018					١	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	2	0	0	0	0	0	0	0	0	0	2
6	0	0	2	0	0	0	0	0	0	0	0	0	2
7	0	0	1	0	0	0	0	0	0	0	0	0	1
8	0	2	3	1	0	0	0	0	0	0	0	0	6
9	0	1	6	1	0	0	0	0	0	0	0	0	8
10	0	8	3	4	1	0	0	0	0	0	0	0	16
11	0	1	6	2	0	0	0	0	0	0	0	0	9
12	0	1	11	2	0	0	0	0	0	0	0	0	14
13	0	1	2	0	1	0	0	0	0	0	0	0	4
14	0	2	6	0	0	0	0	0	0	0	0	0	8
15	0	0	10	1	0	0	0	0	0	0	0	0	11
16	0	1	2	2	0	0	0	0	0	0	0	0	5
17	0	1	2	2	2	0	0	0	0	0	0	0	7
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	2	3	1	1	0	0	0	0	0	0	0	7
20	0	0	4	3	1	0	0	0	0	0	0	0	8
21	0	0	4	0	0	0	0	0	0	0	0	0	4
22	0	1	3	0	0	0	0	0	0	0	0	0	4
23	0	0	0	1	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0
		•		•		•					•		•
7-19	0	20	54	16	5	0	0	0	0	0	0	0	95
6-22	0	21	66	19	6	0	0	0	0	0	0	0	112
6-24	0	21	66	20	6	0	0	0	0	0	0	0	113
0-24	0	21	70	20	6	0	0	0	0	0	0	0	117

Saturday 14/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	2	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	1	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	2	0	0	0	0	0	0	0	0	0	2
8	0	1	1	1	0	0	0	0	0	0	0	0	3
9	0	0	9	1	0	0	0	0	0	0	0	0	10
10	0	2	8	2	0	0	0	0	0	0	0	0	12
11	0	1	4	2	0	0	0	0	0	0	0	0	7
12	0	4	4	0	0	0	0	0	0	0	0	0	8
13	0	3	4	0	2	0	0	0	0	0	0	0	9
14	1	5	5	1	0	0	0	0	0	0	0	0	12
15	1	0	6	2	0	0	0	0	0	0	0	0	9
16	0	0	3	3	0	0	0	0	0	0	0	0	6
17	0	0	4	3	1	0	0	0	0	0	0	0	8
18	0	1	3	0	1	0	0	0	0	0	0	0	5
19	0	1	4	0	0	0	0	0	0	0	0	0	5
20	0	0	6	0	0	0	0	0	0	0	0	0	6
21	0	0	2	1	0	0	0	0	0	0	0	0	3
22	0	0	2	1	0	0	0	0	0	0	0	0	3
23	0	0	0	1	0	0	0	0	0	0	0	0	1
24	0	0	0	1	0	0	0	0	0	0	0	0	1
7-19	2	18	55	15	4	0	0	0	0	0	0	0	94
6-22	2	18	67	17	4	0	0	0	0	0	0	0	108
6-24	2	18	67	19	4	0	0	0	0	0	0	0	110
0-24	2	18	70	19	4	0	0	0	0	0	0	0	113

LOCATION: SITE 1

Direction: SOUTHBOUND

Sunday 15/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	0	0	0	0	0	0	1
8	2	0	0	0	0	0	0	0	0	0	0	0	0	2
9	4	1	0	0	0	0	0	0	0	0	0	0	0	5
10	4	0	0	0	0	0	0	0	0	0	0	0	0	4
11	12	0	0	0	0	0	0	0	0	0	0	0	0	12
12	11	2	0	0	0	0	0	0	0	0	0	0	0	13
13	5	0	0	0	0	0	0	0	0	0	0	0	0	5
14	11	0	0	0	0	0	0	0	0	0	0	0	0	11
15	4	1	0	0	0	0	0	0	0	0	0	0	0	5
16	9	1	0	1	0	0	0	0	0	0	0	1	0	12
17	13	3	0	0	0	0	0	0	0	0	0	0	0	16
18	10	0	0	0	0	0	0	0	0	0	0	0	0	10
19	8	0	0	0	0	0	0	0	0	0	0	0	0	8
20	1	0	0	0	0	0	0	0	1	0	0	0	0	2
21	3	0	0	0	0	0	0	0	0	0	0	0	0	3
22	2	2	0	0	0	0	0	0	0	0	0	0	0	4
23	1	0	0	0	0	0	0	0	0	0	0	0	0	1
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7-19	93	8	0	1	0	0	0	0	0	0	0	1	0	103
6-22	100	10	0	1	0	0	0	0	1	0	0	1	0	113
6-24	102	10	0	1	0	0	0	0	1	0	0	1	0	115
0-24	104	10	0	1	0	0	0	0	1	0	0	1	0	117

_														
Sunday						VEHICLE	CLASSIF	ICATION						TOTAL
15/07/2018 Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7	1	0	0	0	0	0	0	0	0	0	0	0	0	1
8	1	0	0	0	0	0	0	0	0	0	0	0	0	1
9	3	0	0	0	0	0	0	0	0	0	0	0	0	3
10	8	0	0	0	0	0	0	0	0	0	0	0	0	8
11	7	0	0	0	0	0	0	0	0	0	0	0	0	7
12	12	2	0	0	0	0	0	0	0	0	0	0	0	14
13	6	2	0	0	0	0	0	0	0	0	0	0	0	8
14	10	1	0	0	0	0	0	0	0	0	0	0	0	11
15	3	3	0	0	0	0	0	0	0	0	0	0	0	6
16	4	0	0	0	0	0	0	0	0	0	0	0	0	4
17	17	3	0	0	0	0	0	0	0	0	0	0	0	20
18	9	1	0	0	0	0	0	0	0	0	0	0	0	10
19	7	0	0	0	0	0	0	0	1	0	0	0	0	8
20	5	0	0	0	0	0	0	0	0	0	0	0	0	5
21	3	1	0	0	0	0	0	0	0	0	0	0	0	4
22	3	2	0	0	0	0	0	0	0	0	0	0	0	5
23	1	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			_	_	_	_	_			_	_		_	
7-19	87	12	0	0	0	0	0	0	1	0	0	0	0	100
6-22	99	15	0	0	0	0	0	0	1	0	0	0	0	115
6-24	100	15	0	0	0	0	0	0	1	0	0	0	0	116
0-24	101	15	0	0	0	0	0	0	1	0	0	0	0	117

LOCATION: SITE 1

Direction: SOUTHBOUND

Sunday 15/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	1	0	0	0	0	0	0	0	0	1
5	0	0	0	1	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	0	0	0	0	0	0	0	0	0	1
8	0	0	2	0	0	0	0	0	0	0	0	0	2
9	0	0	4	1	0	0	0	0	0	0	0	0	5
10	0	0	2	2	0	0	0	0	0	0	0	0	4
11	0	2	7	1	1	1	0	0	0	0	0	0	12
12	0	4	5	2	2	0	0	0	0	0	0	0	13
13	0	0	3	2	0	0	0	0	0	0	0	0	5
14	0	2	9	0	0	0	0	0	0	0	0	0	11
15	0	1	2	2	0	0	0	0	0	0	0	0	5
16	0	2	6	4	0	0	0	0	0	0	0	0	12
17	0	8	5	3	0	0	0	0	0	0	0	0	16
18	0	2	6	2	0	0	0	0	0	0	0	0	10
19	0	2	6	0	0	0	0	0	0	0	0	0	8
20	0	2	0	0	0	0	0	0	0	0	0	0	2
21	0	0	2	0	1	0	0	0	0	0	0	0	3
22	0	3	0	1	0	0	0	0	0	0	0	0	4
23	0	0	1	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	1	0	0	0	0	0	0	0	1
7-19	0	23	57	19	3	1	0	0	0	0	0	0	103
6-22	0	28	60	20	4	1	0	0	0	0	0	0	113
6-24	0	28	61	20	5	1	0	0	0	0	0	0	115
0-24	0	28	61	22	5	1	0	0	0	0	0	0	117

Sunday 15/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	0	0	0	0	0	0	0	0	0	1
7	0	0	1	0	0	0	0	0	0	0	0	0	1
8	0	0	1	0	0	0	0	0	0	0	0	0	1
9	0	0	3	0	0	0	0	0	0	0	0	0	3
10	0	1	5	1	1	0	0	0	0	0	0	0	8
11	0	1	5	1	0	0	0	0	0	0	0	0	7
12	0	3	7	3	1	0	0	0	0	0	0	0	14
13	0	2	5	1	0	0	0	0	0	0	0	0	8
14	0	1	6	3	1	0	0	0	0	0	0	0	11
15	0	3	1	2	0	0	0	0	0	0	0	0	6
16	0	1	3	0	0	0	0	0	0	0	0	0	4
17	0	5	14	0	1	0	0	0	0	0	0	0	20
18	0	1	7	2	0	0	0	0	0	0	0	0	10
19	0	2	6	0	0	0	0	0	0	0	0	0	8
20	0	1	4	0	0	0	0	0	0	0	0	0	5
21	0	0	4	0	0	0	0	0	0	0	0	0	4
22	0	2	2	1	0	0	0	0	0	0	0	0	5
23	0	0	1	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	0	20	63	13	4	0	0	0	0	0	0	0	100
6-22	0	23	74	14	4	0	0	0	0	0	0	0	115
6-24	0	23	75	14	4	0	0	0	0	0	0	0	116
0-24	0	23	76	14	4	0	0	0	0	0	0	0	117

LOCATION: SITE 1

Direction: SOUTHBOUND

Monday 16/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1 Littling	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	0	2	0	1	0	0	4
6	3	1	0	0	0	0	0	0	1	0	0	0	0	5
7	3	0	0	0	0	0	0	0	0	0	0	0	0	3
8	8	0	1	0	1	0	0	0	0	0	0	0	0	10
9	8	3	0	0	0	0	0	0	0	0	0	0	0	11
10	4	2	0	0	0	0	0	0	0	0	0	0	0	6
11	6	0	1	0	0	0	0	0	0	0	0	0	0	7
12	8	4	0	0	0	0	0	0	0	0	0	0	0	12
13	8	1	1	0	0	0	0	0	0	0	0	0	0	10
14	6	3	0	0	0	0	0	0	0	0	0	0	0	9
15	4	3	0	0	1	0	0	0	1	0	0	0	0	9
16	9	3	2	1	0	0	0	0	0	0	0	0	0	15
17	6	1	1	0	0	0	0	0	0	0	0	0	0	8
18	7	4	0	0	0	0	0	0	0	0	0	0	0	11
19	6	3	0	0	0	0	0	0	1	0	0	0	0	10
20	5	1	0	0	0	0	0	0	0	0	0	0	0	6
21	5	0	0	0	0	0	0	0	0	0	0	0	0	5
22	7	0	0	0	0	0	0	0	0	0	0	0	0	7
23	3	2	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	80	27	6	1	2	0	0	0	2	0	0	0	0	118
6-22	100	28	6	1	2	0	0	0	2	0	0	0	0	139
6-24	103	30	6	1	2	0	0	0	2	0	0	0	0	144
0-24	106	32	6	1	2	0	0	0	5	0	1	0	0	153

Monday						VEHICLE	CLASSIF	ICATION						TOTAL
16/07/2018 Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	0	0	0	0	0	0	0	0	0	0	0	2
5	2	2	0	0	0	0	0	0	0	0	0	0	0	4
6	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	1	0	0	0	0	0	0	0	0	0	0	0	1
8	6	2	0	0	0	0	0	0	0	0	0	0	0	8
9	9	2	0	0	0	0	0	0	0	0	0	0	0	11
10	9	0	0	0	1	0	0	0	0	0	0	0	0	10
11	5	2	0	1	0	0	0	0	0	0	0	0	0	8
12	2	2	0	1	0	0	0	0	0	0	0	0	0	5
13	7	2	0	0	0	0	0	0	1	0	0	0	0	10
14	4	1	0	0	0	0	0	0	0	0	0	0	0	5
15	6	3	0	0	1	0	0	0	1	0	0	0	0	11
16	5	4	0	1	0	0	0	0	0	0	1	2	0	13
17	10	1	1	0	0	0	0	0	0	0	0	0	0	12
18	18	3	0	0	0	0	0	0	0	0	0	0	0	21
19	7	0	0	0	0	0	0	0	0	0	0	0	0	7
20	6	1	0	0	0	0	0	0	0	0	0	0	0	7
21	2	1	0	0	0	0	0	0	0	0	0	0	0	3
22	5	1	0	0	0	0	0	0	0	0	0	0	0	6
23	5	0	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	88	22	1	3	2	0	0	0	2	0	1	2	0	121
6-22	101	26	1	3	2	0	0	0	2	0	1	2	0	138
6-24	106	26	1	3	2	0	0	0	2	0	1	2	0	143
0-24	110	29	1	3	2	0	0	0	2	0	1	2	0	150

LOCATION: SITE 1

Direction: SOUTHBOUND

Monday 16/07/2018					\	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	4	0	0	0	0	0	0	0	0	0	0	4
6	0	4	0	0	1	0	0	0	0	0	0	0	5
7	0	0	2	1	0	0	0	0	0	0	0	0	3
8	0	2	4	3	0	1	0	0	0	0	0	0	10
9	0	3	5	2	1	0	0	0	0	0	0	0	11
10	0	1	4	1	0	0	0	0	0	0	0	0	6
11	0	2	5	0	0	0	0	0	0	0	0	0	7
12	0	6	6	0	0	0	0	0	0	0	0	0	12
13	0	5	3	2	0	0	0	0	0	0	0	0	10
14	0	2	7	0	0	0	0	0	0	0	0	0	9
15	1	4	4	0	0	0	0	0	0	0	0	0	9
16	0	7	7	1	0	0	0	0	0	0	0	0	15
17	0	2	6	0	0	0	0	0	0	0	0	0	8
18	0	4	6	0	1	0	0	0	0	0	0	0	11
19	1	0	8	1	0	0	0	0	0	0	0	0	10
20	1	1	2	1	1	0	0	0	0	0	0	0	6
21	0	0	5	0	0	0	0	0	0	0	0	0	5
22	0	1	6	0	0	0	0	0	0	0	0	0	7
23	0	1	2	1	1	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	2	38	65	10	2	1	0	0	0	0	0	0	118
6-22	3	40	80	12	3	1	0	0	0	0	0	0	139
6-24	3	41	82	13	4	1	0	0	0	0	0	0	144
0-24	3	49	82	13	5	1	0	0	0	0	0	0	153

Monday 16/07/2018					١	/EHICLE S	PEED (MPH	I)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	TOTAL
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	2	0	0	0	0	0	0	0	0	0	2
5	0	0	4	0	0	0	0	0	0	0	0	0	4
6	0	0	1	0	0	0	0	0	0	0	0	0	1
7	0	0	1	0	0	0	0	0	0	0	0	0	1
8	0	6	2	0	0	0	0	0	0	0	0	0	8
9	0	3	6	2	0	0	0	0	0	0	0	0	11
10	0	1	7	2	0	0	0	0	0	0	0	0	10
11	0	4	4	0	0	0	0	0	0	0	0	0	8
12	0	1	4	0	0	0	0	0	0	0	0	0	5
13	0	2	7	1	0	0	0	0	0	0	0	0	10
14	0	1	4	0	0	0	0	0	0	0	0	0	5
15	2	4	3	1	1	0	0	0	0	0	0	0	11
16	0	7	6	0	0	0	0	0	0	0	0	0	13
17	2	3	7	0	0	0	0	0	0	0	0	0	12
18	0	4	11	5	1	0	0	0	0	0	0	0	21
19	0	1	4	1	1	0	0	0	0	0	0	0	7
20	0	2	3	1	1	0	0	0	0	0	0	0	7
21	0	1	2	0	0	0	0	0	0	0	0	0	3
22	0	0	4	1	0	0	0	1	0	0	0	0	6
23	0	0	3	2	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0
					_		_	_	_	_	_		
7-19	4	37	65	12	3	0	0	0	0	0	0	0	121
6-22	4	40	75	14	4	0	0	1	0	0	0	0	138
6-24	4	40	78	16	4	0	0	1	0	0	0	0	143
0-24	4	40	85	16	4	0	0	1	0	0	0	0	150

LOCATION: SITE 1

Direction: SOUTHBOUND

Tuesday 17/07/2018						VEHICLE	CLASSIF	CATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	1	0	0	0	2	0	0	0	0	3
7	2	0	0	0	0	0	0	0	0	0	1	0	0	3
8	7	1	0	0	0	0	0	0	0	0	0	0	0	8
9	10	2	0	0	0	0	0	0	0	0	0	0	0	12
10	8	1	0	0	0	0	0	0	0	0	0	0	0	9
11	7	3	0	0	0	0	0	0	0	0	0	0	0	10
12	6	0	0	0	0	0	0	0	0	0	0	0	0	6
13	4	5	0	0	0	0	0	0	0	0	0	1	0	10
14	3	1	0	0	1	0	0	0	0	0	0	1	0	6
15	9	6	0	0	1	0	0	0	0	0	0	0	0	16
16	11	1	0	0	0	0	0	0	0	0	0	0	0	12
17	7	1	0	0	0	0	0	0	0	0	0	1	0	9
18	8	4	0	0	0	0	0	0	0	0	0	0	0	12
19	9	5	0	0	0	0	0	0	0	0	0	0	0	14
20	7	2	0	0	0	0	0	0	0	0	0	0	0	9
21	2	0	0	0	0	0	0	0	0	0	0	0	0	2
22	5	0	0	0	0	0	0	0	0	0	0	0	0	5
23	0	1	0	0	0	0	0	0	0	0	0	0	0	1
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
								1				T		
7-19	89	30	0	0	2	0	0	0	0	0	0	3	0	124
6-22	105	32	0	0	2	0	0	0	0	0	1	3	0	143
6-24	106	33	0	0	2	0	0	0	0	0	1	3	0	145
0-24	106	33	0	0	3	0	0	0	2	0	1	3	0	148

Tuesday						VEHICLE	CLASSIF	ICATION						TOTAL
17/07/2018										- 10			<u> </u>	TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	2	1	0	0	0	0	0	0	0	0	0	0	0	3
7	0	0	1	0	0	0	0	0	0	0	0	0	0	1
8	5	2	0	0	0	0	0	0	0	0	0	0	0	7
9	8	4	0	0	0	0	0	0	0	0	0	0	0	12
10	5	7	0	0	0	0	0	0	0	0	0	0	0	12
11	9	2	0	0	0	0	0	0	0	0	0	0	0	11
12	11	0	0	0	0	0	0	0	0	0	0	0	0	11
13	3	4	0	0	0	0	0	0	0	0	0	0	0	7
14	2	3	0	0	1	0	0	0	0	0	0	0	0	6
15	7	1	0	0	1	0	0	0	1	0	0	1	0	11
16	4	1	0	0	3	0	0	0	0	0	0	1	0	9
17	7	3	0	0	0	0	0	0	0	0	0	0	0	10
18	14	2	0	0	0	0	0	0	1	0	0	0	0	17
19	7	2	0	0	0	0	0	0	0	0	0	0	0	9
20	7	0	0	0	0	0	0	0	0	0	0	0	0	7
21	3	0	0	0	0	0	0	0	0	0	0	0	0	3
22	5	0	0	0	0	0	0	0	0	0	0	0	0	5
23	1	0	0	0	0	0	0	0	0	0	0	0	0	1
24	2	0	0	0	0	0	0	0	0	0	0	0	0	2
7-19	82	31	0	0	5	0	0	0	2	0	0	2	0	122
6-22	97	31	1	0	5	0	0	0	2	0	0	2	0	138
6-24	100	31	1	0	5	0	0	0	2	0	0	2	0	141
0-24	103	32	1	0	5	0	0	0	2	0	0	2	0	145

LOCATION: SITE 1

Direction: SOUTHBOUND

Tuesday 17/07/2018					١	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	3	0	0	0	0	0	0	0	0	0	0	3
7	0	1	2	0	0	0	0	0	0	0	0	0	3
8	0	1	3	2	2	0	0	0	0	0	0	0	8
9	0	0	7	3	2	0	0	0	0	0	0	0	12
10	0	3	3	3	0	0	0	0	0	0	0	0	9
11	0	2	8	0	0	0	0	0	0	0	0	0	10
12	0	1	5	0	0	0	0	0	0	0	0	0	6
13	0	1	8	1	0	0	0	0	0	0	0	0	10
14	0	0	6	0	0	0	0	0	0	0	0	0	6
15	0	4	11	0	0	1	0	0	0	0	0	0	16
16	0	5	5	1	1	0	0	0	0	0	0	0	12
17	0	4	3	2	0	0	0	0	0	0	0	0	9
18	0	3	6	2	0	1	0	0	0	0	0	0	12
19	0	4	7	3	0	0	0	0	0	0	0	0	14
20	0	0	5	3	1	0	0	0	0	0	0	0	9
21	0	1	0	1	0	0	0	0	0	0	0	0	2
22	0	0	5	0	0	0	0	0	0	0	0	0	5
23	0	0	1	0	0	0	0	0	0	0	0	0	1
24	0	0	0	1	0	0	0	0	0	0	0	0	1
7-19	0	28	72	17	5	2	0	0	0	0	0	0	124
6-22	0	30	84	21	6	2	0	0	0	0	0	0	143
6-24	0	30	85	22	6	2	0	0	0	0	0	0	145
0-24	0	33	85	22	6	2	0	0	0	0	0	0	148

Tuesday 17/07/2018					١	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	1	0	0	0	0	0	0	0	0	0	1
6	0	0	3	0	0	0	0	0	0	0	0	0	3
7	0	0	1	0	0	0	0	0	0	0	0	0	1
8	0	1	4	2	0	0	0	0	0	0	0	0	7
9	0	4	8	0	0	0	0	0	0	0	0	0	12
10	0	2	8	2	0	0	0	0	0	0	0	0	12
11	0	6	4	1	0	0	0	0	0	0	0	0	11
12	0	0	8	2	1	0	0	0	0	0	0	0	11
13	0	2	4	0	1	0	0	0	0	0	0	0	7
14	0	0	4	0	2	0	0	0	0	0	0	0	6
15	0	4	7	0	0	0	0	0	0	0	0	0	11
16	0	4	5	0	0	0	0	0	0	0	0	0	9
17	0	4	5	1	0	0	0	0	0	0	0	0	10
18	0	8	6	1	2	0	0	0	0	0	0	0	17
19	1	1	5	1	1	0	0	0	0	0	0	0	9
20	0	1	5	1	0	0	0	0	0	0	0	0	7
21	0	0	3	0	0	0	0	0	0	0	0	0	3
22	0	1	4	0	0	0	0	0	0	0	0	0	5
23	0	0	0	1	0	0	0	0	0	0	0	0	1
24	0	0	2	0	0	0	0	0	0	0	0	0	2
7-19	1	36	68	10	7	0	0	0	0	0	0	0	122
6-22	1	38	81	11	7	0	0	0	0	0	0	0	138
6-24	1	38	83	12	7	0	0	0	0	0	0	0	141
0-24	1	38	87	12	7	0	0	0	0	0	0	0	145

LOCATION: SITE 1

Direction: SOUTHBOUND

Wednesday 18/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	1	0	0	0	0	1
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	3	0	0	0	0	0	2	0	0	5
7	3	0	0	0	0	0	0	0	0	0	0	0	0	3
8	7	0	0	0	0	0	0	0	0	0	0	0	0	7
9	11	0	0	0	0	0	0	0	0	0	0	1	0	12
10	9	2	0	0	0	0	0	0	0	0	0	0	0	11
11	7	1	0	0	0	0	0	0	0	0	0	0	0	8
12	7	2	0	0	0	0	0	1	0	0	0	0	0	10
13	8	4	0	0	0	0	0	0	0	0	0	0	0	12
14	6	4	0	0	0	0	0	0	0	0	0	0	0	10
15	8	2	0	0	0	0	0	0	0	0	0	0	0	10
16	14	3	0	0	0	0	0	0	0	0	0	0	0	17
17	13	3	0	0	1	0	0	0	0	0	0	0	0	17
18	9	3	0	0	0	0	0	0	0	0	0	0	0	12
19	10	1	0	0	0	0	0	0	0	0	0	0	0	11
20	4	2	0	0	0	0	0	0	0	0	0	0	0	6
21	1	0	0	0	0	0	0	0	0	0	0	0	0	1
22	1	0	0	0	0	0	0	0	0	0	0	0	0	1
23	1	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	109	25	0	0	1	0	0	1	0	0	0	1	0	137
6-22	118	27	0	0	1	0	0	1	0	0	0	1	0	148
6-24	119	27	0	0	1	0	0	1	0	0	0	1	0	149
0-24	121	27	0	0	4	0	0	1	1	0	2	1	0	157

Wednesday						VEHICLE	CLASSIF	CATION						TOTAL
18/07/2018 Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1 Lituring	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	2	1	0	0	0	0	0	0	0	0	0	0	0	3
6	2	1	0	0	0	0	0	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	5	2	0	0	0	0	0	0	0	0	0	0	0	7
9	6	3	0	0	0	0	0	0	0	0	0	0	0	9
10	8	0	0	0	0	0	0	0	0	0	0	0	0	8
11	8	1	0	0	0	0	0	0	0	0	0	0	0	9
12	4	4	0	0	1	0	0	0	0	0	0	0	0	9
13	10	1	0	0	1	0	0	0	0	0	0	0	0	12
14	7	0	0	0	0	0	0	0	1	0	0	0	0	8
15	8	3	0	0	0	0	0	0	0	0	1	1	0	13
16	16	3	0	0	1	0	0	0	2	0	0	1	0	23
17	11	0	0	0	0	0	1	0	0	0	0	1	0	13
18	13	1	0	0	0	0	0	0	0	0	0	0	0	14
19	11	0	0	0	0	0	0	0	0	0	0	0	0	11
20	9	0	0	0	0	0	0	0	0	0	0	0	0	9
21	2	0	0	0	0	0	0	0	0	0	0	0	0	2
22	5	1	0	0	0	0	0	0	0	0	0	0	0	6
23	4	0	0	0	0	0	0	0	0	0	0	0	0	4
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						•						•	•	
7-19	107	18	0	0	3	0	1	0	3	0	1	3	0	136
6-22	123	19	0	0	3	0	1	0	3	0	1	3	0	153
6-24	127	19	0	0	3	0	1	0	3	0	1	3	0	157
0-24	133	21	0	0	3	0	1	0	3	0	1	3	0	165

LOCATION: SITE 1

Direction: SOUTHBOUND

Wednesday 18/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	1	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	1	0	0	0	0	0	0	1
6	0	5	0	0	0	0	0	0	0	0	0	0	5
7	0	0	3	0	0	0	0	0	0	0	0	0	3
8	0	1	2	4	0	0	0	0	0	0	0	0	7
9	0	0	6	5	1	0	0	0	0	0	0	0	12
10	0	4	3	4	0	0	0	0	0	0	0	0	11
11	0	2	5	1	0	0	0	0	0	0	0	0	8
12	0	1	8	1	0	0	0	0	0	0	0	0	10
13	0	3	7	1	1	0	0	0	0	0	0	0	12
14	1	3	4	2	0	0	0	0	0	0	0	0	10
15	0	7	3	0	0	0	0	0	0	0	0	0	10
16	1	3	8	4	1	0	0	0	0	0	0	0	17
17	0	5	11	1	0	0	0	0	0	0	0	0	17
18	0	3	6	2	1	0	0	0	0	0	0	0	12
19	1	3	5	2	0	0	0	0	0	0	0	0	11
20	0	1	4	1	0	0	0	0	0	0	0	0	6
21	0	1	0	0	0	0	0	0	0	0	0	0	1
22	0	0	1	0	0	0	0	0	0	0	0	0	1
23	0	0	1	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0
	•	•		•	•	•		•	•		•		•
7-19	3	35	68	27	4	0	0	0	0	0	0	0	137
6-22	3	37	76	28	4	0	0	0	0	0	0	0	148
6-24	3	37	77	28	4	0	0	0	0	0	0	0	149
0-24	3	43	78	28	4	1	0	0	0	0	0	0	157

Wednesday 18/07/2018					١	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	1	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	0	0	0	0	0	0	0	0	0	1
5	0	0	3	0	0	0	0	0	0	0	0	0	3
6	0	0	3	0	0	0	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	2	4	1	0	0	0	0	0	0	0	0	7
9	0	1	7	1	0	0	0	0	0	0	0	0	9
10	0	0	7	1	0	0	0	0	0	0	0	0	8
11	0	2	6	1	0	0	0	0	0	0	0	0	9
12	0	0	7	2	0	0	0	0	0	0	0	0	9
13	0	2	7	3	0	0	0	0	0	0	0	0	12
14	0	2	4	2	0	0	0	0	0	0	0	0	8
15	3	5	4	1	0	0	0	0	0	0	0	0	13
16	1	10	10	2	0	0	0	0	0	0	0	0	23
17	0	2	10	1	0	0	0	0	0	0	0	0	13
18	1	0	10	3	0	0	0	0	0	0	0	0	14
19	0	0	6	5	0	0	0	0	0	0	0	0	11
20	0	1	4	2	2	0	0	0	0	0	0	0	9
21	0	0	2	0	0	0	0	0	0	0	0	0	2
22	0	0	6	0	0	0	0	0	0	0	0	0	6
23	0	0	4	0	0	0	0	0	0	0	0	0	4
24	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	5	26	82	23	0	0	0	0	0	0	0	0	136
6-22	5	27	94	25	2	0	0	0	0	0	0	0	153
6-24	5	27	98	25	2	0	0	0	0	0	0	0	157
0-24	5	27	106	25	2	0	0	0	0	0	0	0	165

LOCATION: SITE 1

Direction: SOUTHBOUND

Thursday 19/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6	0	0	0	0	0	0	0	0	1	0	1	0	0	2
7	2	2	1	0	1	0	0	0	0	0	0	0	0	6
8	9	1	1	0	0	0	0	0	0	0	0	0	0	11
9	16	0	0	0	0	0	0	0	0	0	0	1	0	17
10	11	4	0	0	1	0	0	0	0	0	0	0	0	16
11	10	2	1	0	0	0	0	0	0	0	0	0	0	13
12	4	5	1	0	0	0	0	0	0	0	0	0	0	10
13	8	1	1	0	0	0	0	0	0	0	0	0	0	10
14	2	4	1	0	0	0	0	0	0	0	0	0	0	7
15	13	4	0	1	0	0	0	0	0	0	0	0	0	18
16	5	2	0	0	0	0	0	0	1	0	0	1	0	9
17	10	3	0	0	0	0	0	0	0	0	1	0	0	14
18	11	4	0	0	0	0	0	0	0	0	0	0	0	15
19	8	3	0	0	0	0	0	0	0	0	0	0	0	11
20	6	1	0	0	0	0	0	0	0	0	0	0	0	7
21	2	0	0	0	1	0	0	0	0	0	0	0	0	3
22	7	2	0	0	0	0	0	0	0	0	0	0	0	9
23	1	1	0	0	0	0	0	0	0	0	0	0	0	2
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7-19	107	33	5	1	1	0	0	0	1	0	1	2	0	151
6-22	124	38	6	1	3	0	0	0	1	0	1	2	0	176
6-24	126	39	6	1	3	0	0	0	1	0	1	2	0	179
0-24	126	39	6	1	3	0	0	0	2	0	3	2	0	182

Thursday 19/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	2	0	0	0	0	0	0	0	0	0	0	0	0	2
6	1	1	0	0	0	0	0	0	0	0	0	0	0	2
7	1	0	0	1	0	0	0	0	0	0	0	0	0	2
8	5	1	0	1	1	0	0	0	0	0	0	0	0	8
9	9	3	0	0	0	0	0	0	0	0	0	0	0	12
10	7	0	0	0	0	0	0	0	0	0	0	0	0	7
11	8	6	0	1	0	0	0	0	0	0	0	0	0	15
12	6	4	0	0	0	0	0	0	0	0	0	0	0	10
13	2	1	0	1	0	0	0	0	0	0	0	0	0	4
14	7	2	0	1	1	0	0	0	1	0	0	0	0	12
15	11	4	0	1	0	0	0	0	0	0	0	0	0	16
16	12	1	0	0	0	0	0	0	2	0	0	2	0	17
17	12	1	0	0	0	0	0	0	0	0	1	0	0	14
18	8	4	0	0	0	0	0	0	0	0	0	0	0	12
19	14	2	0	0	1	0	0	0	0	0	0	0	0	17
20	13	0	0	0	0	0	0	0	0	0	0	0	0	13
21	7	0	0	0	0	0	0	0	0	0	0	0	0	7
22	3	1	0	0	0	0	0	0	0	0	0	0	0	4
23	0	1	0	0	0	0	0	0	0	0	0	0	0	1
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
			_	_	_		_		_	_				
7-19	101	29	0	5	3	0	0	0	3	0	1	2	0	144
6-22	125	30	0	6	3	0	0	0	3	0	1	2	0	170
6-24	126	31	0	6	3	0	0	0	3	0	1	2	0	172
0-24	129	32	0	6	3	0	0	0	3	0	1	2	0	176

LOCATION: SITE 1

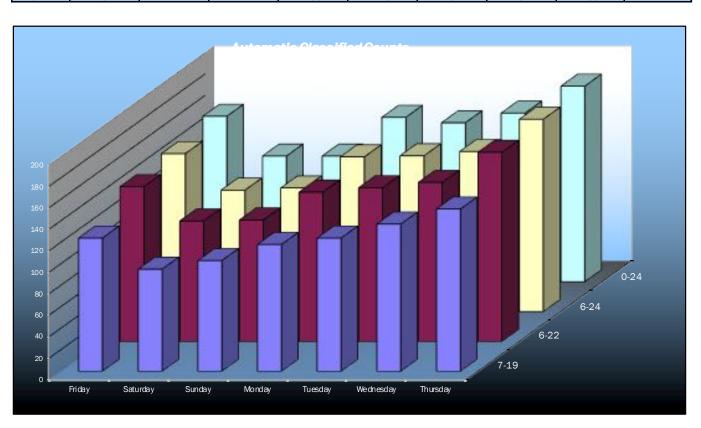
Direction: SOUTHBOUND

Thursday 19/07/2018					١	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	0	0	0	0	0	1
6	0	2	0	0	0	0	0	0	0	0	0	0	2
7	0	2	2	2	0	0	0	0	0	0	0	0	6
8	0	1	3	4	3	0	0	0	0	0	0	0	11
9	0	3	11	3	0	0	0	0	0	0	0	0	17
10	0	3	12	1	0	0	0	0	0	0	0	0	16
11	0	3	8	2	0	0	0	0	0	0	0	0	13
12	0	5	5	0	0	0	0	0	0	0	0	0	10
13	0	2	6	2	0	0	0	0	0	0	0	0	10
14	0	4	1	0	2	0	0	0	0	0	0	0	7
15	0	4	13	1	0	0	0	0	0	0	0	0	18
16	1	2	5	0	1	0	0	0	0	0	0	0	9
17	0	5	5	3	1	0	0	0	0	0	0	0	14
18	0	4	9	1	1	0	0	0	0	0	0	0	15
19	0	2	3	5	1	0	0	0	0	0	0	0	11
20	0	2	3	2	0	0	0	0	0	0	0	0	7
21	0	0	0	3	0	0	0	0	0	0	0	0	3
22	1	3	5	0	0	0	0	0	0	0	0	0	9
23	0	0	0	1	1	0	0	0	0	0	0	0	2
24	0	1	0	0	0	0	0	0	0	0	0	0	1
7-19	1	38	81	22	9	0	0	0	0	0	0	0	151
6-22	2	45	91	29	9	0	0	0	0	0	0	0	176
6-24	2	46	91	30	10	0	0	0	0	0	0	0	179
0-24	2	49	91	30	10	0	0	0	0	0	0	0	182

Thursday 19/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	2	0	0	0	0	0	0	0	0	0	2
6	0	0	2	0	0	0	0	0	0	0	0	0	2
7	0	1	0	1	0	0	0	0	0	0	0	0	2
8	0	4	3	1	0	0	0	0	0	0	0	0	8
9	0	1	8	2	1	0	0	0	0	0	0	0	12
10	0	0	5	2	0	0	0	0	0	0	0	0	7
11	0	2	12	1	0	0	0	0	0	0	0	0	15
12	2	1	6	0	1	0	0	0	0	0	0	0	10
13	0	2	2	0	0	0	0	0	0	0	0	0	4
14	0	3	6	3	0	0	0	0	0	0	0	0	12
15	2	4	10	0	0	0	0	0	0	0	0	0	16
16	0	10	4	3	0	0	0	0	0	0	0	0	17
17	0	2	10	1	1	0	0	0	0	0	0	0	14
18	0	2	8	1	1	0	0	0	0	0	0	0	12
19	0	3	11	1	2	0	0	0	0	0	0	0	17
20	0	1	11	1	0	0	0	0	0	0	0	0	13
21	0	3	3	1	0	0	0	0	0	0	0	0	7
22	0	1	3	0	0	0	0	0	0	0	0	0	4
23	0	0	1	0	0	0	0	0	0	0	0	0	1
24	0	0	1	0	0	0	0	0	0	0	0	0	1
7-19	4	34	85	15	6	0	0	0	0	0	0	0	144
6-22	4	40	102	18	6	0	0	0	0	0	0	0	170
6-24	4	40	104	18	6	0	0	0	0	0	0	0	172
0-24	4	40	108	18	6	0	0	0	0	0	0	0	176

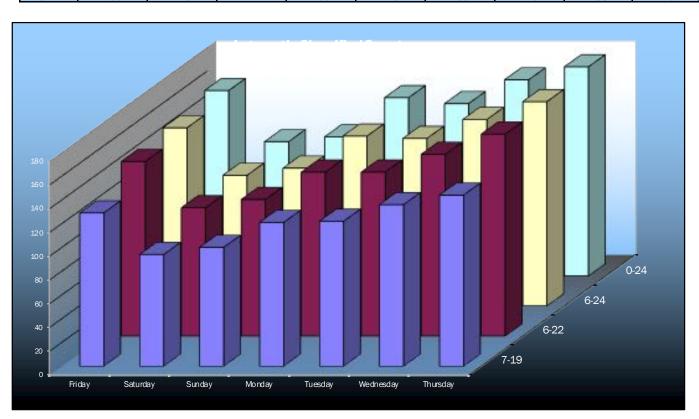
LOCATION: SITE 1

				VEHICL	E FLOWS				
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18	WEEKDAY AVERAGE	WEEK AVERAGE
1	2	0	0	0	0	1	0	1	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	2	0	1	0	0	1	0	1	1
5	0	2	1	4	0	1	1	1	1
6	3	2	0	5	3	5	2	4	3
7	3	1	1	3	3	3	6	4	3
8	4	6	2	10	8	7	11	8	7
9	13	8	5	11	12	12	17	13	11
10	16	16	4	6	9	11	16	12	11
11	7	9	12	7	10	8	13	9	9
12	11	14	13	12	6	10	10	10	11
13	11	4	5	10	10	12	10	11	9
14	10	8	11	9	6	10	7	8	9
15	12	11	5	9	16	10	18	13	12
16	9	5	12	15	12	17	9	12	11
17	14	7	16	8	9	17	14	12	12
18	7	0	10	11	12	12	15	11	10
19	10	7	8	10	14	11	11	11	10
20	8	8	2	6	9	6	7	7	7
21	4	4	3	5	2	1	3	3	3
22	5	4	4	7	5	1	9	5	5
23	0	1	1	5	1	1	2	2	2
24	3	0	1	0	1	0	1	1	1
7-19	124	95	103	118	124	137	151	131	122
6-22	144	112	113	139	143	148	176	150	139
6-24	147	113	115	144	145	149	179	153	142
0-24	154	117	117	153	148	157	182	159	147



LOCATION: SITE 1

				NORTH	HBOUND				
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18	WEEKDAY AVERAGE	WEEK AVERAGE
1	0	2	0	0	0	1	0	0	0
2	1	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0
4	1	0	0	2	0	1	0	1	1
5	1	1	0	4	1	3	2	2	2
6	2	0	1	1	3	3	2	2	2
7	2	2	1	1	1	0	2	1	1
8	2	3	1	8	7	7	8	6	5
9	15	10	3	11	12	9	12	12	10
10	9	12	8	10	12	8	7	9	9
11	6	7	7	8	11	9	15	10	9
12	10	8	14	5	11	9	10	9	10
13	5	9	8	10	7	12	4	8	8
14	12	12	11	5	6	8	12	9	9
15	15	9	6	11	11	13	16	13	12
16	17	6	4	13	9	23	17	16	13
17	19	8	20	12	10	13	14	14	14
18	10	5	10	21	17	14	12	15	13
19	9	5	8	7	9	11	17	11	9
20	9	6	5	7	7	9	13	9	8
21	3	3	4	3	3	2	7	4	4
22	4	3	5	6	5	6	4	5	5
23	2	1	1	5	1	4	1	3	2
24	1	1	0	0	2	0	1	1	1
7-19	129	94	100	121	122	136	144	130	121
6-22	147	108	115	138	138	153	170	149	138
6-24	150	110	116	143	141	157	172	153	141
0-24	156	113	117	150	145	165	176	158	146



LOCATION: SITE 1

Direction: SOUTHBOUND

			AVERAGE	SPEEDS						
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18			
1	29.3	-	-	-	-	25.5	-			
2	-	-	-	-	1	-	-			
3	-	-	-	-	1	-	-			
4	20.5	-	33.0	-	٠	15.5	-			
5	-	25.5	33.0	15.5	1	43.0	15.5			
6	18.8	25.5	-	20.0	15.5	15.5	15.5			
7	22.2	25.5	25.5	28.0	22.2	25.5	24.7			
8	26.8	23.4	25.5	27.5	29.3	28.4	30.7			
9	24.3	25.2	27.0	25.3	29.5	29.7	25.1			
10	24.6	23.2	29.3	25.1	24.7	24.6	24.1			
11	25.1	26.1	27.0	22.6	23.5	23.9	24.3			
12	23.2	25.9	25.5 28.5	20.5	23.8	25.3	20.5			
13	23.2	26.1		22.0	25.3	24.7	25.0			
14	25.3	23.0	23.7	23.3	25.5	22.0	23.4			
15	24.0	26.2	26.5	26.5	26.5		18.8	24.1	18.5	23.7
16	22.7	26.5	26.3	21.3	23.0	25.1	22.4			
17	19.8	29.8	21.9	23.0	22.7	23.0	24.4			
18	23.4	-	25.0	23.0	25.7	25.3	24.2			
19	25.3	25.5	23.0	24.3	24.3	22.3	28.2			
20	26.1	29.9	15.5	23.8	29.4	25.1	24.8			
21	24.9	25.5	29.7	25.5	24.3	15.5	33.0			
22	31.0	23.0	19.9	24.1	25.5	25.5	19.9			
23	-	33.0	25.5	27.5	25.5	25.5	35.5			
24	33.8	-	38.0	-	33.0	-	15.5			
10-12	24.2	26.0	26.2	21.6	23.7	24.6	22.4			
14-16	23.4	26.3	26.4	20.1	23.5	21.8	23.1			
0-24	24.7	26.0	26.5	23.2	25.1	24.2	24.0			

			85TH PEI	RCENTILE			
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18
1	34.6	-	-	-	-	-	-
2	-	-	-	-	-	-	
3	-	-	-	-	-	-	
4	27.6		-	-	-	-	
5	-	25.5	-	15.5	-	-	-
6	24.6	25.5	-	30.1	15.5	15.5	15.5
7	27.9	-	-	32.3	27.9	25.5	32.5
8	35.0	30.2	25.5	35.9	36.9	35.0	37.7
9	30.1	29.9	30.4	32.8	34.6	34.2	30.5
10	30.9	31.7	33.6	30.7	32.3	32.4	28.7
11	30.2	31.2	34.9	27.5	27.7	29.8	30.1
12	30.0	29.9	33.8	25.7 29.4	27.9	29.4	25.8
13	30.0	35.3	32.6		29.4	31.4	30.9
14	29.4	27.6	27.7	27.7	25.5	30.8 23.3 33.3	34.0
15	30.3	28.4	33.7	25.9	30.8 30.6		28.5
16	30.2	33.7	32.5	27.3			31.6
17	24.9	37.9	29.0	27.6	30.2	28.3	32.3
18	31.3	-	30.9	30.0	33.8	32.5	30.6
19	33.2	33.8	27.6	31.2	30.7	30.7	35.7
20	35.1	34.8	15.5	35.6	34.2	30.7	32.0
21	32.1	25.5	36.9	25.5	36.6	-	33.0
22	36.4	28.0	28.6	27.9	25.5	-	27.2
23	-	-	-	36.1	-	-	39.0
24	42.6	-	-	-	-	-	-
10.10	20.4	20.5	24.2	00.0	07.0	00.0	27.9
10-12	30.1	30.5					
14-16	30.2	31.1	33.1	26.6	30.7	28.3	30.1
0-24	31.3	30.6	30.2	29.2	30.0	29.5	30.9

/ DAY AVERAGE SPEED	24.8
7 DAY AVERAGE 85th PERCENTILE	30.3
•	

LOCATION: SITE 1

Direction: NORTHBOUND

			AVERAGE	SPEEDS			
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18
1	-	25.5	-	-	-	25.5	-
2	25.5	-	-	-	-	-	-
3	25.5	-	-	-	-	-	-
4	25.5	-	-	25.5	-	25.5	-
5	25.5	25.5	-	25.5	25.5	25.5	25.5
6	25.5	-	25.5	25.5	25.5	25.5	25.5
7	20.5	25.5	25.5	25.5	25.5	-	24.3
8	25.5	24.7	25.5	18.0	26.2	23.7	21.4
9	22.0	26.3	25.5	24.1	22.2	25.2	27.0
10	26.1	25.1	26.8	26.0	25.1	26.4	27.6
11	28.8	26.2	25.1	20.5	20.7	24.1	24.7
12	21.0	20.5	25.9	23.5	28.0	27.2	21.8
13	28.5	24.9	23.9	24.3 23.5	24.4	25.7	20.5
14	26.5	20.3	27.8		29.7 21.9 21.1 22.3	24.9 17.6 20.9	24.9
15	21.5	24.9	23.0	20.0			20.5
16	24.0	29.3	23.0	20.1			20.9
17	22.5	29.9	23.6	19.7		24.5	25.5
18	23.5	26.0	26.0	26.0	22.7	25.7	25.5
19	25.5	23.5	23.0	26.9	24.4	28.9	25.6
20	26.3	25.5	23.5	25.5	25.1	28.8	25.3
21	28.0	28.0	25.5	22.2	25.5	25.5	22.3
22	28.6	28.0	23.0	31.3	23.5	25.5	23.0
23	25.5	33.0	25.5	28.5	33.0	25.5	25.5
24	25.5	33.0	-	-	25.5	-	25.5
10-12	24.9	23.4	25.5	22.0	24.4	25.6	23.2
14-16	22.8	27.1	23.0	20.1	21.5	19.3	20.7
0-24	25.1	26.3	24.9	24.1	24.9	25.1	24.1

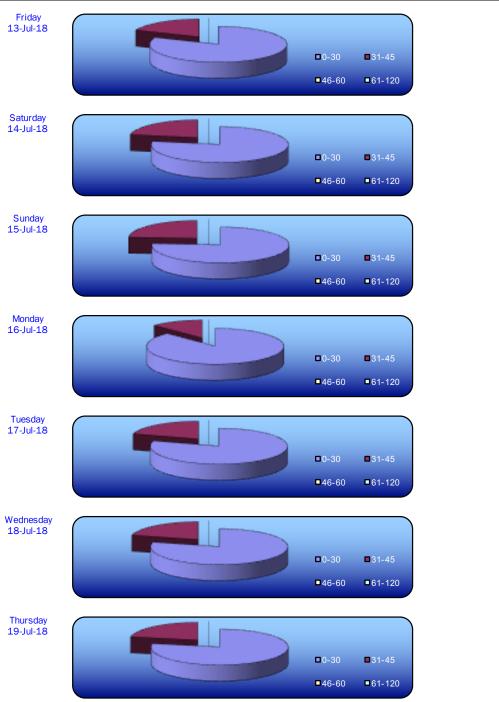
			85TH PER	RCENTILE			
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18
1	-	25.5	-	-	-	-	-
2	-	-	-	-	-	-	•
3	-	-	-	-	-	-	•
4	-	-	-	25.5	-	-	
5	-	-	-	25.5	-	25.5	25.5
6	25.5	-	-	-	25.5	25.5	25.5
7	27.6	25.5	-	-	-	-	36.6
8	25.5	33.4	-	22.6	32.1	30.0	28.2
9	27.8	28.6	25.5	30.4	27.1	29.6	32.5
10	31.2	30.4	33.3	30.8	30.4	29.1	31.3
11	38.8	32.1	30.2	25.8	27.1	29.6	28.9
12	28.5	25.8	32.8	28.0 29.4	32.5 32.0	30.5 31.5	31.8
13	32.6	33.7	29.8				26.3
14	31.4	27.9	33.8	28.0	36.1	31.5	31.4
15	26.6	32.9	31.7	30.5	26.9 26.3	26.5 27.8	27.8
16	29.5	33.4	28.0	25.3			28.1
17	29.1	34.8	29.2	27.6	28.5	29.0	31.1
18	27.7	34.0	30.8	32.4	30.8	32.3	31.6
19	32.7	28.0	27.6	34.0	33.8	32.8	32.1
20	33.9	25.5	28.0	33.8	30.2	36.1	28.9
21	32.3	32.3	25.5	27.9	25.5	25.5	29.2
22	34.9	32.3	30.5	42.4	28.0	25.5	28.0
23	25.5	-	-	32.6	-	25.5	-
24	-	-	-	-	25.5	-	-
10-12	33.7	29.0	31.5	26.9	29.8	30.0	30.3
14-16	28.0	33.1	29.8	27.9	26.6	27.1	27.9
0-24	30.1	30.4	29.8	29.6	29.3	29.1	29.7

7 DAY AVERAGE SPEED	24.9
7 DAY AVERAGE 85th PERCENTILE	29.7

LOCATION: SITE 1

Direction: SOUTHBOUND

	SPEED SUMMARY													
SPEED (MPH)	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18							
0-30	125	91	89	134	118	124	142							
31-45	29	29 26		19	30	33	40							
46-60	0	0	0	0	0	0	0							
61-120	0	0	0	0	0	0	0							
TOTAL	154	117	117	153	148	157	182							

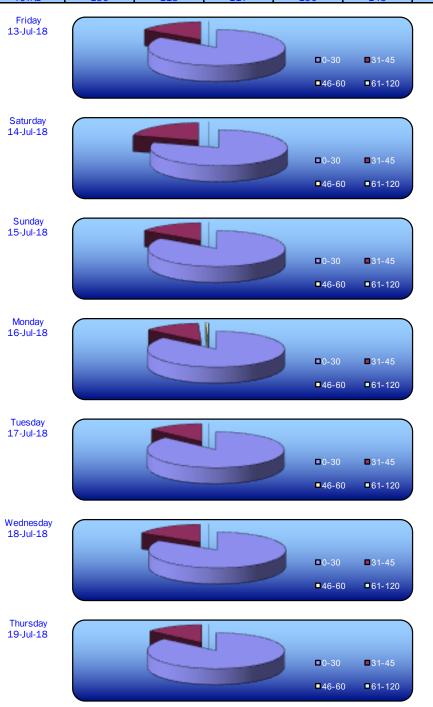


survey and presentation by trafficsense Ltd.

LOCATION: SITE 1

Direction: NORTHBOUND

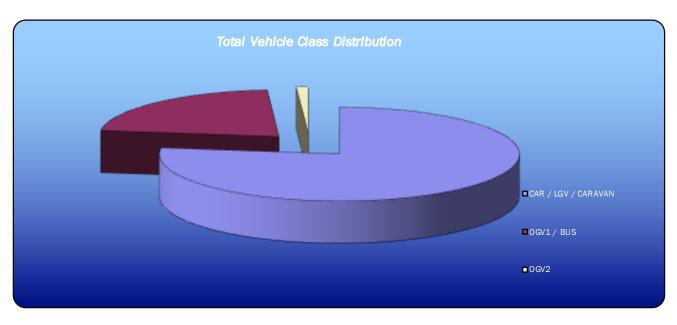
	SPEED SUMMARY													
SPEED (MPH)	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18							
0-30	132	90	99	129	126	138	152							
31-45	24	23	18	20	19	27	24							
46-60	0	0	0	1	0	0	0							
61-120	0	0	0	0	0	0	0							
TOTAL	156	113	117	150	145	165	176							



LOCATION: SITE 1

Direction: SOUTHBOUND

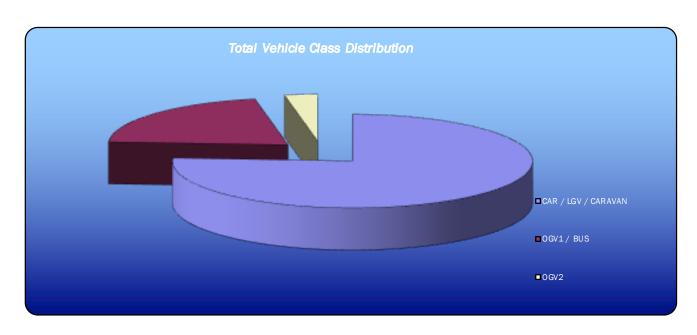
	VEH	IICLE CLASSIFICA	TION	
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
13-Jul-18		7//////////////////////////////////////		///////////////////////////////////////
7-19	96	27	1	124
6-22	107	35	2	144
6-24	109	36	2	147
0-24	111	38	5	154
14-Jul-18				
7-19	83	12	0	95
6-22	97	15	0	112
6-24	98	15	0	113
0-24	101	16	0	117
15-Jul-18				
7-19	93	9	1	103
6-22	100	11	2	113
6-24	102	11	2	115
0-24	104	11	2	117
16-Jul-18				
7-19	80	35	3	118
6-22	100	36	3	139
6-24	103	38	3	144
0-24	106	40	7	153
17-Jul-18				
7-19	89	35	0	124
6-22	105	37	1	143
6-24	106	38	1	145
0-24	106	39	3	148
18-Jul-18				
7-19	109	27	1	137
6-22	118	29	1	148
6-24	119	29	1	149
0-24	121	32	4	157
19-Jul-18				
7-19	107	41	3	151
6-22	124	49	3	176
6-24	126	50	3	179
0-24	126	50	6	182
AVERAGE				
7-19	94	27	1	122
6-22	107	30	2	139
6-24	109	31	2	142
0-24	111	32	4	147



LOCATION: SITE 1

Direction: NORTHBOUND

	VEH	HICLE CLASSIFICA	TION	
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL
13-Jul-18				
7-19	96	30	3	129
6-22	110	34	3	147
6-24	113	34	3	150
0-24	118	35	3	156
14-Jul-18	<u> </u>			
7-19	82	12	0	94
6-22	92	16	0	108
6-24	94	16	0	110
0-24	96	17	0	113
15-Jul-18				
7-19	87	12	1	100
6-22	99	15	1	115
6-24	100	15	1	116
0-24	101	15	1	117
16-Jul-18				
7-19	88	27	6	121
6-22	101	31	6	138
6-24	106	31	6	143
0-24	110	34	6	150
17-Jul-18				
7-19	82	38	2	122
6-22	97	39	2	138
6-24	100	39	2	141
0-24	103	40	2	145
18-Jul-18				
7-19	107	25	4	136
6-22	123	26	4	153
6-24	127	26	4	157
0-24	133	28	4	165
19-Jul-18				
7-19	101	34	9	144
6-22	125	35	10	170
6-24	126	36	10	172
0-24	129	37	10	176
AVERAGE				
7-19	92	25	4	121
6-22	107	28	4	138
6-24	109	28	4	141
0-24	113	29	4	146
V = .				



LOCATION: SITE 2

Direction: WESTBOUND

Friday 13/07/2018	VEHICLE CLASSIFICATION												TOTAL	
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7	2	1	0	0	0	0	0	0	0	0	0	0	0	3
8	13	2	1	0	0	0	0	0	0	0	0	1	0	17
9	16	11	0	0	0	0	0	0	0	0	0	0	0	27
10	10	6	0	0	1	0	0	0	0	0	0	0	0	17
11	11	2	0	0	0	0	0	0	0	0	0	0	0	13
12	10	4	0	0	0	0	0	0	0	0	0	0	0	14
13	4	2	0	0	0	0	0	0	0	0	0	0	0	6
14	9	4	0	0	1	0	0	0	0	0	0	1	0	15
15	17	1	0	0	0	0	0	0	0	0	1	2	0	21
16	29	8	0	0	1	0	0	0	0	0	0	1	0	39
17	26	4	0	0	0	0	0	0	0	0	0	1	0	31
18	19	6	0	0	0	0	0	0	0	0	0	0	0	25
19	15	1	0	0	0	0	1	0	0	0	0	0	0	17
20	11	6	0	0	0	0	0	0	0	0	0	0	0	17
21	11	2	0	0	0	0	0	0	0	0	0	0	0	13
22	12	2	0	0	0	0	0	0	0	0	0	0	0	14
23	5	0	0	0	0	0	0	0	0	0	0	0	0	5
24	4	0	0	0	0	0	0	0	0	0	0	0	0	4
7-19	179	51	1	0	3	0	1	0	0	0	1	6	0	242
6-22	215	62	1	0	3	0	1	0	0	0	1	6	0	289
6-24	224	62	1	0	3	0	1	0	0	0	1	6	0	298
0-24	228	62	1	0	3	0	1	0	0	0	1	6	0	302

Friday 13/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	1	0	0	0	0	0	0	0	0	0	0	0	5
5	0	2	0	0	0	0	0	0	0	0	0	0	0	2
6	9	0	0	0	0	0	0	0	0	0	0	0	0	9
7	7	1	0	0	0	0	0	0	0	0	0	0	0	8
8	20	2	0	0	1	0	0	0	0	0	0	0	0	23
9	18	2	0	0	0	0	0	0	0	0	0	0	0	20
10	19	5	1	0	2	0	0	0	0	0	0	0	0	27
11	14	7	0	0	0	0	0	0	0	0	0	0	0	21
12	11	2	0	0	0	0	0	0	1	0	0	0	0	14
13	11	1	0	0	0	0	0	0	0	0	0	1	0	13
14	13	3	0	0	0	0	0	0	0	0	0	0	0	16
15	21	6	0	0	0	0	0	0	0	0	0	0	0	27
16	13	2	0	0	0	0	0	0	0	0	0	0	0	15
17	12	4	0	0	0	0	0	0	0	0	0	1	0	17
18	11	1	0	0	0	0	0	0	0	0	0	0	0	12
19	22	1	0	0	0	0	0	0	0	0	0	0	0	23
20	16	4	0	0	0	0	0	0	0	0	0	0	0	20
21	7	1	0	0	0	0	0	0	0	0	0	0	0	8
22	4	1	0	0	0	0	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	2	1	0	0	0	0	0	0	0	0	0	0	0	3
7.40	405		1 4		1							1		000
7-19	185	36	1	0	3	0	0	0	1	0	0	2	0	228
6-22	219	43	1	0	3	0	0	0	1	0	0	2	0	269
6-24	221	44	1	0	3	0	0	0	1	0	0	2	0	272
0-24	235	47	1	0	3	0	0	0	1	0	0	2	0	289

LOCATION: SITE 2

Direction: WESTBOUND

Friday 13/07/2018					\	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	1	0	0	0	0	0	0	0	0	0	0	1
3	0	0	1	0	0	0	0	0	0	0	0	0	1
4	0	0	1	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	1	0	0	0	0	0	0	0	0	0	0	1
7	0	1	1	1	0	0	0	0	0	0	0	0	3
8	0	8	7	1	1	0	0	0	0	0	0	0	17
9	0	5	17	2	2	1	0	0	0	0	0	0	27
10	1	3	8	3	1	1	0	0	0	0	0	0	17
11	0	1	5	3	3	1	0	0	0	0	0	0	13
12	0	6	4	3	1	0	0	0	0	0	0	0	14
13	0	2	4	0	0	0	0	0	0	0	0	0	6
14	0	3	9	2	1	0	0	0	0	0	0	0	15
15	0	7	7	6	1	0	0	0	0	0	0	0	21
16	0	10	17	10	2	0	0	0	0	0	0	0	39
17	2	8	13	5	3	0	0	0	0	0	0	0	31
18	0	5	6	10	4	0	0	0	0	0	0	0	25
19	0	5	8	2	2	0	0	0	0	0	0	0	17
20	0	2	8	2	5	0	0	0	0	0	0	0	17
21	0	1	7	1	4	0	0	0	0	0	0	0	13
22	0	2	6	3	2	1	0	0	0	0	0	0	14
23	0	1	0	3	1	0	0	0	0	0	0	0	5
24	0	1	0	2	0	1	0	0	0	0	0	0	4
7-19	3	63	105	47	21	3	0	0	0	0	0	0	242
6-22	3	69	127	54	32	4	0	0	0	0	0	0	289
6-24	3	71	127	59	33	5	0	0	0	0	0	0	298
0-24	3	73	129	59	33	5	0	0	0	0	0	0	302

Friday 13/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	1	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	5	0	0	0	0	0	0	0	0	0	0	5
5	0	0	0	0	1	1	0	0	0	0	0	0	2
6	0	2	3	2	2	0	0	0	0	0	0	0	9
7	0	4	2	1	1	0	0	0	0	0	0	0	8
8	0	4	4	10	3	2	0	0	0	0	0	0	23
9	0	7	2	5	6	0	0	0	0	0	0	0	20
10	1	12	7	3	3	1	0	0	0	0	0	0	27
11	0	8	4	8	1	0	0	0	0	0	0	0	21
12	0	8	3	2	0	1	0	0	0	0	0	0	14
13	0	6	2	3	2	0	0	0	0	0	0	0	13
14	0	6	3	3	4	0	0	0	0	0	0	0	16
15	0	11	4	9	2	1	0	0	0	0	0	0	27
16	0	4	4	6	0	1	0	0	0	0	0	0	15
17	0	9	5	1	2	0	0	0	0	0	0	0	17
18	0	4	1	3	3	1	0	0	0	0	0	0	12
19	0	8	5	5	5	0	0	0	0	0	0	0	23
20	0	6	2	8	4	0	0	0	0	0	0	0	20
21	1	2	1	3	0	0	0	1	0	0	0	0	8
22	0	2	2	0	1	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	1	1	0	1	0	0	0	0	0	0	0	3
7-19	1	87	44	58	31	7	0	0	0	0	0	0	228
6-22	2	101	51	70	37	7	0	1	0	0	0	0	269
6-24	2	102	52	70	38	7	0	1	0	0	0	0	272
0-24	3	109	55	72	41	8	0	1	0	0	0	0	289

LOCATION: SITE 2

Direction: WESTBOUND

Saturday 14/07/2018						VEHICLE	E CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1 Lituring	4	0	0	0	0	0	0	0	0	0	0	0	0	4
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	2	0	0	0	0	0	0	0	0	0	0	0	2
8	3	2	0	0	0	0	0	0	0	0	0	0	0	5
9	7	4	0	0	1	0	0	0	0	0	0	0	0	12
10	10	2	0	0	0	0	0	0	0	0	0	0	0	12
11	14	4	1	0	0	0	0	0	0	0	0	0	0	19
12	19	4	0	0	0	0	0	0	0	0	0	0	0	23
13	23	3	0	0	0	0	0	0	0	0	0	0	0	26
14	11	1	0	0	2	0	0	0	0	0	0	0	0	14
15	18	1	0	0	0	0	0	0	0	0	0	0	0	19
16	12	0	0	0	1	0	0	0	0	0	0	0	0	13
17	13	2	0	0	1	0	0	0	0	0	0	0	0	16
18	12	3	0	0	0	0	0	0	0	0	0	0	0	15
19	12	2	0	0	0	0	0	0	0	0	0	0	0	14
20	13	1	0	0	0	0	0	0	0	0	0	0	0	14
21	8	0	0	0	0	0	0	0	0	0	0	0	0	8
22	4	2	0	0	0	0	0	0	0	0	0	0	0	6
23	3	0	0	0	0	0	0	0	0	0	0	0	0	3
24	6	1	0	0	0	0	0	0	0	0	0	0	0	7
7-19	154	28	1	0	5	0	0	0	0	0	0	0	0	188
6-22	179	33	1	0	5	0	0	0	0	0	0	0	0	218
6-24	188	34	1	0	5	0	0	0	0	0	0	0	0	228
0-24	194	34	1	0	5	0	0	0	0	0	0	0	0	234

		2101200												
Saturday 14/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	2	1	0	0	0	0	0	0	0	0	0	0	0	3
7	2	1	0	0	0	0	0	0	0	0	0	0	0	3
8	10	0	0	0	0	0	0	0	0	0	0	0	0	10
9	12	1	0	0	0	0	0	0	0	0	0	0	0	13
10	21	0	0	0	0	0	0	0	0	0	0	0	0	21
11	19	2	0	0	0	0	0	0	0	0	0	1	0	22
12	18	3	0	0	0	0	0	0	0	0	0	0	0	21
13	17	4	0	0	0	0	0	0	0	0	0	0	0	21
14	8	2	0	0	0	0	0	0	0	0	0	0	0	10
15	14	1	0	0	0	0	0	0	0	0	0	0	0	15
16	15	3	0	0	1	0	0	0	0	0	0	0	0	19
17	9	2	0	0	0	0	0	0	0	0	0	0	0	11
18	8	1	0	0	0	0	0	0	0	0	0	0	0	9
19	12	1	0	0	0	0	0	0	0	0	0	0	0	13
20	10	1	0	0	0	0	0	0	0	0	0	0	0	11
21	3	0	0	0	0	0	0	0	0	0	0	0	0	3
22	4	0	0	0	0	0	0	0	0	0	0	0	0	4
23	6	0	0	0	0	0	0	0	0	0	0	0	0	6
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		-	-	-	-	-	-	•	-	-	-	-		
7-19	163	20	0	0	1	0	0	0	0	0	0	1	0	185
6-22	182	22	0	0	1	0	0	0	0	0	0	1	0	206
6-24	188	22	0	0	1	0	0	0	0	0	0	1	0	212
0-24	192	23	0	0	1	0	0	0	0	0	0	1	0	217

LOCATION: SITE 2

Direction: WESTBOUND

Saturday 14/07/2018					٧	ÆHICLE SI	PEED (MPH	H)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	1	1	1	0	1	0	0	0	0	0	0	4
2	0	0	1	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	1	0	0	0	0	0	0	0	0	0	1
7	0	0	1	0	1	0	0	0	0	0	0	0	2
8	0	1	1	2	1	0	0	0	0	0	0	0	5
9	0	3	5	1	1	2	0	0	0	0	0	0	12
10	1	5	5	1	0	0	0	0	0	0	0	0	12
11	0	2	9	3	5	0	0	0	0	0	0	0	19
12	3	5	4	8	2	1	0	0	0	0	0	0	23
13	0	2	14	5	3	2	0	0	0	0	0	0	26
14	0	5	6	3	0	0	0	0	0	0	0	0	14
15	0	3	7	7	2	0	0	0	0	0	0	0	19
16	0	1	7	2	2	1	0	0	0	0	0	0	13
17	0	1	11	3	0	1	0	0	0	0	0	0	16
18	0	1	7	0	6	0	1	0	0	0	0	0	15
19	0	2	2	9	1	0	0	0	0	0	0	0	14
20	0	0	7	7	0	0	0	0	0	0	0	0	14
21	0	0	2	3	2	1	0	0	0	0	0	0	8
22	0	1	2	2	1	0	0	0	0	0	0	0	6
23	0	0	1	2	0	0	0	0	0	0	0	0	3
24	1	1	1	3	1	0	0	0	0	0	0	0	7
7-19	4	31	78	44	23	7	1	0	0	0	0	0	188
6-22	4	32	90	56	27	8	1	0	0	0	0	0	218
6-24	5	33	92	61	28	8	1	0	0	0	0	0	228
0-24	5	34	95	62	28	9	1	0	0	0	0	0	234

Saturday 14/07/2018					١	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	1	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	0	0	0	0	0	1
6	0	1	2	0	0	0	0	0	0	0	0	0	3
7	0	1	2	0	0	0	0	0	0	0	0	0	3
8	0	2	2	2	3	1	0	0	0	0	0	0	10
9	0	4	3	2	3	1	0	0	0	0	0	0	13
10	1	9	4	4	2	1	0	0	0	0	0	0	21
11	0	9	2	7	4	0	0	0	0	0	0	0	22
12	0	7	1	9	1	3	0	0	0	0	0	0	21
13	0	2	5	6	7	1	0	0	0	0	0	0	21
14	0	3	2	2	3	0	0	0	0	0	0	0	10
15	0	8	3	3	1	0	0	0	0	0	0	0	15
16	0	5	2	9	3	0	0	0	0	0	0	0	19
17	0	3	8	0	0	0	0	0	0	0	0	0	11
18	0	0	2	3	4	0	0	0	0	0	0	0	9
19	0	4	5	2	2	0	0	0	0	0	0	0	13
20	0	2	3	5	1	0	0	0	0	0	0	0	11
21	0	1	0	2	0	0	0	0	0	0	0	0	3
22	0	2	1	1	0	0	0	0	0	0	0	0	4
23	0	2	1	2	1	0	0	0	0	0	0	0	6
24	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	1	56	39	49	33	7	0	0	0	0	0	0	185
6-22	1	62	45	57	34	7	0	0	0	0	0	0	206
6-24	1	64	46	59	35	7	0	0	0	0	0	0	212
0-24	1	66	48	59	36	7	0	0	0	0	0	0	217

LOCATION: SITE 2

Direction: WESTBOUND

Sunday 15/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	2	0	0	0	0	0	0	0	0	0	0	0	0	2
7	2	0	0	0	0	0	0	0	0	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	2	1	0	0	0	0	0	0	0	0	0	0	0	3
10	11	0	0	0	0	0	0	0	0	0	0	0	0	11
11	6	2	0	0	0	0	0	0	0	0	0	0	0	8
12	18	5	0	0	0	0	0	0	0	0	0	0	0	23
13	6	2	0	0	0	0	0	0	1	0	0	0	0	9
14	15	2	0	0	0	0	0	0	0	0	0	1	0	18
15	14	5	0	0	0	0	0	0	0	0	0	0	0	19
16	13	1	0	0	0	0	0	0	0	0	0	0	0	14
17	16	2	0	0	0	0	0	0	0	0	0	0	0	18
18	13	1	0	0	0	0	0	0	0	0	0	0	0	14
19	9	1	0	1	0	0	0	0	0	0	0	0	0	11
20	12	2	0	0	0	0	0	0	0	0	0	0	0	14
21	5	0	0	0	0	0	0	0	0	0	0	0	0	5
22	4	1	0	0	0	0	0	0	0	0	0	0	0	5
23	2	0	0	0	0	0	0	0	0	0	0	0	0	2
24	2	0	0	0	0	0	0	0	0	0	0	0	0	2
7-19	123	22	0	1	0	0	0	0	1	0	0	1	0	148
6-22	146	25	0	1	0	0	0	0	1	0	0	1	0	174
6-24	150	25	0	1	0	0	0	0	1	0	0	1	0	178
0-24	153	25	0	1	0	0	0	0	1	0	0	1	0	181

Sunday						VEHICLE	CLASSIF	ICATION						TOTAL
15/07/2018 Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4	2	0	0	0	0	0	0	0	0	0	0	0	0	2
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	2	0	0	0	0	0	0	0	0	0	0	0	0	2
8	4	1	0	0	0	0	0	0	0	0	0	1	0	6
9	11	0	0	0	0	0	0	0	0	0	0	0	0	11
10	7	1	0	0	1	0	0	0	0	0	0	0	0	9
11	11	1	0	0	0	0	0	0	0	0	0	0	0	12
12	13	1	0	0	0	0	0	0	0	0	0	0	0	14
13	12	0	0	0	0	0	0	0	0	0	0	0	0	12
14	21	2	0	0	0	0	0	0	0	0	0	0	0	23
15	9	1	0	0	0	0	0	0	0	0	0	0	0	10
16	12	0	0	1	0	0	0	0	0	0	0	0	0	13
17	18	2	0	0	0	0	0	0	0	0	0	0	0	20
18	12	0	0	0	1	0	0	0	0	0	0	0	0	13
19	15	1	0	0	0	0	0	0	0	0	0	0	0	16
20	7	0	0	0	0	0	0	0	0	0	0	0	0	7
21	3	0	0	0	0	0	0	0	0	0	0	0	0	3
22	3	0	0	0	0	0	0	0	0	0	0	0	0	3
23	2	0	0	0	0	0	0	0	0	0	0	0	0	2
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
					_	_	_			_	_			
7-19	145	10	0	1	2	0	0	0	0	0	0	1	0	159
6-22	160	10	0	1	2	0	0	0	0	0	0	1	0	174
6-24	163	10	0	1	2	0	0	0	0	0	0	1	0	177
0-24	167	11	0	1	2	0	0	0	0	0	0	1	0	182

LOCATION: SITE 2

Direction: WESTBOUND

Sunday 15/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	1	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	1	1	0	0	0	0	0	0	0	2
7	0	1	0	1	0	0	0	0	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	1	2	0	0	0	0	0	0	0	0	3
10	0	3	6	1	1	0	0	0	0	0	0	0	11
11	0	4	2	1	1	0	0	0	0	0	0	0	8
12	0	11	6	3	2	1	0	0	0	0	0	0	23
13	0	1	3	4	1	0	0	0	0	0	0	0	9
14	0	4	8	4	2	0	0	0	0	0	0	0	18
15	0	3	8	7	1	0	0	0	0	0	0	0	19
16	0	4	7	2	1	0	0	0	0	0	0	0	14
17	1	5	7	2	3	0	0	0	0	0	0	0	18
18	1	4	4	3	1	1	0	0	0	0	0	0	14
19	0	7	2	1	1	0	0	0	0	0	0	0	11
20	0	2	8	1	1	1	1	0	0	0	0	0	14
21	0	2	1	2	0	0	0	0	0	0	0	0	5
22	0	1	2	0	2	0	0	0	0	0	0	0	5
23	0	0	1	0	1	0	0	0	0	0	0	0	2
24	0	0	0	1	0	1	0	0	0	0	0	0	2
						T							
7-19	2	46	54	30	14	2	0	0	0	0	0	0	148
6-22	2	52	65	34	17	3	1	0	0	0	0	0	174
6-24	2	52	66	35	18	4	1	0	0	0	0	0	178
0-24	2	52	66	37	19	4	1	0	0	0	0	0	181

Sunday 15/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	1	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	1	0	0	0	0	0	1
4	0	1	0	1	0	0	0	0	0	0	0	0	2
5	0	0	0	0	1	0	0	0	0	0	0	0	1
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	0	1	0	0	0	0	0	0	0	2
8	0	1	3	1	1	0	0	0	0	0	0	0	6
9	0	3	3	2	3	0	0	0	0	0	0	0	11
10	0	2	4	2	1	0	0	0	0	0	0	0	9
11	0	5	5	2	0	0	0	0	0	0	0	0	12
12	0	7	2	3	1	1	0	0	0	0	0	0	14
13	0	7	1	2	2	0	0	0	0	0	0	0	12
14	0	8	9	1	5	0	0	0	0	0	0	0	23
15	1	2	4	3	0	0	0	0	0	0	0	0	10
16	0	5	7	0	1	0	0	0	0	0	0	0	13
17	1	7	5	5	2	0	0	0	0	0	0	0	20
18	0	2	3	4	3	1	0	0	0	0	0	0	13
19	0	6	3	4	2	0	0	1	0	0	0	0	16
20	0	2	2	2	0	1	0	0	0	0	0	0	7
21	0	0	1	1	1	0	0	0	0	0	0	0	3
22	0	1	1	0	0	1	0	0	0	0	0	0	3
23	0	1	0	1	0	0	0	0	0	0	0	0	2
24	0	0	0	1	0	0	0	0	0	0	0	0	1
7-19	2	55	49	29	21	2	0	1	0	0	0	0	159
6-22	2	58	54	32	23	4	0	1	0	0	0	0	174
6-24	2	59	54	34	23	4	0	1	0	0	0	0	177
0-24	2	60	54	35	24	4	2	1	0	0	0	0	182

LOCATION: SITE 2

Direction: WESTBOUND

Monday 16/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	1	0	0	0	0	0	0	0	0	0	0	0	1
5	2	1	0	0	0	0	0	0	0	0	0	0	0	3
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	1	1	0	0	0	0	0	0	0	0	0	0	0	2
8	24	5	1	0	0	0	0	0	0	0	0	1	0	31
9	11	5	0	0	0	0	0	0	0	0	0	0	0	16
10	17	3	0	0	1	0	0	0	0	0	1	0	0	22
11	11	0	0	1	0	0	0	0	0	0	0	0	0	12
12	16	3	0	0	1	0	0	0	0	0	0	0	0	20
13	9	2	0	0	0	0	0	0	1	0	0	1	0	13
14	11	3	0	0	0	0	0	0	0	0	0	0	0	14
15	14	3	0	0	0	0	0	0	0	0	0	0	0	17
16	16	5	1	0	0	0	0	0	0	0	1	1	0	24
17	18	2	0	1	0	0	0	0	0	0	0	0	0	21
18	19	6	0	0	0	0	0	0	0	0	0	0	0	25
19	14	3	0	0	0	0	0	0	0	0	0	0	0	17
20	15	3	0	0	0	0	0	0	0	0	0	0	0	18
21	8	2	0	0	0	0	0	0	0	0	0	0	0	10
22	7	1	0	0	0	0	0	0	0	0	0	0	0	8
23	8	0	0	0	0	0	1	0	0	0	0	0	0	9
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7-19	180	40	2	2	2	0	0	0	1	0	2	3	0	232
6-22	211	47	2	2	2	0	0	0	1	0	2	3	0	270
6-24	220	47	2	2	2	0	1	0	1	0	2	3	0	280
0-24	222	49	2	2	2	0	1	0	1	0	2	3	0	284

Monday						VEHICLE	CLASSIF	ICATION						
16/07/2018						VEITIOE	- 01 10011							TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	11	0	0	0	0	0	0	0	0	0	0	0	0	11
6	12	1	0	0	0	0	0	0	0	0	0	0	0	13
7	4	2	0	0	0	0	0	0	0	0	0	0	0	6
8	19	2	0	0	0	0	0	0	0	0	0	0	0	21
9	25	7	0	0	0	0	0	0	0	0	0	0	0	32
10	10	4	0	0	1	0	0	0	0	0	0	0	0	15
11	13	3	1	0	1	0	0	0	0	0	0	0	0	18
12	10	3	0	0	0	0	0	0	1	0	0	0	0	14
13	11	2	1	0	0	0	0	2	0	0	0	0	0	16
14	14	2	0	0	0	0	0	0	0	0	0	1	0	17
15	21	2	0	0	0	0	0	0	0	0	0	0	0	23
16	19	5	0	0	0	0	0	0	0	0	0	0	0	24
17	14	3	0	0	0	0	0	0	1	0	0	0	0	18
18	12	5	0	0	0	0	0	0	0	0	0	0	0	17
19	17	4	0	0	0	0	0	0	0	0	0	0	0	21
20	5	0	0	0	0	0	0	0	0	0	0	0	0	5
21	7	2	0	0	0	0	0	0	0	0	0	0	0	9
22	4	0	0	0	0	0	0	0	0	0	0	0	0	4
23	4	1	0	0	0	0	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	185	42	2	0	2	0	0	2	2	0	0	1	0	236
6-22	205	46	2	0	2	0	0	2	2	0	0	1	0	260
6-24	209	47	2	0	2	0	0	2	2	0	0	1	0	265
0-24	232	48	2	0	2	0	0	2	2	0	0	1	0	289

LOCATION: SITE 2

Direction: WESTBOUND

Monday 16/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	1	0	0	0	0	0	0	0	0	0	1
5	0	1	2	0	0	0	0	0	0	0	0	0	3
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	1	1	0	0	0	0	0	0	0	0	2
8	1	18	7	5	0	0	0	0	0	0	0	0	31
9	0	3	6	3	4	0	0	0	0	0	0	0	16
10	0	5	11	2	3	0	1	0	0	0	0	0	22
11	0	4	5	2	1	0	0	0	0	0	0	0	12
12	0	1	7	9	2	1	0	0	0	0	0	0	20
13	1	4	6	2	0	0	0	0	0	0	0	0	13
14	0	2	7	3	2	0	0	0	0	0	0	0	14
15	1	7	6	2	1	0	0	0	0	0	0	0	17
16	1	6	11	5	1	0	0	0	0	0	0	0	24
17	0	4	5	11	1	0	0	0	0	0	0	0	21
18	1	8	7	6	3	0	0	0	0	0	0	0	25
19	0	1	8	3	4	1	0	0	0	0	0	0	17
20	1	1	7	5	4	0	0	0	0	0	0	0	18
21	0	3	2	3	2	0	0	0	0	0	0	0	10
22	0	1	4	1	2	0	0	0	0	0	0	0	8
23	0	2	1	5	1	0	0	0	0	0	0	0	9
24	0	0	0	1	0	0	0	0	0	0	0	0	1
7.40	_	00	00	F0	00		4			0	^		000
7-19	5	63	86	53	22	2	1	0	0	0	0	0	232
6-22	6	68	100	63	30	2	1	0	0	0	0	0	270
6-24	6	70	101	69	31	2	1	0	0	0	0	0	280
0-24	6	71	104	69	31	2	1	0	0	0	0	0	284

Monday 16/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	5	4	1	1	0	0	0	0	0	0	0	11
6	0	3	2	6	2	0	0	0	0	0	0	0	13
7	0	2	2	0	1	1	0	0	0	0	0	0	6
8	0	8	2	3	4	4	0	0	0	0	0	0	21
9	0	12	3	10	7	0	0	0	0	0	0	0	32
10	0	4	6	2	2	1	0	0	0	0	0	0	15
11	0	6	6	4	2	0	0	0	0	0	0	0	18
12	1	7	5	0	1	0	0	0	0	0	0	0	14
13	0	8	3	2	3	0	0	0	0	0	0	0	16
14	0	6	8	1	2	0	0	0	0	0	0	0	17
15	0	6	4	6	6	1	0	0	0	0	0	0	23
16	0	14	4	4	2	0	0	0	0	0	0	0	24
17	1	7	3	5	2	0	0	0	0	0	0	0	18
18	1	4	3	4	5	0	0	0	0	0	0	0	17
19	0	8	10	2	1	0	0	0	0	0	0	0	21
20	0	3	0	2	0	0	0	0	0	0	0	0	5
21	0	2	3	3	1	0	0	0	0	0	0	0	9
22	0	2	1	1	0	0	0	0	0	0	0	0	4
23	0	1	3	0	1	0	0	0	0	0	0	0	5
24	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	3	90	57	43	37	6	0	0	0	0	0	0	236
6-22	3	99	63	49	39	7	0	0	0	0	0	0	260
6-24	3	100	66	49	40	7	0	0	0	0	0	0	265
0-24	3	108	72	56	43	7	0	0	0	0	0	0	289

LOCATION: SITE 2

Direction: WESTBOUND

Tuesday 17/07/2018						VEHICLE	ECLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	1	1	0	0	0	0	0	0	0	0	0	0	0	2
7	10	0	0	0	0	0	0	0	0	0	0	0	0	10
8	5	2	1	0	1	0	0	0	0	0	0	1	0	10
9	14	3	0	0	0	0	0	0	0	0	0	0	0	17
10	7	8	0	0	0	0	0	0	0	0	0	1	0	16
11	13	6	0	0	0	0	0	0	0	0	0	0	0	19
12	11	3	0	0	0	0	0	0	0	0	0	1	0	15
13	12	5	0	0	0	0	0	0	0	0	0	0	0	17
14	8	6	0	0	1	0	0	0	0	0	0	1	0	16
15	13	6	0	1	0	0	0	0	0	0	0	0	0	20
16	13	3	0	0	1	0	0	0	0	0	0	0	0	17
17	14	2	0	0	0	0	0	0	0	0	0	2	0	18
18	22	5	1	0	0	0	0	0	0	0	1	0	0	29
19	19	7	0	0	0	0	0	0	0	0	0	0	0	26
20	13	1	0	0	0	0	0	0	0	0	0	0	0	14
21	11	1	0	0	0	0	0	0	0	0	0	0	0	12
22	5	1	0	0	0	0	0	0	0	0	0	0	0	6
23	3	0	0	0	0	0	0	0	0	0	0	0	0	3
24	2	0	0	0	0	0	0	0	0	0	0	0	0	2
7-19	151	56	2	1	3	0	0	0	0	0	1	6	0	220
6-22	190	59	2	1	3	0	0	0	0	0	1	6	0	262
6-24	195	59	2	1	3	0	0	0	0	0	1	6	0	267
0-24	197	60	2	1	3	0	0	0	0	0	1	6	0	270

Tuesday 17/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	0	0	0	0	0	0	1
6	12	1	0	0	0	0	0	0	0	0	0	0	0	13
7	10	3	0	0	0	0	0	0	0	0	0	0	0	13
8	17	2	0	0	0	0	0	0	0	0	0	0	0	19
9	31	4	0	0	1	0	0	0	0	0	0	0	0	36
10	12	1	0	0	0	0	0	0	0	0	0	0	0	13
11	13	5	0	0	0	0	0	0	0	0	0	0	0	18
12	11	2	0	0	0	0	0	0	0	0	0	0	0	13
13	9	5	0	0	1	0	0	0	0	0	1	0	0	16
14	9	3	0	0	0	0	0	0	0	0	0	0	0	12
15	15	5	0	1	1	0	0	0	0	0	0	1	0	23
16	14	1	0	0	0	0	0	0	0	0	0	1	0	16
17	10	4	0	0	0	0	0	0	0	0	0	0	0	14
18	11	6	0	0	1	0	0	0	0	0	0	0	0	18
19	16	1	0	0	0	0	0	0	0	0	0	0	0	17
20	12	2	0	0	0	0	0	0	0	0	0	0	0	14
21	5	1	0	0	0	0	0	0	0	0	0	0	0	6
22	10	1	0	0	0	0	0	0	0	0	0	0	0	11
23	2	2	0	0	0	0	0	0	0	0	0	0	0	4
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
									_			_		
7-19	168	39	0	1	4	0	0	0	0	0	1	2	0	215
6-22	205	46	0	1	4	0	0	0	0	0	1	2	0	259
6-24	208	48	0	1	4	0	0	0	0	0	1	2	0	264
0-24	220	50	0	1	4	0	0	0	0	0	1	2	0	278

LOCATION: SITE 2

Direction: WESTBOUND

Tuesday 17/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	0	0	0	0	0	1
6	0	1	1	0	0	0	0	0	0	0	0	0	2
7	0	2	6	2	0	0	0	0	0	0	0	0	10
8	0	2	4	2	2	0	0	0	0	0	0	0	10
9	0	3	8	4	1	1	0	0	0	0	0	0	17
10	0	2	9	4	1	0	0	0	0	0	0	0	16
11	0	5	12	1	1	0	0	0	0	0	0	0	19
12	0	5	7	3	0	0	0	0	0	0	0	0	15
13	0	0	13	2	2	0	0	0	0	0	0	0	17
14	0	5	6	4	1	0	0	0	0	0	0	0	16
15	0	11	5	2	2	0	0	0	0	0	0	0	20
16	0	8	4	3	2	0	0	0	0	0	0	0	17
17	0	4	6	6	2	0	0	0	0	0	0	0	18
18	0	8	12	6	2	1	0	0	0	0	0	0	29
19	0	5	6	10	5	0	0	0	0	0	0	0	26
20	0	3	7	2	2	0	0	0	0	0	0	0	14
21	0	2	4	5	1	0	0	0	0	0	0	0	12
22	0	2	1	2	1	0	0	0	0	0	0	0	6
23	0	0	1	1	0	0	1	0	0	0	0	0	3
24	0	2	0	0	0	0	0	0	0	0	0	0	2
7-19	0	58	92	47	21	2	0	0	0	0	0	0	220
6-22	0	67	110	58	25	2	0	0	0	0	0	0	262
6-24	0	69	111	59	25	2	1	0	0	0	0	0	267
0-24	0	71	112	59	25	2	1	0	0	0	0	0	270

Tuesday 17/07/2018					١	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	1	0	0	0	0	0	0	0	0	1
6	0	2	2	8	1	0	0	0	0	0	0	0	13
7	0	1	3	7	2	0	0	0	0	0	0	0	13
8	0	6	3	3	5	1	1	0	0	0	0	0	19
9	0	9	12	7	7	1	0	0	0	0	0	0	36
10	0	4	4	3	2	0	0	0	0	0	0	0	13
11	0	8	5	3	2	0	0	0	0	0	0	0	18
12	0	3	7	3	0	0	0	0	0	0	0	0	13
13	0	6	3	4	2	1	0	0	0	0	0	0	16
14	0	4	3	3	1	1	0	0	0	0	0	0	12
15	1	11	7	2	2	0	0	0	0	0	0	0	23
16	0	6	3	5	2	0	0	0	0	0	0	0	16
17	1	3	6	3	1	0	0	0	0	0	0	0	14
18	0	6	4	4	2	2	0	0	0	0	0	0	18
19	0	7	5	4	1	0	0	0	0	0	0	0	17
20	0	5	5	3	1	0	0	0	0	0	0	0	14
21	0	1	3	1	1	0	0	0	0	0	0	0	6
22	0	5	4	2	0	0	0	0	0	0	0	0	11
23	0	1	1	1	1	0	0	0	0	0	0	0	4
24	0	1	0	0	0	0	0	0	0	0	0	0	1
7-19	2	73	62	44	27	6	1	0	0	0	0	0	215
6-22	2	85	77	57	31	6	1	0	0	0	0	0	259
6-24	2	87	78	58	32	6	1	0	0	0	0	0	264
0-24	2	89	80	67	33	6	1	0	0	0	0	0	278

LOCATION: SITE 2

Direction: WESTBOUND

Wednesday 18/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	1	0	0	0	0	0	0	0	0	0	0	0	1
4	3	0	0	0	0	0	0	0	0	0	0	0	0	3
5	3	0	0	0	0	0	0	0	0	0	0	0	0	3
6	2	1	0	0	0	0	0	0	0	0	0	0	0	3
7	3	0	0	0	0	0	0	0	0	0	0	0	0	3
8	9	3	0	0	0	0	0	0	0	0	0	1	0	13
9	12	4	0	0	0	0	0	0	0	0	0	0	0	16
10	9	2	0	0	0	0	0	0	0	0	0	0	0	11
11	9	3	0	0	0	0	0	0	0	0	0	0	0	12
12	7	3	0	0	0	0	0	0	0	0	0	0	0	10
13	14	4	0	0	1	0	0	0	0	0	0	0	0	19
14	15	3	0	0	0	0	0	0	0	0	0	1	0	19
15	15	7	1	0	0	0	0	0	0	0	0	0	0	23
16	22	3	0	0	0	0	0	0	0	0	0	1	0	26
17	14	2	0	0	0	0	0	1	0	0	0	1	0	18
18	15	5	0	0	0	0	0	0	0	0	0	1	0	21
19	15	5	0	0	0	0	0	0	0	0	0	0	0	20
20	19	2	0	0	0	0	0	0	0	0	0	0	0	21
21	4	1	0	0	0	0	0	0	0	0	0	0	0	5
22	4	3	0	0	0	0	0	0	0	0	0	0	0	7
23	8	0	0	0	0	0	0	0	0	0	0	0	0	8
24	1	1	0	0	0	0	0	0	0	0	0	0	0	2
		,												
7-19	156	44	1	0	1	0	0	1	0	0	0	5	0	208
6-22	186	50	1	0	1	0	0	1	0	0	0	5	0	244
6-24	195	51	1	0	1	0	0	1	0	0	0	5	0	254
0-24	204	53	1	0	1	0	0	1	0	0	0	5	0	265

Wednesday 18/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	101712
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	1	1	0	0	0	0	0	0	0	0	0	0	0	2
6	14	2	0	0	0	0	0	1	0	0	0	0	0	17
7	8	3	0	0	0	0	0	0	0	0	0	0	0	11
8	14	4	0	0	0	0	0	0	0	0	0	0	0	18
9	22	5	0	0	0	0	0	0	0	0	0	0	0	27
10	16	2	0	0	0	0	0	0	0	0	0	0	0	18
11	14	4	0	0	1	0	0	0	0	0	0	0	0	19
12	12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	13	3	0	0	0	0	0	0	0	0	0	0	0	16
14	9	4	0	0	0	0	0	0	0	0	0	0	0	13
15	8	2	0	0	0	0	0	0	0	0	0	0	0	10
16	13	3	0	0	0	0	0	0	0	0	0	1	0	17
17	10	6	0	0	1	0	0	0	0	0	0	1	0	18
18	9	3	0	0	0	0	0	0	0	0	0	0	0	12
19	12	4	0	0	0	0	0	0	0	0	0	0	0	16
20	9	2	0	0	0	0	0	0	0	0	0	0	0	11
21	3	0	0	0	0	0	0	0	0	0	0	0	0	3
22	2	0	0	0	0	0	0	0	0	0	0	0	0	2
23	2	1	0	0	0	0	0	0	0	0	0	0	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
						•			•	-		•	-	
7-19	152	40	0	0	2	0	0	0	0	0	0	2	0	196
6-22	174	45	0	0	2	0	0	0	0	0	0	2	0	223
6-24	176	46	0	0	2	0	0	0	0	0	0	2	0	226
0-24	196	49	0	0	2	0	0	1	0	0	0	2	0	250

LOCATION: SITE 2

Direction: WESTBOUND

Wednesday 18/07/2018					٧	ÆHICLE SI	PEED (MPH	I)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	1	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	1	1	1	0	0	0	0	0	3
5	0	1	1	0	1	0	0	0	0	0	0	0	3
6	1	2	0	0	0	0	0	0	0	0	0	0	3
7	0	0	1	2	0	0	0	0	0	0	0	0	3
8	0	5	4	2	2	0	0	0	0	0	0	0	13
9	0	2	8	1	5	0	0	0	0	0	0	0	16
10	1	0	5	3	2	0	0	0	0	0	0	0	11
11	0	2	5	5	0	0	0	0	0	0	0	0	12
12	0	2	5	2	1	0	0	0	0	0	0	0	10
13	0	6	9	3	1	0	0	0	0	0	0	0	19
14	2	8	6	2	0	0	1	0	0	0	0	0	19
15	0	5	10	5	3	0	0	0	0	0	0	0	23
16	3	8	11	3	1	0	0	0	0	0	0	0	26
17	0	3	9	2	3	1	0	0	0	0	0	0	18
18	1	4	11	3	1	1	0	0	0	0	0	0	21
19	0	2	11	5	1	1	0	0	0	0	0	0	20
20	0	2	10	7	2	0	0	0	0	0	0	0	21
21	0	1	2	1	0	1	0	0	0	0	0	0	5
22	0	2	4	0	0	0	1	0	0	0	0	0	7
23	0	3	0	4	1	0	0	0	0	0	0	0	8
24	0	0	0	1	0	1	0	0	0	0	0	0	2
								T					
7-19	7	47	94	36	20	3	1	0	0	0	0	0	208
6-22	7	52	111	46	22	4	2	0	0	0	0	0	244
6-24	7	55	111	51	23	5	2	0	0	0	0	0	254
0-24	8	58	113	52	25	6	3	0	0	0	0	0	265

Wednesday 18/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	4	0	0	0	0	0	0	0	0	4
5	0	0	0	0	2	0	0	0	0	0	0	0	2
6	1	4	9	3	0	0	0	0	0	0	0	0	17
7	0	3	3	3	1	0	1	0	0	0	0	0	11
8	0	5	3	3	4	1	2	0	0	0	0	0	18
9	0	7	8	6	3	3	0	0	0	0	0	0	27
10	1	3	4	6	3	1	0	0	0	0	0	0	18
11	0	7	8	2	2	0	0	0	0	0	0	0	19
12	0	7	2	0	1	2	0	0	0	0	0	0	12
13	0	8	5	2	0	1	0	0	0	0	0	0	16
14	0	7	3	0	2	1	0	0	0	0	0	0	13
15	1	4	1	3	0	1	0	0	0	0	0	0	10
16	0	8	6	3	0	0	0	0	0	0	0	0	17
17	0	7	7	1	2	1	0	0	0	0	0	0	18
18	0	4	6	1	0	0	1	0	0	0	0	0	12
19	1	7	1	5	2	0	0	0	0	0	0	0	16
20	0	3	4	0	2	2	0	0	0	0	0	0	11
21	1	0	0	1	0	1	0	0	0	0	0	0	3
22	1	1	0	0	0	0	0	0	0	0	0	0	2
23	0	1	0	1	1	0	0	0	0	0	0	0	3
24	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19	3	74	54	32	19	11	3	0	0	0	0	0	196
6-22	5	81	61	36	22	14	4	0	0	0	0	0	223
6-24	5	82	61	37	23	14	4	0	0	0	0	0	226
0-24	6	86	70	44	25	15	4	0	0	0	0	0	250

LOCATION: SITE 2

Direction: WESTBOUND

Thursday 19/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	3	0	0	0	0	0	0	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6	0	1	0	0	0	0	0	0	0	0	0	0	0	1
7	3	2	0	0	0	0	0	0	0	0	0	0	0	5
8	14	5	0	0	0	0	0	0	0	0	0	0	0	19
9	13	7	0	0	0	0	0	0	0	0	0	1	0	21
10	11	0	0	0	0	0	0	0	0	0	0	0	0	11
11	14	7	0	1	0	0	0	0	0	0	0	0	0	22
12	13	2	0	1	0	0	0	0	0	0	0	0	0	16
13	12	2	0	1	0	0	0	0	0	0	0	0	0	15
14	13	6	0	2	0	0	0	0	0	0	0	0	0	21
15	23	1	0	0	0	0	0	0	0	0	0	0	0	24
16	22	2	1	0	0	0	0	0	0	0	0	1	0	26
17	21	4	0	0	0	0	0	0	0	0	0	0	0	25
18	20	7	0	0	0	0	0	0	0	0	0	0	0	27
19	18	7	0	0	0	0	0	0	0	0	0	0	0	25
20	13	6	0	0	0	0	0	0	0	0	0	0	0	19
21	8	1	0	0	0	0	0	0	0	0	0	0	0	9
22	8	2	0	0	0	0	0	0	0	0	0	0	0	10
23	5	1	0	0	0	0	0	0	0	0	0	0	0	6
24	5	0	0	0	0	0	0	0	0	0	0	0	0	5
		,						,						
7-19	194	50	1	5	0	0	0	0	0	0	0	2	0	252
6-22	226	61	1	5	0	0	0	0	0	0	0	2	0	295
6-24	236	62	1	5	0	0	0	0	0	0	0	2	0	306
0-24	240	63	1	5	0	0	0	0	0	0	0	2	0	311

Thursday 19/07/2018						VEHICLE	CLASSIF	ICATION						TOTAL
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	4	2	0	0	0	0	0	0	0	0	0	0	0	6
6	9	0	0	0	0	0	0	0	0	0	0	0	0	9
7	11	3	0	1	0	0	0	0	0	0	0	0	0	15
8	18	3	0	0	0	0	0	0	0	0	0	0	0	21
9	34	0	0	0	0	0	0	0	0	0	0	0	0	34
10	21	3	0	0	0	0	0	0	0	0	0	0	0	24
11	21	0	0	0	0	0	0	0	0	0	0	0	0	21
12	13	3	1	0	0	0	0	0	0	0	0	0	0	17
13	15	1	0	0	0	0	0	0	0	0	0	0	0	16
14	8	1	1	0	0	0	0	0	0	0	0	0	0	10
15	15	4	1	0	0	0	0	0	0	0	0	0	0	20
16	13	2	0	0	0	0	0	0	0	0	0	1	0	16
17	15	3	0	0	0	0	0	0	0	0	0	0	0	18
18	16	5	0	0	0	0	0	0	0	0	0	0	0	21
19	18	2	0	0	0	0	0	0	0	0	0	0	0	20
20	15	1	0	0	0	0	0	0	0	0	0	0	0	16
21	6	0	0	0	1	0	0	0	0	0	0	0	0	7
22	8	2	0	0	0	0	0	0	0	0	0	0	0	10
23	0	1	0	0	0	0	0	0	0	0	0	0	0	1
24	1	0	0	0	0	0	0	0	0	0	0	0	0	1
7-19	207	27	3	0	0	0	0	0	0	0	0	1	0	238
6-22	247	33	3	1	1	0	0	0	0	0	0	1	0	286
6-24	248	34	3	1	1	0	0	0	0	0	0	1	0	288
0-24	261	36	3	1	1	0	0	0	0	0	0	1	0	303

LOCATION: SITE 2

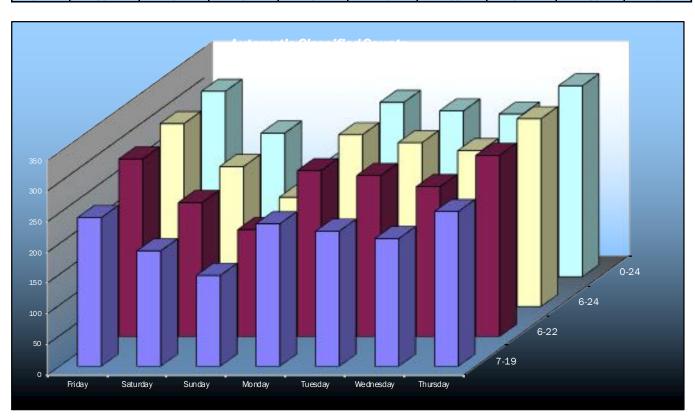
Direction: WESTBOUND

Thursday 19/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	1	1	0	1	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	0	0	0	0	0	0	1
6	0	0	1	0	0	0	0	0	0	0	0	0	1
7	0	1	1	3	0	0	0	0	0	0	0	0	5
8	1	3	4	8	3	0	0	0	0	0	0	0	19
9	0	3	10	5	3	0	0	0	0	0	0	0	21
10	0	3	4	2	2	0	0	0	0	0	0	0	11
11	0	8	10	1	2	1	0	0	0	0	0	0	22
12	0	4	6	3	1	2	0	0	0	0	0	0	16
13	0	1	4	7	3	0	0	0	0	0	0	0	15
14	0	6	12	2	1	0	0	0	0	0	0	0	21
15	1	4	15	3	1	0	0	0	0	0	0	0	24
16	2	13	5	4	2	0	0	0	0	0	0	0	26
17	1	5	7	5	4	2	1	0	0	0	0	0	25
18	0	8	11	5	3	0	0	0	0	0	0	0	27
19	0	8	13	3	1	0	0	0	0	0	0	0	25
20	0	0	13	5	1	0	0	0	0	0	0	0	19
21	0	3	4	1	0	1	0	0	0	0	0	0	9
22	0	2	4	0	3	1	0	0	0	0	0	0	10
23	0	1	0	3	2	0	0	0	0	0	0	0	6
24	0	1	1	1	0	2	0	0	0	0	0	0	5
7-19	5	66	101	48	26	5	1	0	0	0	0	0	252
6-22	5	72	123	57	30	7	1	0	0	0	0	0	295
6-24	5	74	124	61	32	9	1	0	0	0	0	0	306
0-24	5	75	126	62	32	10	1	0	0	0	0	0	311

Thursday 19/07/2018					٧	ÆHICLE SI	PEED (MPH	l)					TOTAL
Hr Ending	0-10	11-20	21-30	31-35	36-40	41-45	46-50	51-55	56-60	61-70	71-80	81-120	
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	4	1	1	0	0	0	0	0	0	0	6
6	3	2	2	1	0	1	0	0	0	0	0	0	9
7	0	6	4	2	2	1	0	0	0	0	0	0	15
8	0	6	4	5	4	2	0	0	0	0	0	0	21
9	0	13	5	10	4	2	0	0	0	0	0	0	34
10	1	10	4	7	2	0	0	0	0	0	0	0	24
11	0	8	5	4	4	0	0	0	0	0	0	0	21
12	0	5	6	4	2	0	0	0	0	0	0	0	17
13	0	4	7	2	2	1	0	0	0	0	0	0	16
14	0	3	2	2	3	0	0	0	0	0	0	0	10
15	2	8	4	0	4	2	0	0	0	0	0	0	20
16	0	6	5	3	2	0	0	0	0	0	0	0	16
17	1	7	3	1	4	2	0	0	0	0	0	0	18
18	0	6	7	3	4	1	0	0	0	0	0	0	21
19	0	10	1	4	5	0	0	0	0	0	0	0	20
20	0	4	4	3	5	0	0	0	0	0	0	0	16
21	0	3	2	2	0	0	0	0	0	0	0	0	7
22	0	8	1	1	0	0	0	0	0	0	0	0	10
23	0	0	0	0	1	0	0	0	0	0	0	0	1
24	0	1	0	0	0	0	0	0	0	0	0	0	1
7-19	4	86	53	45	40	10	0	0	0	0	0	0	238
6-22	4	107	64	53	47	11	0	0	0	0	0	0	286
6-24	4	108	64	53	48	11	0	0	0	0	0	0	288
0-24	7	110	70	55	49	12	0	0	0	0	0	0	303

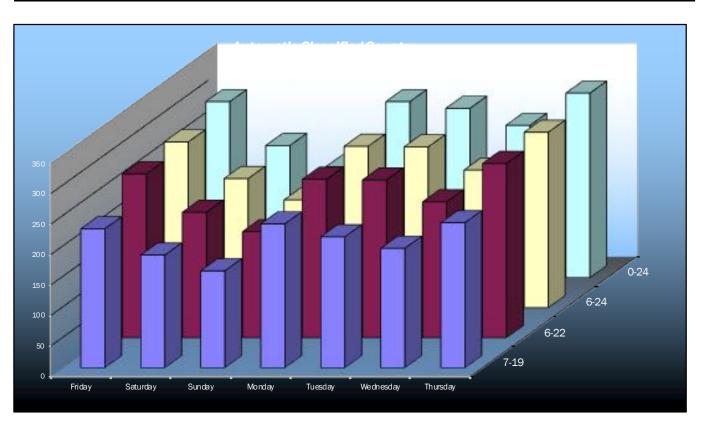
LOCATION: SITE 2

				VEHICL	E FLOWS				
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18	WEEKDAY AVERAGE	WEEK AVERAGE
1	0	4	0	0	0	1	3	1	1
2	1	1	0	0	0	0	0	0	0
3	1	0	0	0	0	1	0	0	0
4	1	0	1	1	0	3	0	1	1
5	0	0	0	3	1	3	1	2	1
6	1	1	2	0	2	3	1	1	1
7	3	2	2	2	10	3	5	5	4
8	17	5	0	31	10	13	19	18	14
9	27	12	3	16	17	16	21	19	16
10	17	12	11	22	16	11	11	15	14
11	13	19	8	12	19	12	22	16	15
12	14	23	23	20	15	10	16	15	17
13	6	26	9	13	17	19	15	14	15
14	15	14	18	14	16	19	21	17	17
15	21	19	19	17	20	23	24	21	20
16	39	13	14	24	17	26	26	26	23
17	31	16	18	21	18	18	25	23	21
18	25	15	14	25	29	21	27	25	22
19	17	14	11	17	26	20	25	21	19
20	17	14	14	18	14	21	19	18	17
21	13	8	5	10	12	5	9	10	9
22	14	6	5	8	6	7	10	9	8
23	5	3	2	9	3	8	6	6	5
24	4	7	2	1	2	2	5	3	3
7-19	242	188	148	232	220	208	252	231	213
6-22	289	218	174	270	262	244	295	272	250
6-24	298	228	178	280	267	254	306	281	259
0-24	302	234	181	284	270	265	311	286	264



LOCATION: SITE 2

				EAST	BOUND				
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18	WEEKDAY AVERAGE	WEEK AVERAGE
1	1	0	1	0	0	0	0	0	0
2	0	1	0	0	0	1	0	0	0
3	0	0	1	0	0	0	0	0	0
4	5	0	2	0	0	4	0	2	2
5	2	1	1	11	1	2	6	4	3
6	9	3	0	13	13	17	9	12	9
7	8	3	2	6	13	11	15	11	8
8	23	10	6	21	19	18	21	20	17
9	20	13	11	32	36	27	34	30	25
10	27	21	9	15	13	18	24	19	18
11	21	22	12	18	18	19	21	19	19
12	14	21	14	14	13	12	17	14	15
13	13	21	12	16	16	16	16	15	16
14	16	10	23	17	12	13	10	14	14
15	27	15	10	23	23	10	20	21	18
16	15	19	13	24	16	17	16	18	17
17	17	11	20	18	14	18	18	17	17
18	12	9	13	17	18	12	21	16	15
19	23	13	16	21	17	16	20	19	18
20	20	11	7	5	14	11	16	13	12
21	8	3	3	9	6	3	7	7	6
22	5	4	3	4	11	2	10	6	6
23	0	6	2	5	4	3	1	3	3
24	3	0	1	0	1	0	1	1	1
7-19	228	185	159	236	215	196	238	223	208
6-22	269	206	174	260	259	223	286	259	240
6-24	272	212	177	265	264	226	288	263	243
0-24	289	217	182	289	278	250	303	282	258



LOCATION: SITE 2

			AVERAGE	SPEEDS			
Hr Ending	Friday	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
711 21101116	13-Jul-18	14-Jul-18	15-Jul-18	16-Jul-18	17-Jul-18	18-Jul-18	19-Jul-18
1	-	29.3	-	-	-	33.0	33.8
2	15.5	25.5	-	-	-	-	-
3	25.5	-	-	-	-	25.5	-
4	25.5	-	33.0	25.5	-	43.0	-
5	-	-	-	22.2	15.5	26.3	15.5
6	15.5	25.5	35.5	-	20.5	12.2	25.5
7	24.7	31.8	24.3	29.3	25.0	30.5	28.0
8	22.0	29.0	-	20.3	27.5	24.7	28.0
9	25.8	27.6	30.5	28.2	27.3	28.6	27.6
10	25.6	20.3	24.6	26.6	26.9	28.0	26.4
11	30.7	28.9	23.0	24.5	23.9	27.0	24.1
12	23.7	25.2	23.5	30.5	23.7	26.3	27.4
13	22.2	29.0	29.1	22.0	27.9	24.2	30.8
14	25.3	23.5	26.3	27.5	25.0	21.2	24.0
15	24.9	28.0	27.3	21.8	22.0	26.6	24.5
16	25.5	29.2	24.6	24.3	23.6	21.5	21.1
17	24.0	27.4	24.5	28.1	27.2	27.7	28.5
18	28.5	31.3	25.0	24.8	25.8	25.1	25.3
19	24.9	29.8	21.0	30.2	28.9	27.9	23.7
20	28.9	29.3	28.4	28.7	26.2	28.2	28.1
21	29.2	33.6	24.5	27.3	28.0	28.5	24.9
22	28.7	28.4	28.5	28.3	26.8	25.9	29.0
23	30.5	30.5	31.8	28.8	35.5	27.1	31.8
24	31.1	26.2	38.0	33.0	15.5	38.0	32.0
10-12	27.2	27.0	23.3	27.5	23.8	26.6	25.8
14-16	25.2	28.6	26.0	23.0	22.8	24.0	22.8
0-24	25.4	28.1	27.5	26.6	25.1	27.3	26.7

			85TH PER	RCENTILE			
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18
1	-	40.9	-	-	-	-	42.6
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	1
4	-	-	-	-	-	48.0	1
5	-	-	-	27.9	-	37.6	-
6	-	-	39.0	-	27.6	17.9	
7	33.4	40.6	36.6	34.6	30.9	34.8	35.7
8	29.0	37.8	-	27.6	35.6	33.5	37.1
9	32.7	37.5	34.8	36.2	34.9	36.3	34.5
10	34.8	27.9	31.7	35.3	33.0	37.0	34.9
11	38.3	36.1	32.0	32.2	30.0	33.4	32.4
12	31.9	36.4	32.6	36.7	30.3	33.4	36.6
13	27.3	36.0	35.9	30.0	32.4	31.2	37.0
14	31.7	30.4	33.7	34.4	32.7	31.3	30.3
15	32.6	35.0	33.9	30.3	30.2	34.0	31.4
16	32.5	36.6	31.7	32.1	32.3	30.2	30.3
17	32.8	33.3	33.8	35.3	34.8	35.8	39.1
18	36.3	39.9	35.4	33.9	33.7	33.6	33.0
19	32.5	36.6	29.2	37.4	36.7	34.5	30.3
20	36.4	33.1	37.6	37.2	33.6	34.4	32.3
21	36.3	39.7	33.3	36.4	35.2	38.7	34.0
22	36.8	36.4	38.1	35.9	36.3	36.7	38.7
23	39.2	34.8	40.6	37.0	47.0	36.8	40.1
24	42.6	37.9	45.1	-	15.5	45.1	43.8
10-12	35.1	36.2	32.3	34.4	30.2	33.4	34.5
14-16	32.6	35.8	32.8	31.2	31.3	32.1	30.8
0-24	34.3	36.2	35.3	33.9	32.8	35.0	35.5

7 DAY AVERAGE SPEED	26.7
7 DAY AVERAGE 85th PERCENTILE	34.7

LOCATION: SITE 2

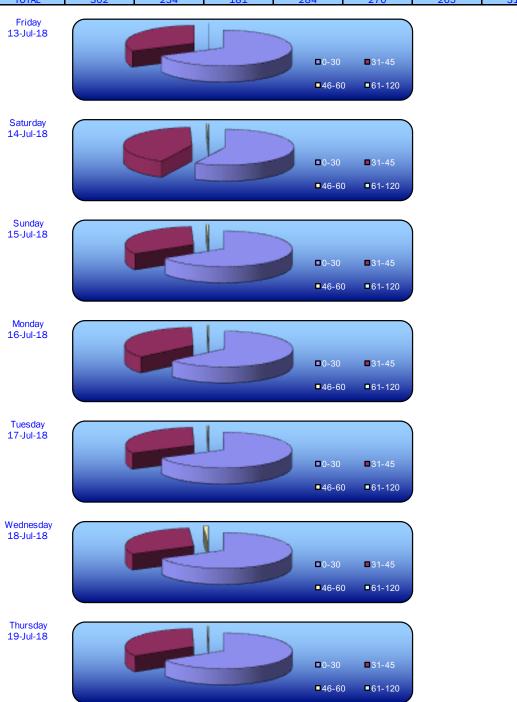
			AVERAGE	SPEEDS			
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18
1	5.5	-	48.0	-	-	-	-
2	-	38.0	-	-	-	43.0	-
3	-	-	48.0	-	-	-	-
4	15.5	-	24.3	-	-	33.0	-
5	40.5	15.5	38.0	22.8	33.0	38.0	28.8
6	27.7	22.2	-	28.6	29.5	23.3	19.4
7	23.0	22.2	31.8	27.2	30.7	28.0	25.3
8	30.2	30.5	27.2	28.5	28.9	30.2	28.5
9	27.6	27.8	27.5	26.8	27.4	27.9	26.4
10	23.2	23.7	26.3	26.7	26.1	28.3	23.7
11	25.1	26.1	22.6	25.2	23.7	23.9	25.5
12	22.1	28.5	24.3	20.0	24.9	23.6	25.8
13	24.5	31.7	23.0	23.8	26.3	22.5	26.6
14	26.3	27.8	25.1	23.9	26.5	23.4	27.8
15	25.5	22.5	23.8	28.9	21.6	23.5	23.8
16	27.0	28.4	22.6	22.0	25.7	22.1	24.7
17	22.1	22.8	24.1	24.0	24.4	24.4	25.6
18	28.6	33.6	30.5	27.4	27.2	24.7	26.9
19	26.4	25.5	26.9	23.0	23.9	23.8	25.1
20	28.0	28.2	27.3	22.5	24.4	28.2	28.3
21	26.8	27.2	32.2	27.2	27.2	27.2	23.4
22	24.0	22.4	28.0	22.4	22.3	10.5	18.3
23	-	26.8	24.3	26.0	28.0	28.8	38.0
24	26.3	-	33.0	-	15.5	-	15.5
10-12	23.6	27.3	23.4	22.6	24.3	23.8	25.6
14-16	26.3	25.4	23.2	25.4	23.6	22.8	24.2
0-24	25.0	26.6	29.0	25.1	25.9	26.6	25.4

			85TH PER	RCENTILE			
Hr Ending	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	
3	-	-	-	-	-	-	-
4	15.5	-	36.6	-	٠	33.0	
5	44.0	-	-	30.7	-	38.0	34.2
6	36.2	27.9	-	36.9	36.6	30.7	32.7
7	32.0	27.9	40.6	38.5	36.9	38.3	35.1
8	38.5	40.1	34.9	39.9	39.8	41.6	38.3
9	37.4	37.9	36.7	36.3	35.9	37.2	36.0
10	32.8	33.9	33.9	35.6	34.6	38.2	33.1
11	33.5	35.6	29.4	33.4	32.2	31.7	34.6
12	31.1	38.7	34.3	27.9	31.1	35.0	33.8
13	34.0	39.2	32.8	33.2	36.1	31.0	35.2
14	35.9	37.4	33.7	31.5	36.2	33.6	37.4
15	34.8	30.9	32.8	38.2	30.0	35.2	35.8
16	35.5	36.9	29.4	30.4	34.6	29.1	33.2
17	30.3	27.4	33.5	33.8	33.2	33.3	37.5
18	39.2	38.7	39.0	37.9	37.2	34.0	36.0
19	35.5	33.8	38.0	29.8	31.9	34.3	35.4
20	37.0	35.7	37.3	32.1	32.3	38.9	37.3
21	41.4	37.3	38.5	35.1	34.9	46.6	31.3
22	33.3	30.9	41.9	30.9	29.4	17.6	24.3
23	-	36.3	36.6	34.0	37.8	40.6	-
24	37.6	-	-	-	-	-	-
10-12	32.3	37.2	31.8	30.7	31.7	33.3	34.2
14-16	35.1	33.9	31.1	34.3	32.3	32.1	34.5
0-24	34.8	34.8	35.5	34.0	34.5	34.9	34.5

7 DAY AVERAGE SPEED	26.3
7 DAY AVERAGE 85th PERCENTILE	34.7

LOCATION: SITE 2

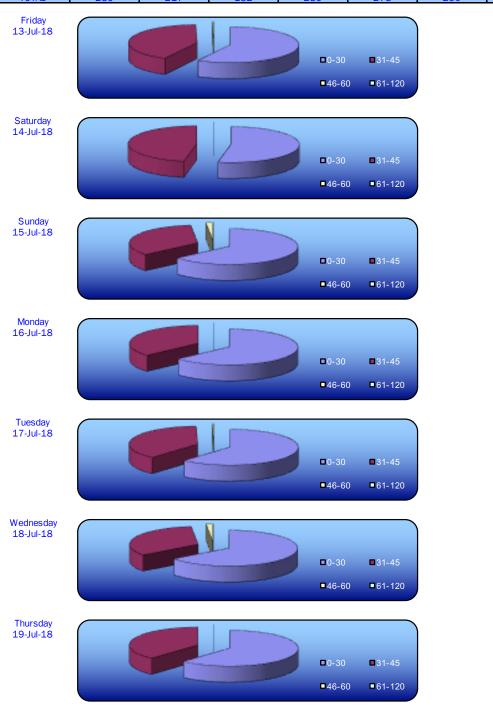
	SPEED SUMMARY											
SPEED (MPH)	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18					
0-30	205	134	120	181	183	179	206					
31-45	97	99	60	102	86	83	104					
46-60	0	1	1	1	1	3	1					
61-120	0	0	0	0	0	0	0					
TOTAL	302	234	181	284	270	265	311					



survey and presentation by trafficsense Ltd.

LOCATION: SITE 2

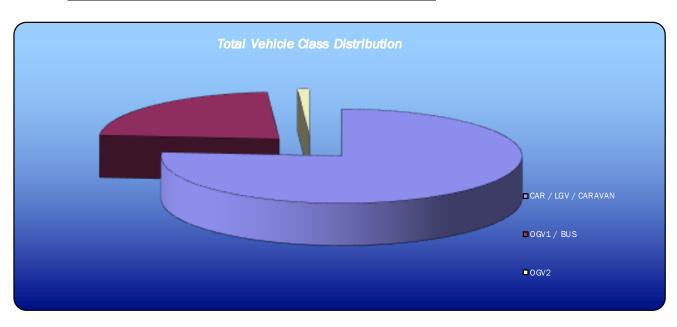
	SPEED SUMMARY											
SPEED (MPH)	Friday 13-Jul-18	Saturday 14-Jul-18	Sunday 15-Jul-18	Monday 16-Jul-18	Tuesday 17-Jul-18	Wednesday 18-Jul-18	Thursday 19-Jul-18					
0-30	167	115	116	183	171	162	187					
31-45	121	102	63	106	106	84	116					
46-60	1	0	3	0	1	4	0					
61-120	0	0	0	0	0	0	0					
•		•		•		•						
TOTAL	289	217	182	289	278	250	303					



survey and presentation by trafficsense Ltd.

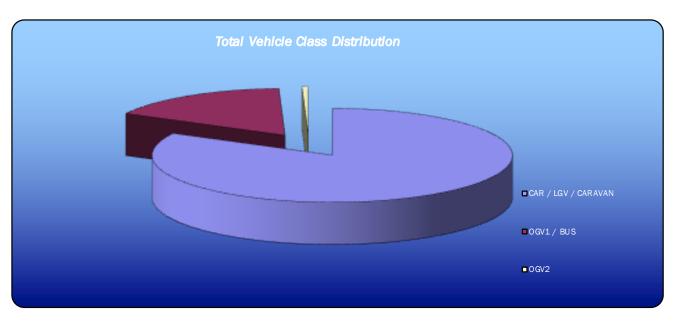
LOCATION: SITE 2

VEHICLE CLASSIFICATION						
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL		
13-Jul-18						
7-19	179	62	1	242		
6-22	215	73	1	289		
6-24	224	73	1	298		
0-24	228	73	1	302		
14-Jul-18						
7-19	154	34	0	188		
6-22	179	39	0	218		
6-24	188	40	0	228		
0-24	194	40	0	234		
15-Jul-18						
7-19	123	23	2	148		
6-22	146	26	2	174		
6-24	150	26	2	178		
0-24	153	26	2	181		
16-Jul-18						
7-19	180	47	5	232		
6-22	211	54	5	270		
6-24	220	55	5	280		
0-24	222	57	5	284		
17-Jul-18						
7-19	151	67	2	220		
6-22	190	70	2	262		
6-24	195	70	2	267		
0-24	197	71	2	270		
18-Jul-18						
7-19	156	51	1	208		
6-22	186	57	1	244		
6-24	195	58	1	254		
0-24	204	60	1	265		
19-Jul-18						
7-19	194	53	5	252		
6-22	226	64	5	295		
6-24	236	65	5	306		
0-24	240	66	5	311		
AVERAGE						
7-19	162	48	2	213		
6-22	193	55	2	250		
6-24	201	55	2	259		
0-24	205	56	2	264		

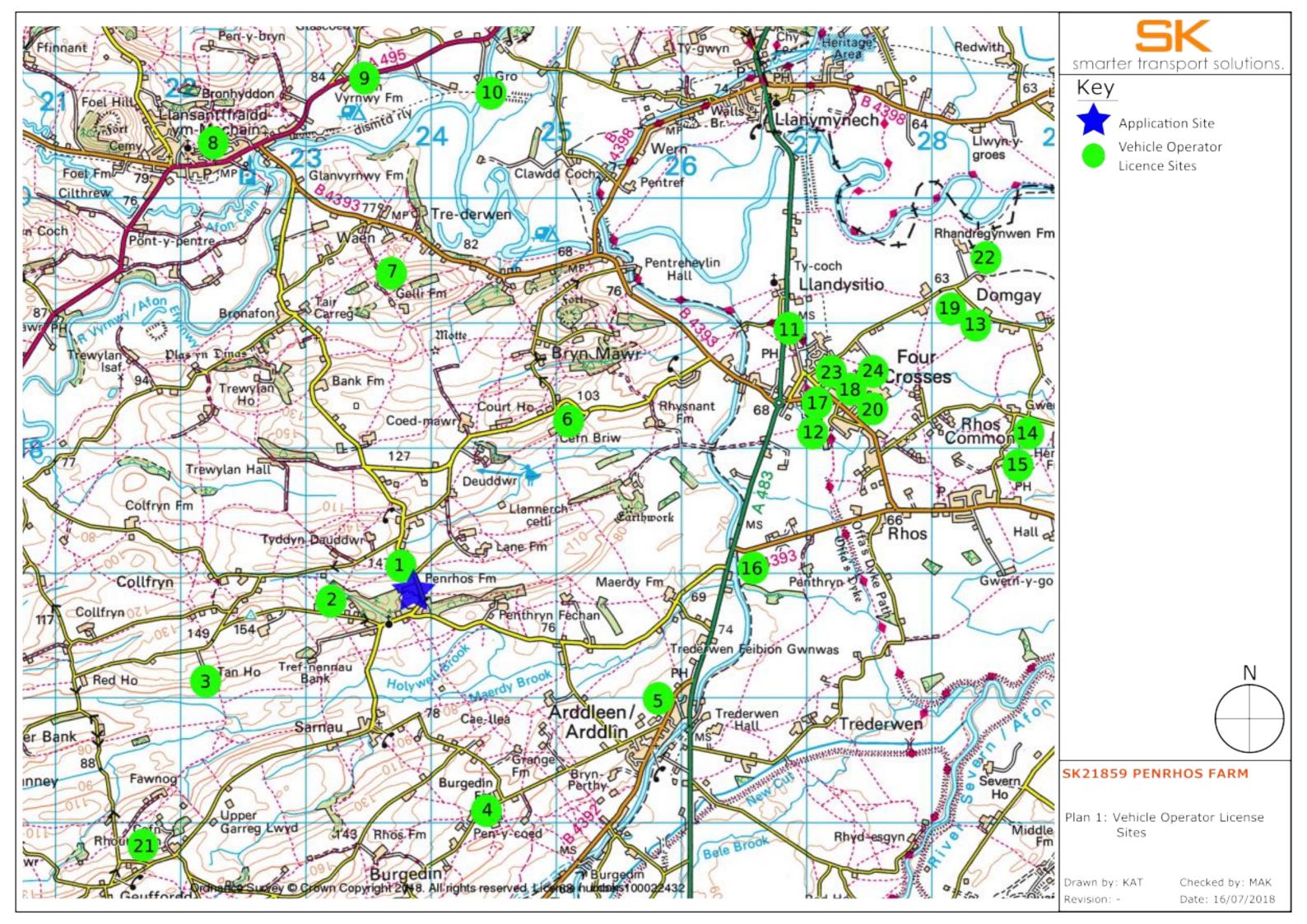


LOCATION: SITE 2

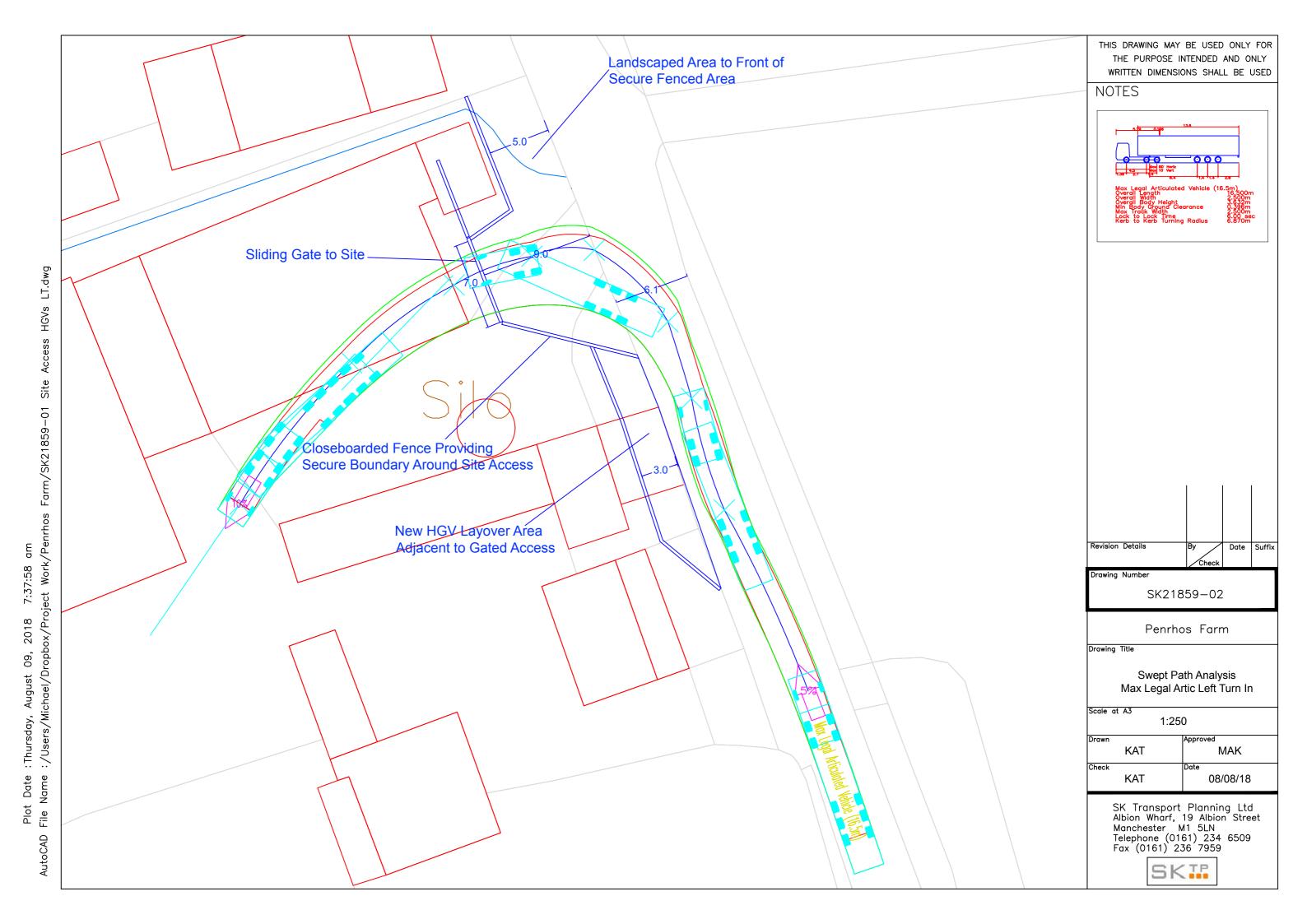
VEHICLE CLASSIFICATION						
	CAR / LGV / CARAVAN	OGV1 / BUS	OGV2	TOTAL		
13-Jul-18	1//////////////////////////////////////	777777777777777777777777777777777777777	(//////////////////////////////////////	7//////////////////////////////////////		
7-19	185	42	1	228		
6-22	219	49	1	269		
6-24	221	50	1	272		
0-24	235	53	1	289		
14-Jul-18						
7-19	163	22	0	185		
6-22	182	24	0	206		
6-24	188	24	0	212		
0-24	192	25	0	217		
15-Jul-18						
7-19	145	13	1	159		
6-22	160	13	1	174		
6-24	163	13	1	177		
0-24	167	14	1	182		
16-Jul-18						
7-19	185	47	4	236		
6-22	205	51	4	260		
6-24	209	52	4	265		
0-24	232	53	4	289		
17-Jul-18						
7-19	168	45	2	215		
6-22	205	52	2	259		
6-24	208	54	2	264		
0-24	220	56	2	278		
18-Jul-18						
7-19	152	44	0	196		
6-22	174	49	0	223		
6-24	176	50	0	226		
0-24	196	53	1	250		
19-Jul-18						
7-19	207	31	0	238		
6-22	247	38	1	286		
6-24	248	39	1	288		
0-24	261	41	1	303		
AVERAGE						
7-19	172	35	1	208		
6-22	199	39	1	240		
6-24	202	40	1	243		
0-24	215	42	1	258		

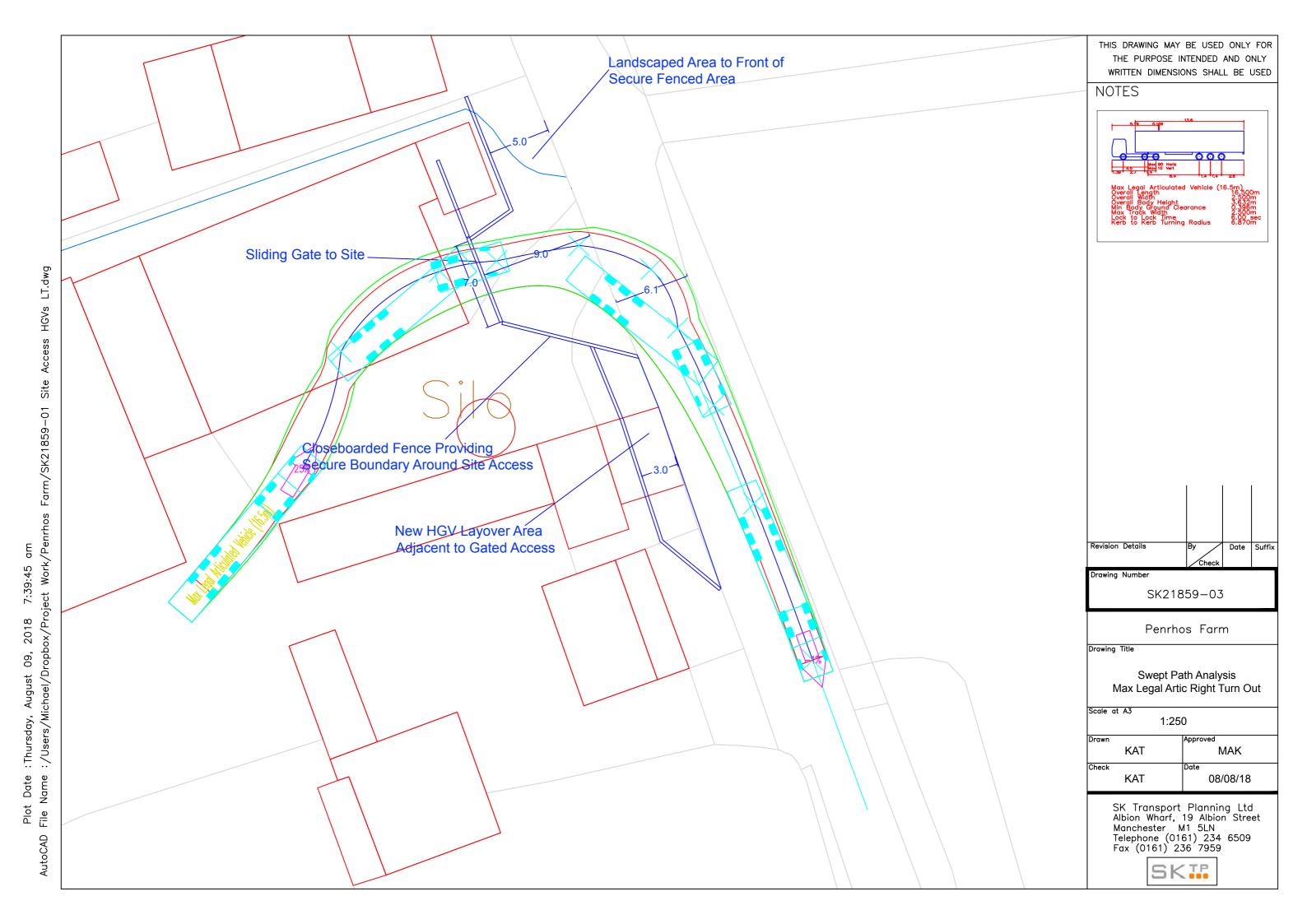


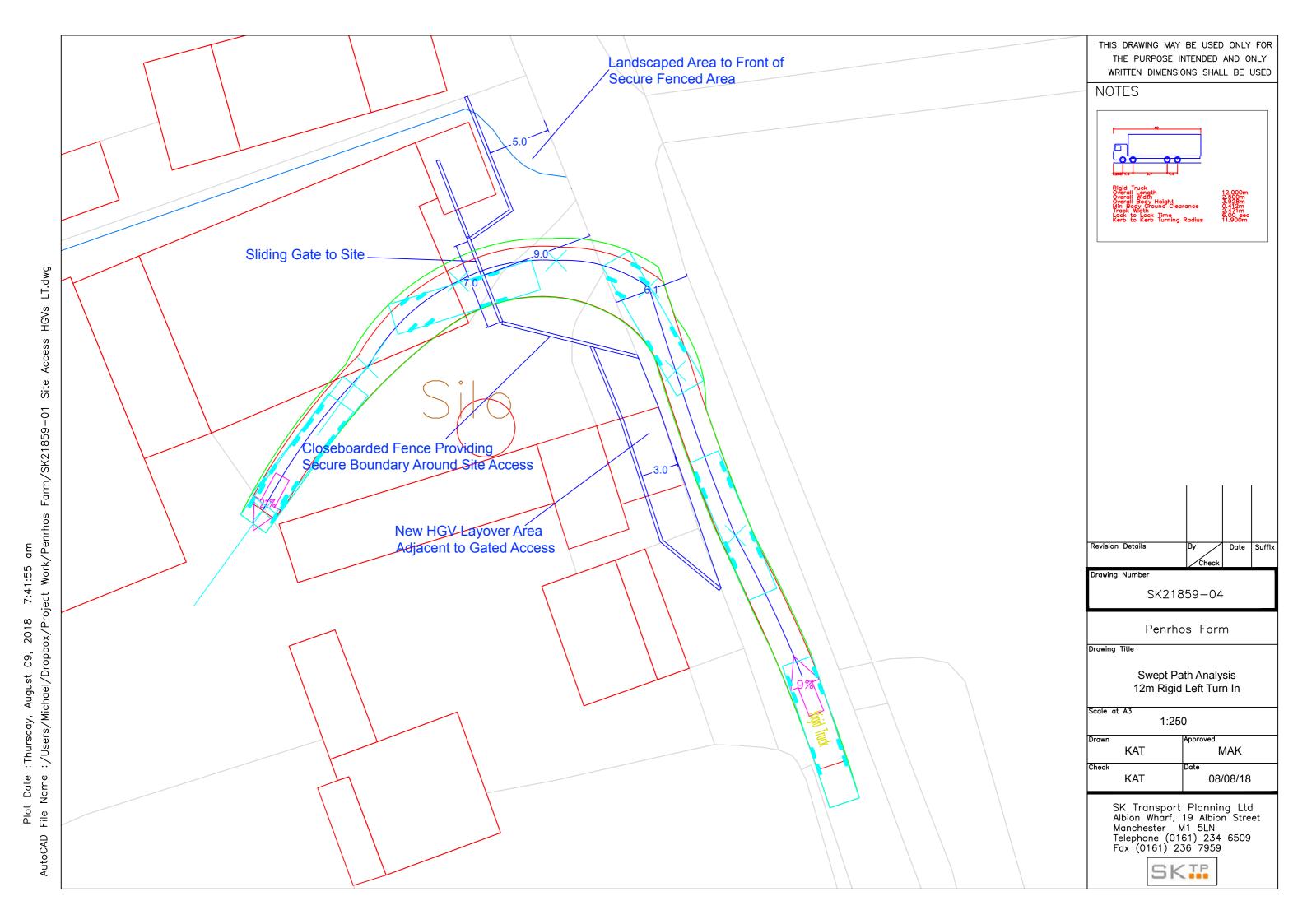
APPENDIX D

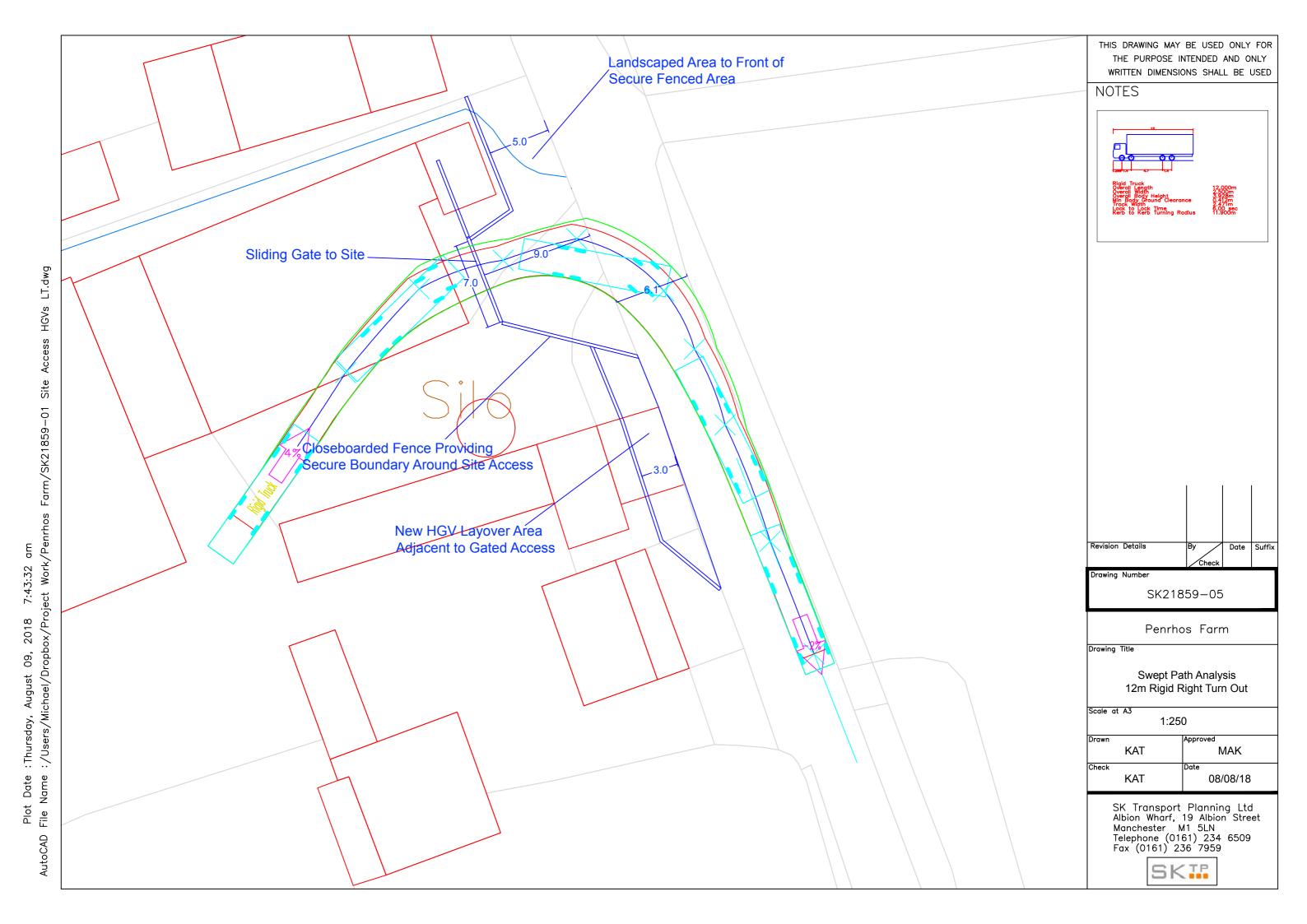


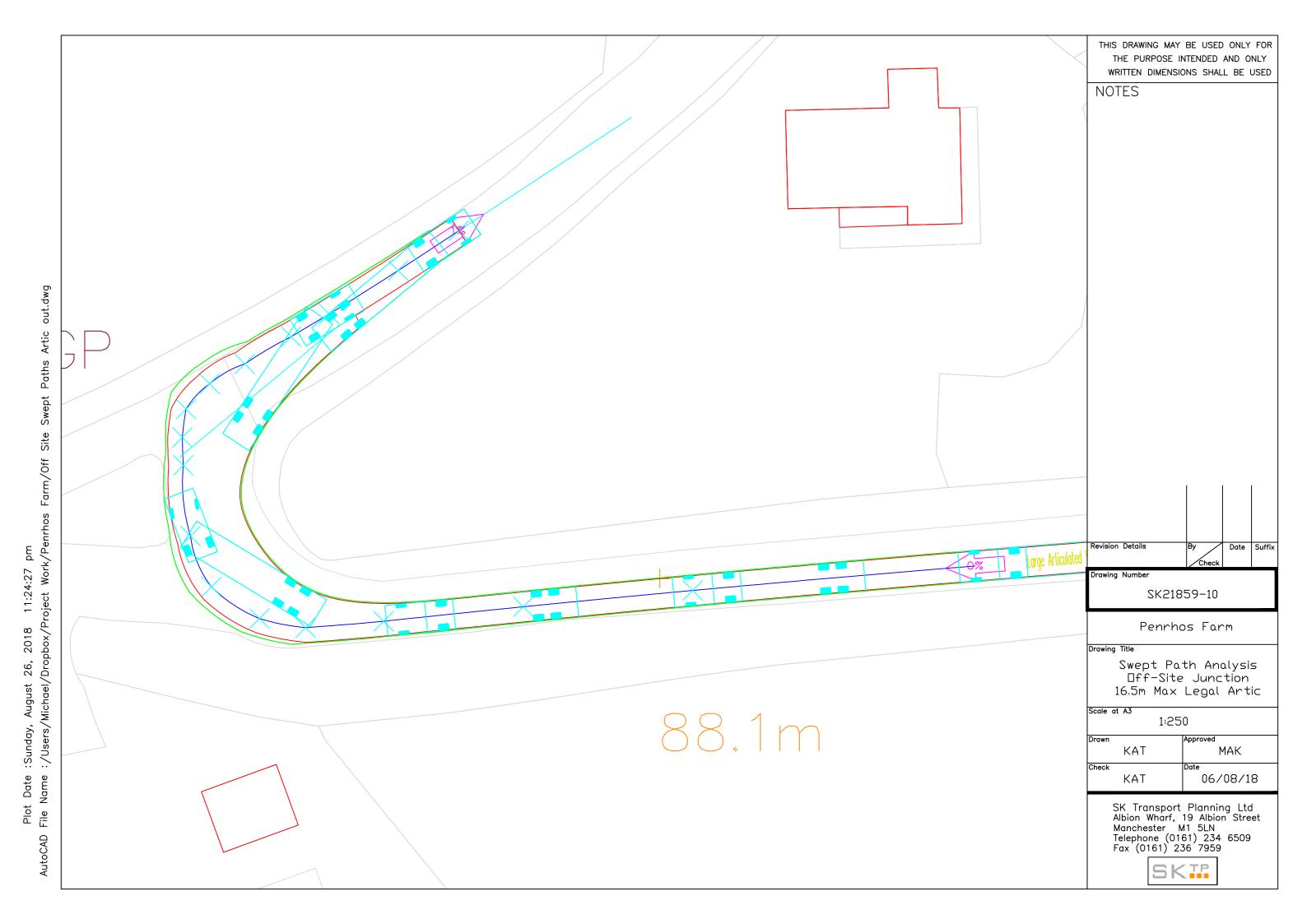
APPENDIX E

















APPENDIX F

