

TRAFFIC & TRANSPORTATION 13

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INTRODUCTION

- 13.1 This Environmental Impact Statement (EIS) provides supporting information to accompany a Planning Application to Fingal County Council by Roadstone Wood Ltd in respect of the continuance of use of Huntstown Quarry at North Road, Finglas, Co. Dublin.
- 13.2 The application is based on an annual output of c.2M tonnes from Huntstown Quarry over a life of 35 years. The proposed development will continue to utilise the primary site entrance accessed off North Road located on the eastern edge of the site. The secondary entrance accessed off Kilshane Road located on the western edge of the site will be closed and retained for emergency situations only.
- 13.3 The location of the proposed development (hereafter referred to as ‘the application site’) is indicated on an extract from the 1:50,000 scale Ordnance Survey Discovery series map of the area, reproduced as Figure 13-1.
- 13.4 This Chapter of the EIS describes in detail the development proposals with regards to traffic and transportation; assessing the highway network within the vicinity of the application site. Following a summary of the overall baseline conditions this leads on to a description of the relevant policy and legislation. The historic, existing and proposed trip generation of the application site is assessed and the resultant impacts on highway capacity outlined. A qualitative assessment is made of the environmental impacts of application site traffic, with particular regard to impacts caused by HGVs. This Chapter concludes with a summary of the results of the assessment.
- 13.5 This Chapter has been prepared in accordance with the general methodology contained within the National Roads Authority (NRA) document ‘Traffic and Transport Assessment Guidelines’ (September 2007).

Scoping Consultation

- 13.6 Early consultation with regard to transport has been undertaken with Fingal County Council Roads Section (FCC) and the National Roads Authority (NRA).
- 13.7 A verbal scoping response was received from FCC providing a general steer on their requirements.
- 13.8 The NRA provided a written response, advising that “...it is not in a position to engage directly with planning applicants in respect of the proposed development...the issuing of this correspondence is provided as best practice guidance only...”. The correspondence went on to recommend a number of guidance documents which should be consulted when assessing the impact of the development proposals; these have been referred to during the preparation of this Section.

Site Location

- 13.9 The application site is situated in Huntstown, located north-east of Blanchardstown and to the north of Finglas. Positioned north of the M50 Motorway, the quarry has two points of access; the primary entrance located on the eastern boundary of the site, served off North Road, and a secondary access, located on the western boundary of the site, served off Kilshane Road.
- 13.10 The location of the application site is shown on Figure 13-1.

Existing Development Details

- 13.11 The existing quarry operation involves the extraction and processing of rock from deposit areas within the overall Huntstown quarry lands. Existing site infrastructure includes internal haul roads and the crushing, grading and processing plant used to process the blasted rock.
- 13.12 In addition to the existing quarrying activities, there are several associated activities undertaken at the site. These ancillary activities include land restoration and the production of concrete blocks, readymix concrete and blacktop.
- 13.13 The existing site layout is shown on Figure 13-2.

Existing Site Access

- 13.14 Huntstown Quarry is currently accessed via the primary entrance located on the eastern boundary of the site, served off the North Road. The access road leading from the North Road into Huntstown Quarry is shared by quarry traffic and traffic to and from Huntstown Power Station. The access road is approximately 7.3m wide at the site entrance and divides as it runs towards the quarry. The width of both the inbound (westbound) and outbound (eastbound) lanes is approximately 3.7m wide.
- 13.15 A photo depicting the access road leading from North Road into Huntstown Quarry is shown within Plate 13-1.



Plate 13-1
Access road from North Road to Huntstown Quarry

- 13.16 The existing North Road entrance was granted planning permission in 2006. It was constructed and opened in 2008 and lies approximately 140m north of the former entrance which was used up to that time. The North Road entrance was relocated in order to reduce perceived environmental impacts of traffic movements on residences located immediately opposite the former site entrance.
- 13.17 A photo depicting the primary entrance served off North Road is shown within Plate 13-2.



Plate 13-2
Primary entrance served off North Road

- 13.18 The North Road in the vicinity of the existing entrance to Huntstown Quarry comprises a running carriageway of approximately 7.5m. The carriageway is undivided and provided with hard shoulders of approximately 2.5m width on both sides. The visibility sightlines from the site entrance comply with the requirements for the road design speed of 50kph and with current design standards for stop control and afford good forward visibility for traffic travelling in both directions in the vicinity of the site entrance.
- 13.19 A photo depicting North Road in the vicinity of the primary entrance is shown within Plate 13-3.



Plate 13-3
North Road near quarry entrance

- 13.20 The western entrance to Huntstown Quarry, from Kilshane Road, is a 6m wide 'rural' county undivided road leading to the Ballycoolin Industrial Estate. Hedgerows and small trees line both sides of the road. The gated entrance is approximately 8m wide and is set back from the running carriageway by 10m. The entrance is flared to approximately 45m at the running carriageway edge.
- 13.21 A photo depicting Kilshane Road in the vicinity of the western entrance is shown within Plate 13-4.



Plate 13-4
Kilshane Road near western quarry entrance

Proposed Development Details

13.22 As the planning application relates to the continuance of use of the existing quarrying operation, the proposed development details are the same as existing, with the application based on an annual output of c.2M tonnes from the quarry over a life of 35 years.

Proposed Site Access

13.23 As the planning application relates to the continuance of use of the existing quarrying operation, the proposed development will continue to utilise the primary site entrance accessed off North Road located on the eastern edge of the site. The secondary entrance accessed off Kilshane Road located on the western edge of the site will be closed and retained for emergency situations only.

Methodology

13.24 The methodology used within this assessment is based upon the guidelines for Traffic Impact Assessment 1994.

- 13.25 The principal potential impact of the development proposals in transportation terms is likely to be that caused by HGV traffic during the operational phase. Impacts have been assessed in terms of:
- highway capacity – quantitative impact of link capacity; and
 - environmental impact – impact of HGV traffic on road safety and the amenity of highway users and local residents.
- 13.26 A detailed assessment of baseline conditions, including traffic flows and recent accident data, has been undertaken to establish any possible impacts and the likely scale of those impacts.
- 13.27 Standard assessment techniques have been used to quantify the material impact of development traffic. Material traffic impact has been compared against impact thresholds published by the Institution of Highways and Transportation. A qualitative assessment is made of environmental impacts such as road safety and pedestrian/cyclist amenity.
- 13.28 In light of any potential impacts caused, mitigation measures are suggested and a final assessment of residual impacts is undertaken.

BASELINE REVIEW

Planning Policy Context

Background

- 13.29 The type and location of this development requires this EIS Chapter to give full regard to the current planning policy framework. Accordingly, the following national, regional and county planning policy guidance on the transportation and accessibility implications of the development will be considered:
- National Development Plan 2007 - 2013
 - National Spatial Strategy for Ireland 2002 - 2020
 - Regional Planning Guidelines 2010 - 2022
 - Fingal County Development Plan 2011 - 2017

National Planning Policy Guidance

- 13.30 National planning policy guidance is held within the National Development Plan 2007-2013 and National Spatial Strategy for Ireland 2002-2020.

National Development Plan 2007 - 2013

- 13.31 The 'National Development Plan (NDP) Transforming Ireland - A Better Quality of Life for All', sets out the roadmap to Ireland's future, integrating strategic development frameworks for regional development.

- 13.32 The report states that key to regional development will be efficient utilisation of plan investment, especially in infrastructure. It recognises the role that transport has to play with fulfilling development potential.
- 13.33 Chapter 3 of the NDP considers regional development. It advises that *'...balanced regional development means supporting the economic and social development of all regions in their efforts to achieve their full potential. This Plan aims to promote the development of all regions in Ireland within a co-ordinated, coherent and mutually beneficial framework. Balanced regional development is, accordingly, central to the investment strategy of the Plan'*.
- 13.34 Transportation trends are also considered within Chapter 3, it recognises that regional population and economic trends also have implications for transportation. The report suggests that *'...a rapidly increasing population, rising employment and income levels have resulted in car ownership levels in Ireland increasing significantly and converging towards EU averages. Between 1991 and 2002, the total number of cars owned by private households increased from 445,226 to 1,601,619. By 2002, just over 62% of workers travelled to work by car compared to 47% of a much smaller workforce in 1991. By contrast, the percentage usage of public transport (bus or train) decreased from 9.4% in 1991 to 8.7% in 2002 even though the actual number of users increased substantially by 31% from 107,211 to 140,381. The 2002 Census figures also pointed to a trend towards longer distance commuting although almost 60% of the population had to travel less than 9 miles and only 6% had to travel over 30 miles. This trend is likely to have been intensified in the 2006 Census and has implications for spatial planning and environmental sustainability'*.

National Spatial Strategy for Ireland 2002 - 2020

- 13.35 The National Spatial Strategy (NSS) is a 20-year strategy, which is a strategic vision for the spatial development of Ireland. Sustainable development is one of the key concepts of this strategy; from the point of view of strategic spatial planning, sustainable development will, amongst other things, mean *'maximising access to and encouraging use of public transport, cycling and walking...developing sustainable urban and rural settlement patterns and communities to reduce distance from employment...and to make better use of existing public transport'* (Para 1.3).
- 13.36 Physical networks of infrastructure such as roads, public transport, energy and communications are of particular relevance to the NSS, since they themselves have a spatial impact and also influence the location, timing and extent of development.
- 13.37 Section 2.6 'How to strengthen areas and places' recognises that the promotion of sustainable development, particularly with regard to planning, land use and transportation (effective urban transport systems, including facilities for pedestrians and cyclists) is vital to foster a wide range of enterprise activity and employment creation.

13.38 Section 3.3.1 'Consolidating the Greater Dublin Area' asserts that '*...the continuing health of Dublin is critically dependent on concentrating employment intensive activities close to public transport corridors and road transport intensive activities close to the strategic road network...*'. The application proposals is classified as road transport intensive and is well located in terms of the strategic road network, with links to the N2 and M50 within close proximity.

Regional Planning Policy Guidance

13.39 The Dublin Regional Authority is one of eight Regional Authorities established in 1994 to provide a regional tier of government level in Ireland. The function of the Authority is to promote the co-ordination of the provision of public services at regional level. The Dublin Regional Authority covers the constituent City/County Council administrative areas of Dublin City, South Dublin County, Dun Laoghaire-Rathdown County and Fingal County in the east of Ireland.

13.40 Regional Planning Guidelines consider the statutory obligations of all local authorities in the region, all relevant policies and objectives of the Government, including in particular any national plans, policies or strategies specified by the Minister for the Environment, Heritage and Local Government as relevant to the determination of strategic planning policies. They set 12 to 20-year strategic policy that should be considered by local authorities in their development plans.

Regional Planning Guidelines 2010 - 2022

13.41 The Regional Planning Guidelines for the Greater Dublin Area combines two Regional Authority areas - the Dublin Regional Authority and the Mid-East Regional Authority for the purposes of Regional Planning. This approach is provided for in the Planning Act where required by the Minister.

13.42 The current Regional Planning Guidelines were made by the Dublin and Mid-East Regional Authorities on the 15th of June 2010. The Guidelines cover the Councils of Dun Laoghaire-Rathdown, Dublin City, Fingal and South Dublin in the Dublin Region and Kildare, Meath and Wicklow County Council areas in the Mid-East Region.

13.43 The Regional Planning Guidelines aim to give regional effect to the National Spatial Strategy and to guide the development plans for each county. The RPGs inform the Development Plans in each Council area and have effect for six years.

13.44 Transport and Infrastructure strategy is considered within Chapter 5. The strategy highlights priority infrastructure investments and measures to enhance: regional competitiveness, the sustainability of development and to improve quality of life by improving accessibility and reducing travel times.

13.45 Paragraph 5.3.2 provides guidance on the protection of existing and proposed road infrastructure '*...National primary, national secondary and strategic regional roads within the region are of critical importance for the movement of*

goods and services and to the economic function and settlement. It is therefore essential that planning authorities make provision to protect the carrying capacity of these routes in the relevant Development Plans and do not compromise proposed road schemes, where road scheme planning has commenced’.

- 13.46 Transport and Infrastructure policy TIP14 states that ‘Plans and policies should identify and protect strategic road corridors and their principle function as arterial routes for the movement of goods, services and people between settlement areas within and outside of the region’.

County Planning Policy Guidance

- 13.47 County policy considered will be held within Fingal County Development Plan 2011-2017.

Fingal County Council Development Plan 2011 - 2017

- 13.48 The Fingal County Development Plan sets out Fingal County Council's policies and objectives for the proper planning and sustainable development of the County from 2011 to 2017. The plan came into effect on 20th April 2011 replacing the 2005 to 2011 Development Plan. The plan guides how and where development will take place in the county over the next 6 years.
- 13.49 Section 2.6, Quarrying and Aggregate Extraction, states there is ‘a need to identify and protect aggregate resource areas to meet the likely scale of future demand while at the same time protecting the natural environment and communities from environmental impacts including noise, dust, traffic and vibration’.
- 13.50 Section 4.1, Transportation, has also been reviewed. With regards to integrated land use and transportation this states that ‘in developing an integrated land use and transportation policy it should be noted that land uses that generate large numbers of Heavy Goods Vehicles should be situated adjacent to good road networks and away from town centres’.
- 13.51 The proposed application site is well located in terms of the strategic road network, therefore HGVs generated will not be required to route through any local residential areas/town centres.
- 13.52 Additionally, the internal layout of the site will be designed in order to accommodate HGV volumes and vehicle turning requirements. The operation of the site will not result in vehicles stacking out onto the highway causing potential safety issues and vehicles shall enter and exit in a forward gear.

Planning Policy Summary

- 13.53 An assessment of how the development site accords with national, regional and county policy has been undertaken within this section.

13.54 It is considered from the assessment above that the development proposals put forward for this site accord with the different levels of policy guidance in terms of sustainable development and transport issues.

Existing Road Network

13.55 The existing highway network within the vicinity of the application site is illustrated on Figure 13-1 and is described in detail below.

13.56 The application site at Huntstown is located north-east of Blanchardstown and to the north of Finglas. The existing road network around the site is defined by:

- the R135 Regional Road to the east, which previously served as the N2 National Primary Road (up to May 2006). This road is also known as the North Road. It intersects with the N2 Dual Carriageway at the Cherryhound Interchange to the north and is severed by the M50 Motorway to the south;
- a local road, known as the Kilshane Road (or Cappagh Road) to the west and north of the quarry; and
- the M50 Motorway which lies south of the existing quarry.

13.57 The N2 Dual Carriageway between the M50 Motorway and Cherryhound Interchange runs immediately east of the R135 Regional Road. It continues northwards from the Cherryhound Interchange as the M2 Motorway to north of Ashbourne Co. Meath. From there, it becomes the N2 National Primary Road and continues northwards as a single carriageway road through the counties of Meath, Louth and Monaghan to the border with Northern Ireland.

13.58 In relation to the local road network, the application site is located to the north of the M50 motorway, west of the R135 Regional Road (North Road) and N2 Dual Carriageway and east and south of the Kilshane Road.

13.59 Much of the road network around the application site has only been upgraded in recent years. The N2 Dual Carriageway/M2 Motorway opened in May 2006 and led to a large and immediate reduction in traffic levels along the former N2 National Primary Road (now the R135 Regional Road) immediately east of Huntstown Quarry. Upgrading of the M50 to provide three lanes of traffic in both directions was also completed in 2010, as was the upgrading of the interchange with the N2 Dual Carriageway to provide for a free flow interchange.

13.60 The existing North Road comprises a single carriageway road generally of about 7.5m width with hard shoulders of varying width. The alignment essentially runs straight from the existing quarry entrance northwards up to the N2/M2 Motorway at the Cherryhound Interchange and southwards to the point at which it is severed by the M50 Motorway at Finglas.

13.61 A speed limit of 50kph applies on the existing R135 Regional Road. This speed limit applies to traffic which travels via the slip road off the northbound carriageway of the N2 Dual Carriageway and North Road to the quarry entrance and to traffic running between the quarry entrance and the

Cherryhound Interchange. The speed limit on Kilshane Road that applies to traffic travelling past the secondary entrance is 80kph.

- 13.62 The speed limit on both the N2 Dual Carriageway and M50 Motorway is 100kph, while that on the M2 Motorway north of the Cherryhound Interchange is 120kph.

Non-car Accessibility

- 13.63 To ascertain opportunities for sustainability, consideration has been given to the non-car accessibility of the application site.
- 13.64 Although operation of the site will be very much road based, staff will require transport means to get to and from work. Non-car accessibility will help reduce traffic impact and also promote social inclusion by providing means of transport to the application site to those who have not got access to a private car.
- 13.65 Access to the application site on foot is by way of the existing pedestrian footway situated to the eastern side of North Road. At approximately 1.5m in width this footway extends along North Road northwards until reaching the northbound N2 slip road/North Road junction where it terminates. Pedestrians can then utilise footway situated to the western side of North Road which extends a short distance in the direction of Cherryhound Interchange before terminating at a bus stop. For employees wishing to access this bus stop on foot, it is an approximate distance of 1.85 kilometres away or a 23 minute walk (based upon an average walking speed of 80m per minute).
- 13.66 A large number of residential dwellings can be reached within a 5 kilometre cycle from the site, which assuming an average speed of 15kmh equates to a 20 minute cycle ride. This includes the northern suburbs of Dublin of Santry, Finglas, Charlestown, Dunsink and Castleknock, and settlements to the north of the M50 Blanchardstown, Mulhuddart and Tyrellstown.
- 13.67 Existing cycle infrastructure has been determined during a site visit and with reference to cycle route plans sourced from <http://dublincitycycling.ie/>. Dublincitycycling is a Dublin Council project led by the <http://dublin.ie/> and the Cycling Unit.
- 13.68 The website states that Dublin City Council began installing cycle lanes and tracks in the mid 1990s. There are now approximately 120km of on-road cycle track in the city and 50km of bus lanes that cyclists can use. In addition there are about 25km of off-road cycle track.
- 13.69 For the purposes of the cycle route plans, produced by the Dublin Transport Office 2008, Dublin is split into eight area plans. Two plans cover the highway within proximity of the application site; these are titled as Blanchardstown and North City and are attached at Appendix 13-A of this report. Cycle routes are referred to as three types, on-street cycle lane, adjacent to road cycle track and off-road cycle track.

- 13.70 Although there is a lack of formal cycle infrastructure on the existing access road and the existing access road/North Road priority junction, North Road does have a signed shared pedestrian cycle link on the eastern side of the carriageway to the north of the southbound on-slip.
- 13.71 A photo depicting the signed shared pedestrian cycle link is shown within Plate 13-5.



Plate 13-5
Signed shared pedestrian/cycle link

- 13.72 The N2 south of the M50 comprises a combination of on and off-street cycle facilities, providing good cycle links with central Dublin.
- 13.73 To the south of the secondary access the roundabout on Kilshane Road has cycle facilities which link towards the west. Other than a short gap between the Ratoath Road and Cruiserath Road roundabouts, adjacent to road cycle tracks link with Tyrellstown and Mulhuddart and continue south-west towards Blanchardstown.
- 13.74 A photo depicting the cycle facilities south of Kilshane Road is shown within Plate 13-6.

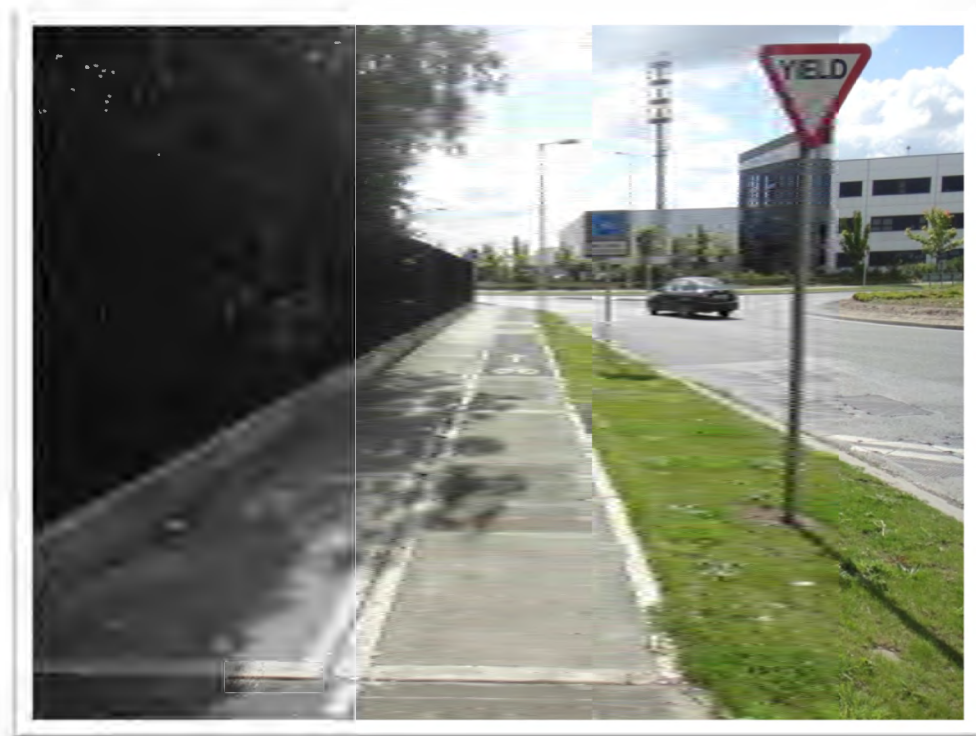


Plate 13-6
Cycle facilities south of Kilshane Road

- 13.75 Adequate provision has already been made for pedestrians and cyclists within the visitor area with internal pedestrian walk-ways segregated from vehicles and cycle parking provided for those members of staff/visitors wishing to travel in via bicycle. Whilst the applicant is limited by what can realistically be undertaken to further improve non-car accessibility within the development site, should the development proposals give rise to an increase in members of staff/visitors wishing to travel in via bicycle then additional cycle parking will be provided.
- 13.76 The closest bus stop to the application site is situated on North Road to the north of the N2 off-slip.
- 13.77 A photo depicting the closest bus stop on North Road is shown within Plate 13-7.



Plate 13-7
North Road bus stop

- 13.78 The bus stop is a simple flag post stop which is served by the number 103 and 107 services operated by Bus Eireann. Both of the routes that serve the bus stop run from Dublin to surrounding towns and villages.
- 13.79 The number 103 service runs between the city of Dublin to Ashbourne, Kilmoon and Duleek. Services operate 7 days a week and begin at 0530HRS in the morning and run at 20 minute intervals throughout the day until approx. midnight.
- 13.80 The number 107 service runs between the city of Dublin to Navan, Nobber and Kingscourt. Services operate 7 days a week and begin at 0900HRS in the morning and run at least four services in either direction throughout the day.
- 13.81 As identified above the local bus service is limited, however there are regular 20 minute services available from central Dublin throughout the day seven days per week. Travel by bus to the application site is therefore a realistic alternative to the car. A bus route plan and timetables are attached at Appendix 13-B of this report.

Accident Records

- 13.82 Accident data has been obtained from the Road Safety Authority website www.rsa.ie. The website provides an interactive online mapping tool which has

been navigated to the area of interest in order to determine the local accident history.

13.83 Accident data covering the period from 2005 to 2009 is provided. The accident study area includes North Road and Kilshane Road (including Kilshane Cross).

13.84 The information obtained is rudimentary and only provides the number of collisions and the seriousness of the collisions, along with basic details of each incident. The definitions of the severities are given below:

- **Fatal** (a crash resulting in a death)
- **Serious** (detention in hospital; includes paralysis, fractures and severe lacerations)
- **Minor** (includes whiplash, sprains and minor lacerations)

13.85 A total of 10 incidents were recorded; 1 of which was fatal, 1 classified as serious and the remainder classified as minor in nature. A summary of the collision history broken down into vehicle type is provided in Table 13.1.

Table 13.1
Summary of Road Collision History by Vehicle Type (2005 – 2009)

Vehicle Type	Fatal Collisions	Serious Collisions	Minor Collisions	All Collisions
Bus	0	0	0	0
Goods Vehicle	0	1	3	4
Car	0	0	1	1
Motorcycle	1	0	3	4
Bicycle	0	0	0	0
Pedestrian	0	0	0	0
Other	0	0	1	1
Total	1	1	8	10

13.86 No fatal or serious incidents were recorded at either the North Road quarry access or Kilshane Road quarry access. The one fatal incident and one serious incident recorded both occurred at Kilshane Cross.

13.87 Two minor incidents occurred in close proximity to the North Road quarry access; however on closer inspection it appears these took place prior to the N2 Primary Road improvements.

13.88 A summary of the details available has been provided below.

Classification: Minor
Date/Time: 2008 - Friday between 1000-1600hrs
Location: Kilshane Road/Cappagh Road roundabout (50kph speed limit)
Vehicle: Other
Circumstances: Single vehicle only
No. Casualties: 1

Classification: Minor
Date/Time: 2006 - Thursday between 1900-2300hrs
Location: North Road (80kph speed limit)
Vehicle: Goods vehicle
Circumstances: Head-on conflict
No. Casualties: 1

Classification: Minor
Date/Time: 2005 - Thursday between 1000-1600hrs
Location: North Road (100kph speed limit)
Vehicle: Motorcycle
Circumstances: Angle, both straight
No. Casualties: 1

Classification: Minor
Date/Time: 2005 - Friday between 1900-2300hrs
Location: North Road (100kph speed limit)
Vehicle: Motorcycle
Circumstances: Rear end, straight
No. Casualties: 1

Classification: Minor
Date/Time: 2005 - Friday between 0300-0700hrs
Location: North Road (100kph speed limit)
Vehicle: Motorcycle
Circumstances: Other
No. Casualties: 1

Classification: Minor
Date/Time: 2008 - Thursday between 1000-1600hrs
Location: Kilshane Road/Kilshane Cross approach (80kph speed limit)
Vehicle: Goods vehicle
Circumstances: Head-on conflict
No. Casualties: 1

Classification: Serious
Date/Time: 2008 - Saturday between 0300-0700hrs
Location: Kilshane Cross (100kph speed limit)
Vehicle: Goods vehicle

Circumstances: Other
No. Casualties: 2 (1 serious, 1 minor)

Classification: Fatal
Date/Time: 2005 - Thursday between 1600-1900hrs
Location: North Road/Kilshane Cross approach (100kph speed limit)
Vehicle: Motorcycle
Circumstances: Angle, right turn
No. Casualties: 1

Classification: Minor
Date/Time: 2008 - Monday between 1600-1900hrs
Location: Kilshane Road (80kph speed limit)
Vehicle: Car
Circumstances: Head-on conflict
No. Casualties: 1

Classification: Minor
Date/Time: 2007 - Wednesday between 1600-1900hrs
Location: Kilshane Road (80kph speed limit)
Vehicle: Goods vehicle
Circumstances: Rear end, straight
No. Casualties: 1

- 13.89 The majority of above highlighted incidents are not specifically relevant to the development proposals, both in terms of location and incident detail. In addition, it is also worth noting that the two minor incidents that occurred in close proximity to the North Road quarry access took place prior to the N2 Primary Road improvements, when all traffic would have routed through North Road and traffic flows would have been much greater than at present. Therefore it is considered that there is no accident issue which the development proposals could be perceived as contributing towards.

Existing Traffic Flows

- 13.90 To ascertain traffic flows on North Road and Kilshane Road, 7 day Automatic Traffic Counts (ATCs) were commissioned by SLR Consulting Ltd and carried out between 22nd September 2011 and 28th September 2011 by traffic survey specialists Count-on-us; a neutral week in terms of seasonal variation, therefore outside of school holidays and weeks containing bank holidays.
- 13.91 Following collection of the North Road ATC data it was determined that the ATC equipment had been tampered with; a new ATC for this link was undertaken between 2nd October 2011 and 8th October 2011.
- 13.92 The traffic count on North Road was undertaken north of the N2 off-slip. The traffic count on Kilshane Road was undertaken approximately 30m north of the secondary quarry access. The data recorded is included in Appendix 10-C, and a summary of the Annual Average Weekday Traffic (AAWT) flow for North Road is given in Table 13.2 and for Kilshane Road in Table 13.3.

Table 13.2
Existing North Road Traffic (AAWT)

Period	North Road NB	North Road SB	North Road 2 Way
AM Peak (0800-0900HRS)	359 (47)*	20 (2)	379 (49)
PM Peak (1700-1800HRS)	304 (35)	10 (1)	314 (36)
Average Day (0000-0000HRS)	4,082 (670)	259 (43)	4,341 (713)

*Total (HGV)

Table 13.3
Existing Kilshane Road Traffic (AAWT)

Period	Kilshane Road NB	Kilshane Road SB	Kilshane Road 2 Way
AM Peak (0800-0900HRS)	223 (30)*	744 (44)	968 (74)
PM Peak (1700-1800HRS)	640 (32)	238 (33)	878 (64)
Average Day (0000-0000HRS)	4,372 (535)	4,915 (610)	9,287 (1,146)

*Total (HGV)

13.93 Daily traffic profiles have also been determined for both links; these have been illustrated in graph form at Plates 13-8 and 13-9.

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Plate 13-8
24hr Weekday Traffic Profile – North Road

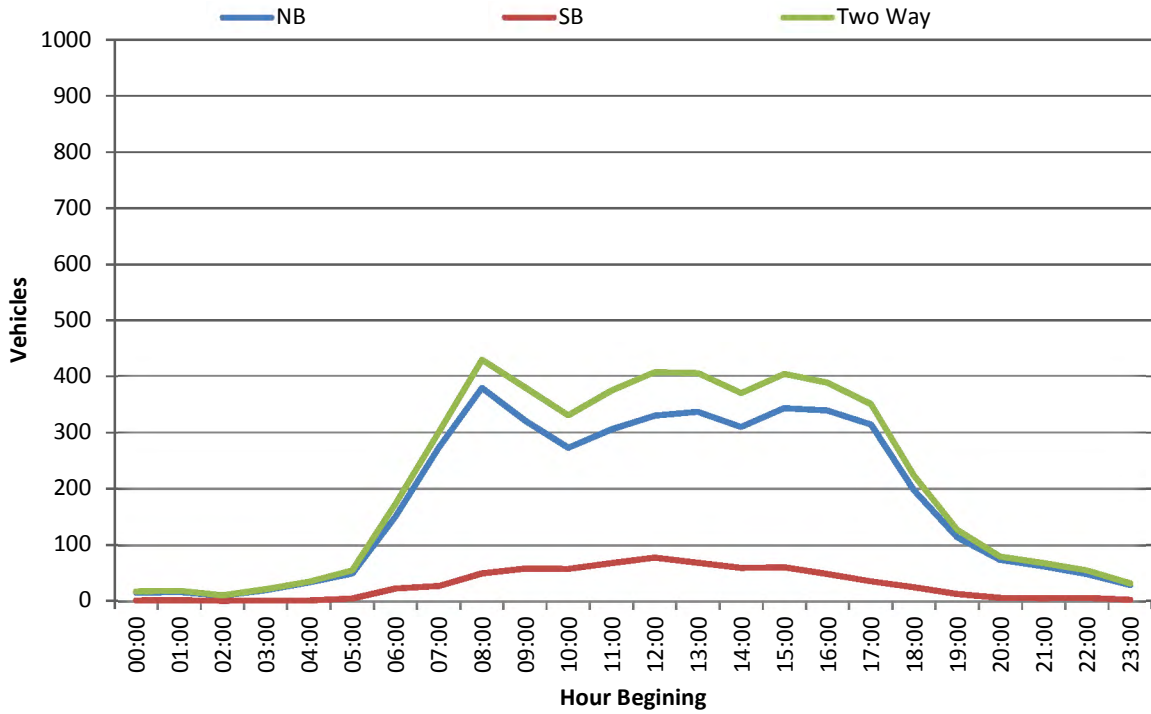
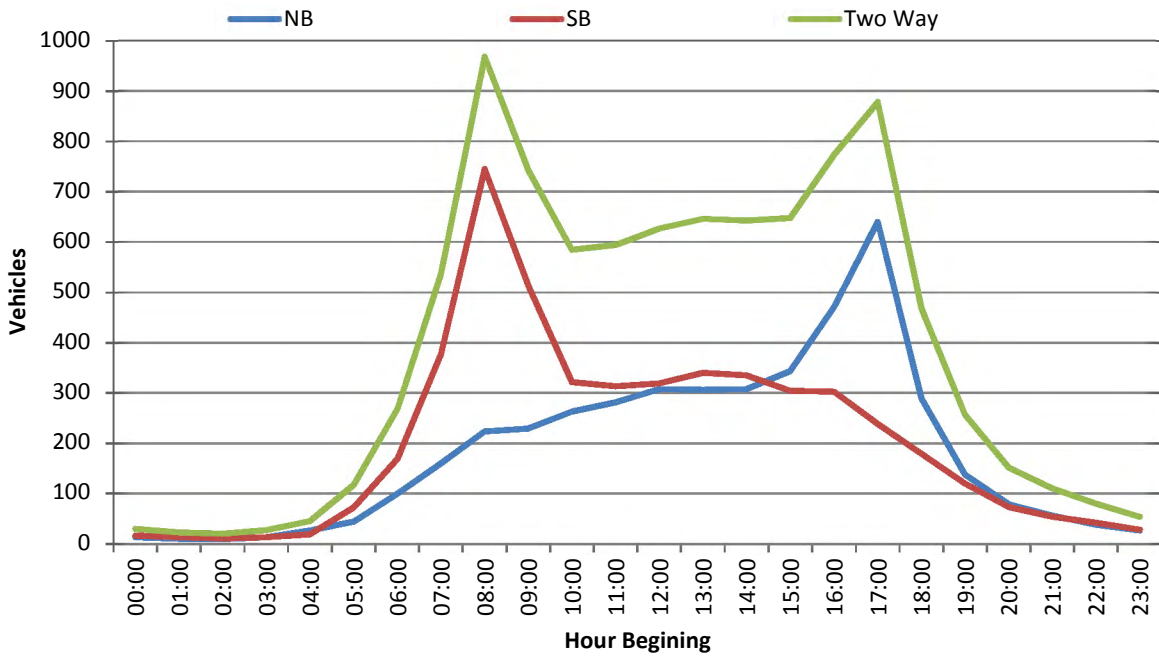


Plate 13-9
24hr Weekday Traffic Profile – Kilshane Road



- 13.94 Table 13.2 and Plate 13-8 demonstrates that traffic flows on North Road are relatively light, with the vast majority of the two-way traffic flows consisting of northbound vehicle movements (due to North Road, which previously served as the N2 National Primary Road, terminating 820m south of the N2 off-slip).
- 13.95 Table 13.3 and Plate 13-9 demonstrates that traffic flows on Kilshane Road are subject to a tidal traffic flow pattern whereby a higher level of traffic heads southbound during the AM peak and a higher level of traffic heads northbound during the PM peak. The graph is almost symmetrical.

Committed Development

- 13.96 A waste licence application for a proposed inert waste recovery facility at Huntstown and the backfilling of the existing North Quarry was submitted to and is awaiting a decision from the Environmental Protection Agency (EPA Ref.W0277-01).
- 13.97 The estimated volume of material to be placed at the application site is approximately 3,840,000m³. The duration of backfilling activities at the quarry void will largely be dictated by the rate at which externally sourced inert soil and stone is imported to the site. In light of these and other variables, calculation of intake rates and duration is not an exact science.
- 13.98 It is estimated that the rate of importation of inert materials to the quarry void could average around 400,000 tonnes per annum and increase to a maximum of 750,000 tonnes per annum should a large scale infrastructure or development project proceed at some stage within the surrounding catchment area during its operational life. If an average importation rate of 400,000 tonnes per year is assumed, the expected operational life of the waste recovery facility would be 18 years.
- 13.99 An assumed annual average intake of up to 400,000 tonnes per year corresponds to an average daily trip rate of 70 HGV movements into and 70 HGV movements out of the North Quarry per day. Should the rate of backfilling accelerate to 750,000 tonnes per year on account of a large scale development or infrastructure project (such as Metro North or Dart Underground), the daily HGV trip rate could increase to approximately 130 HGV movements into and 130 HGV movements out of the quarry per day.
- 13.100 It is envisaged that almost all HGV's importing material to the proposed inert soil recovery facility at Huntstown will approach the site along the M50 Motorway and/or N2 Dual Carriageway and enter the site using the existing North Road entrance. All committed development traffic has been applied to the North Road entrance.
- 13.101 Roadstone Wood Ltd are still awaiting the granting of the waste license for the North Quarry and as such the recent traffic surveys undertaken at the application site did not include vehicular trips associated with this activity.

13.102 Therefore, for the purposes of a worst case assessment, committed development traffic will be considered within this assessment on the basis of 750,000 tonnes per year of back filling, which would result in a daily HGV trip rate of approximately 130 HGV movements into and 130 HGV movements out of the quarry per day. Across an eleven hour day this equates to 12 arrivals and 12 departures per hour.

13.103 No other committed development in the local area has been established and no imminent development has been highlighted by Fingal County Council which should be considered as part of the base transport conditions.

TRIP GENERATION

Existing Trip Generation

13.104 The existing quarry is currently processing on average 3,500 tonnes per day and operates on a 6 day week single shift basis employing c.49 members of staff. This generates a number of vehicle movements per day, comprising of HGVs (quarried material etc) and light vehicles (staff, deliveries, maintenance etc).

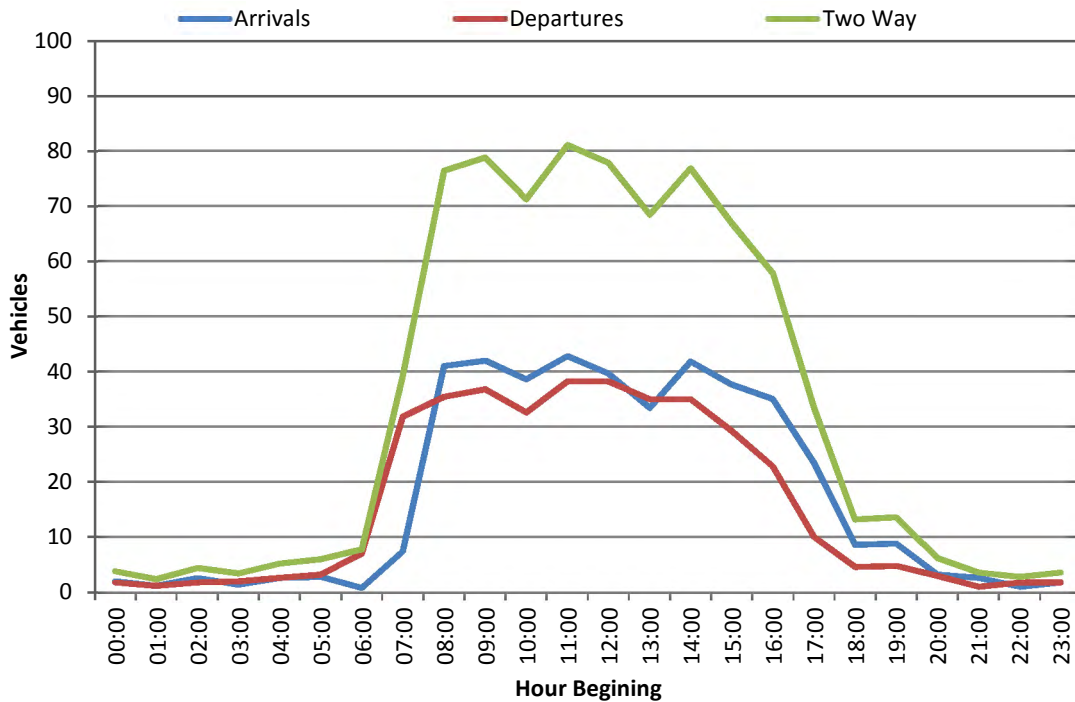
13.105 In order to record the level of existing vehicular movement an additional 7 day ATC was also commissioned by SLR Consulting Ltd on the existing quarry access road. The traffic counts were carried out between 22nd September 2011 and 28th September 2011 by traffic survey specialists Count-on-us. The results in terms of the Annual Average Weekday Traffic flow (AAWTF), therefore typical weekday, are summarised below in Table 13.4.

**Table 13.4
Existing Quarry Trip Generation**

Vehicle Type	Daily (0000-2400HRS)		AM Peak Hour (0800-0900HRS)		PM Peak Hour (1700-1800HRS)	
	In	Out	In	Out	In	Out
Light Veh.	284	215	25	26	21	4
Heavy Goods Veh.	138	167	16	9	2	6
Total Vehs.	422	382	41	35	23	10

13.106 The results also enable a traffic profile to be determined for a typical weekday's activity at the existing quarry; illustrated in graph form at Plate 13-10.

Plate 13-10
24hr Weekday Traffic Profile – Existing Quarry Traffic



13.107 Table 13.4 and Plate 13-10 demonstrates that traffic flows on the existing quarry access road have a relatively flat profile throughout the working day and, as expected, flows are broadly similar in both southbound and northbound directions. Two-way traffic movements peak between 11:00 – 12:00, at 81 vehicles.

Historic Trip Generation

13.108 In addition to the existing quarry vehicle movements, Roadstone Wood Ltd has also provided daily vehicle figures for the historic use at the application site. The information includes the level of materials imported and exported every year from 2007 to 2010. Materials exported off site include stone, blocks, ready-mix concrete and asphalt. Materials imported to site include sand, C+D waste and inert soil for recycling. Owing to commercial sensitivities a full breakdown cannot be provided.

13.109 The purpose of this exercise is to determine the level of future trip generation potential based upon activity fluctuations over recent years. A marked fall in demand for construction materials has been experienced in light of the current economic downturn.

13.110 Traffic data for each year has been calculated on the basis of average payloads and the number of working days in a year (assumed as 6 working day weeks over 48 weeks). Table 13.5 below provides a summary of the vehicular trip generation at the application site since 2007.

Table 13.5
Historic Quarry Vehicular Trip Generation

Operation	2007	2008	2009	2010
Export	1,746,000t	1,952,100t	1,298,900t	786,500t*
Import	331,700t	183,100t	27,200t	7,700t*
HGV Trips				
Annual HGV	103,885	106,760	66,305	39,710
Ave. Daily HGV	722	742	462	276
Ave. Hourly HGV	66	68	42	26

* Extrapolated from 11 month data up to November 2010

13.111 Table 13.5 shows that in terms of recent activity, site operation that occurred in the year 2008 in terms of exports and imports generated the highest volumes of materials and therefore generated the most vehicular traffic. In 2008, the average daily HGV trips were 742; equating to 68 hourly HGV trips on average.

Proposed Trip Generation

13.112 As the planning application relates to the continuance of use of the existing quarrying operation, the proposed development details are the same as existing.

13.113 However, as detailed previously, due to the recent economic downturn and the resultant marked fall in demand for construction materials, the existing quarrying operation is currently operating well below the historic annual output. In terms of vehicular trip generation, the existing traffic survey results as shown within Table 13.4 detail that the existing (2011) total daily HGV movements equate to 305.

13.114 In order to ensure a robust assessment of the local road network is undertaken the historic quarry vehicular trip generation as outlined within Table 13.5 will be utilised; year 2008 representing the 'worst case scenario' where the average daily HGV trips equated to 742.

13.115 Table 13.6 provides an overall traffic forecast (including light vehicles, as recorded on site and detailed within Table 13.4).

Table 13.6
Full Operation Traffic Forecast

Vehicle Type	Daily (0000-2400HRS)		AM Peak Hour (0800-0900HRS)		PM Peak Hour (1700-1800HRS)	
	In	Out	In	Out	In	Out
Light Veh.	284	215	25	26	21	4
Heavy Goods Veh.	742	742	68	68	68	68
Total Vehs.	1,026	957	93	94	89	72

HIGHWAY IMPACT

13.116 Vehicular traffic impact has been assessed in accordance with the National Roads Authority adopted document 'Traffic and Transportation Guidelines – September 2007'.

13.117 It is noted that the local highway network currently accommodates traffic associated with the operation of the application site without any issues. Additionally, this assessment has been based upon a 'worst case scenario' whereby the site is assumed to be operating at the highest levels of production as detailed within Table 13.5.

13.118 Notwithstanding this, a link capacity assessment has been undertaken in order to quantify the impact that the proposals will have on the surrounding highway network.

Area of Analysis

13.119 As previously detailed, the area of analysis in terms of highway impact has been determined as North Road and Kilshane Road. This represents the area over which it is considered that the impacts of the proposed development may have some material impact that requires detailed assessment.

Methodology

13.120 To ensure that the local highway network is able to accommodate the proposed development traffic, link capacity assessments have been undertaken on the basis of a 'worst case scenario' whereby the application site is assumed to be operating at the highest levels of production as detailed within Table 13.5. Base traffic observed on the network, committed development traffic associated with the granting of the waste license for the North Quarry and a forecast of the proposed development traffic has been assessed in order to produce a proposed scenario.

Distribution and Assignment

- 13.121 It is proposed that the secondary entrance accessed off Kilshane Road located on the western edge of the site will be retained for emergency situations only, therefore the primary site entrance accessed off North Road located on the eastern edge of the site will be utilised by all development generated vehicle trips.
- 13.122 As such, all the development generated vehicle trips have been distributed in line with the existing traffic patterns as surveyed, at the primary site access on North Road; all traffic generated by the proposed development routing to/from the north via North Road, providing access to Dublin and the North via the N2/M2 Motorway.
- 13.123 All North Road traffic shall be included within the assessment, whereas in reality, due to the location of the ATC being north of the N2 off-slip, a proportion of the traffic would turn left towards the site access and avoid the area of analysis. This provides a further robust assessment.
- 13.124 Additionally, it is envisaged that all HGV’s importing material to the proposed inert soil recovery facility at Huntstown will approach the site along the M50 Motorway and/or N2 Dual Carriageway and enter the site using the existing North Road entrance. All committed development traffic has been applied to the North Road entrance.

Link Capacity

13.125 To ascertain the impact of the development proposals on the capacity of the surrounding highway network, two scenarios have been assessed; the forecasted traffic levels for the ‘worst-case scenario’, referred to as ‘Full Operation’ and the forecasted traffic levels for the ‘worst-case scenario’ added to the committed development. These have been set against the baseline traffic flows (traffic surveys minus existing quarry traffic) in order to calculate the percentage impact. A summary is presented in Table 13.7 below.

**Table 13.7
North Road Link Capacity Summary**

Period	North Road NB	North Road SB	2 Way
Baseline Traffic 24HR AAWT	4,082 (670)	259 (43)	4,341 (713)
Full Operation	575 (575)	604 (604)	1,179 (1,179)
Impact (%)	14.0 (85.8)	233.2 (1,404.7)	27.2 (165.4)
Full Operation + Committed Development	705 (705)	734 (734)	1,439 (1,439)
Impact (%)	17.3 (105.2)	283.4 (1,707.0)	33.1 (201.8)

*Total Vehicles (HGV)

- 13.126 The Guidelines for Traffic Impact Assessment 1994 suggest that an increase in the existing traffic flow which exceeds 10% would constitute a traffic impact. Where traffic congestion exists, or would exist under new flows, a 5% increase would constitute a traffic impact.
- 13.127 Although the percentage increase in traffic flow on North Road is higher than desirable, particularly the percentage increase in HGV levels, the scale of the impact is primarily due to the existing light traffic flows. North Road terminates south of the site access so there is no through traffic from the south.
- 13.128 The adequacy of North Road in link capacity terms can be determined by reference to TA79/99¹. North Road has been determined as a Carriageway Standard Urban All Purpose 3 (UAP3). The standard states that a 7.3m wide road with UAP3 Standard characteristics can accommodate in the order of 1,300 vehicles per hour in the busiest direction of travel (assuming a 60/40 directional split), equating to a two-way flow of 2,166 vehicles.
- 13.129 The highest hourly two-way traffic flow recorded on North Road was during the weekday AM peak period at 0800HRS where 379 vehicles were counted. This would suggest that in terms of link capacity North Road is currently within the guidelines at approximately 17.5% theoretical capacity during its busiest period.
- 13.130 The forecasted traffic levels for the 'worst-case scenario', referred to as 'Full Operation', predicts that the highest hourly two-way traffic flow on North Road during the weekday AM peak period will be 566 vehicles. This would suggest that in terms of link capacity North Road would continue to operate within the guidelines at approximately 26% theoretical capacity during its busiest period.
- 13.131 Even with the addition of committed development traffic to the forecasted traffic levels for the 'worst-case scenario', North Road would continue to operate within the guidelines at approximately 27% theoretical capacity during its busiest period.
- 13.132 It is therefore considered that the development proposals would not adversely affect the operation of the surrounding highway network and that the network would continue to perform well within capacity.

Driver Delay

- 13.133 Delay to drivers is generally caused at junctions and is only likely to be significant when the network is close to capacity.
- 13.134 Anticipated vehicle movements on North Road are considered to be well within the available reserve capacity of the highway network and as such would operate within capacity during the operational phase with no significant driver delay expected.

¹ Design Manual for Roads & Bridges TA79/99 Determination of Urban Road Capacity

13.135 It is therefore anticipated that the development proposals would have minimal impact on driver delay throughout the surrounding road network.

Public Transport

13.136 It has been demonstrated that the surrounding highway network has sufficient reserve capacity to accommodate traffic generated during the operational phase and the impacts on buses would be negligible.

13.137 It is therefore concluded that the development proposals would have negligible impact on the operation and capacity of the local bus network.

Pedestrian Amenity

13.138 Pedestrian facilities on the surrounding highway network are fairly limited, with the likelihood of quarry staff walking to work being small.

13.139 There have been no reported incidents of road traffic accidents involving pedestrians within the previous five years.

13.140 In light of the above, no significant impact on pedestrian amenity is envisaged. Notwithstanding this fact, all HGV drivers accessing the application site would be briefed to pay particular attention to road safety and to the presence of pedestrians.

Cyclist Amenity

13.141 Cycling facilities on the surrounding highway network are fairly limited, with the likelihood of quarry staff cycling to work being small.

13.142 There have been no reported incidents of road traffic accidents involving cyclists within the previous five years.

13.143 In light of the above, no significant impact on cyclist amenity is envisaged. Notwithstanding this fact, all HGV drivers accessing the application site would be briefed to pay particular attention to road safety and to the presence of cyclists.

ENVIRONMENTAL POLICIES

EN16001 Energy Management System Accreditation

13.144 Roadstone were the first construction and quarrying company to achieve Sustainable Energy Ireland's EN16001 Environmental Management rating for a pilot project launched at Slane Quarry in Co. Meath. In doing so, Roadstone reduced energy consumption by 10% and implemented the certification standard across another eight locations in Ireland, one of which being Huntstown Quarry in Dublin.

13.145 The EN16001 Energy Management Standard was established to recognise standards achieved by businesses that have created systematic approaches

for improving their energy performance on a continuous basis. It specifies the requirement for continuous improvement through using energy more efficiently.

- 13.146 To achieve accreditation, Roadstone was required to implement, maintain and improve an Energy Management System for all energy-consuming aspects of the operation, from front-end quarrying activities, such as the use of explosives, to back-end business-support and administration services.
- 13.147 As an initial step, Roadstone worked with Sustainable Energy Ireland to develop an analysis of the existing energy-consuming systems on site, ranging from the machinery used in the extraction and processing of rock to the daily consumption of energy at the site's offices and administration centre. Next, a number of Key Performance Indicators (KPIs) were assigned to all energy-consuming areas of the operation, the aim of which was to measure the energy consumption over time and to monitor any improvements which might result from the implementation of new work practices.
- 13.148 Fuel represents the largest amount of energy consumed, ranging from the fuel used in the production of blacktop products to the fuelling of vehicles used to transport extracted material from site. A KPI based on 'number of litres used per tonne' was instigated to monitor and improve fuel consumption.
- 13.149 As well as installing the new KPI measurements at the quarry, Roadstone have an ongoing programme in place to educate and assist employees in terms of the contribution they could make to ensure that IS393 accreditation is maintained, requiring every member of staff to monitor how they use all types of energy and seek to reduce, or make more efficient, the use of that energy.

HG V Traffic

- 13.150 The applicant is aware that HG V traffic can be of concern to both local residents and users of the highway network.
- 13.151 The vast majority of HG Vs accessing the application site would originate from the quarry and therefore the applicant has considerable control over the behaviour of drivers. All drivers accessing the application site would be encouraged to operate and maintain their vehicles with the utmost regard for the environment and road safety. Drivers would be required to adopt a courteous driving policy both within the site boundary and on the highway network.
- 13.152 Drivers would be given a routing plan which would emphasise the requirement to travel via the strategic road network wherever possible and avoid unnecessary travel through urban and residential areas.

MITIGATION

- 13.153 It has been demonstrated in this Chapter that the development proposals would generate an increase in HG V movements on the surrounding local road network when compared to existing levels. HG V traffic can be of particular

concern to both local residents and highway users, and the mitigation measures outlined below are designed to alleviate any adverse impacts:

- Roadstone Wood Ltd would adhere to a routing policy to ensure all movements are made via the strategic road network to avoid HGV's passing through residential areas as far as is practical; and
- Roadstone Wood Ltd would employ a policy of safety and environmental awareness for all HGV drivers accessing the site.

ENVIRONMENTAL IMPACT

13.154 Taking into account all the factors assessed in this Chapter, a final analysis of the impact resulting from the development proposals has been undertaken and is summarised within Table 13.8 below:

**Table 13.8
Summary of Environmental Impact**

Potential Impact	Impact Duration	Significance	Mitigation	Residual Impact
Highway Capacity	Permanent	Insignificant	Nil	Insignificant
Driver Delay	Permanent	No impact	N/A	No impact
Road Safety	Permanent	No impact	Nil	No impact
Detritus on Highway Network	Permanent	No impact	Good management practice	No impact
Pedestrian/Cycle Amenity	Permanent	No impact	N/A	No impact

13.155 It is considered that the development would have an insignificant impact in respect of traffic and transportation.

CONCLUSIONS

13.156 This Chapter assesses the traffic and transport implications of the proposed continuance of use of Huntstown Quarry at North Road, Finglas, Co. Dublin; based on an annual output of c.2M tonnes over a life of 35 years.

13.157 The principal purpose of this Chapter was to provide a detailed consideration of the development in terms of its implications for highway and transportation matters. This included details of all the traffic and movement activity associated with the development proposals and as a result the overall traffic and transport impact of the application site.

13.158 In accordance with the scale of development and location, realistic consideration has been given to the non-car accessibility of the site. This demonstrated that non-car accessibility is adequate for the type of development located in this area.

- 13.159 The application site is well located in terms of access to the strategic highway network and all HGV traffic would be routed on roads considered suitable to accommodate frequent HGV movements.
- 13.160 Due to the recent economic downturn and the resultant marked fall in demand for construction materials, the existing quarrying operation is currently operating well below the historic annual output. In terms of vehicular trip generation, the existing traffic survey results detailed that the existing (2011) total daily movements equate to 305.
- 13.161 In order to ensure a robust assessment of the local road network was undertaken, the historic quarry vehicular trip generation was utilised; year 2008 representing the 'worst case scenario' where the average daily HGV trips equated to 742.
- 13.162 A link capacity assessment has determined that the traffic impact resulting from the application proposals on North Road exceeds the recommended guidelines, particularly the percentage increase in HGV levels; however the scale of the impact is primarily due to the existing light traffic flows. North Road terminates south of the site access so there is no through traffic from the south.
- 13.163 The adequacy of North Road in link capacity terms has been determined. The link is currently within the guidelines at approximately 17.5% theoretical capacity during its busiest period. The addition of the development traffic for the 'worst case scenario', referred to as 'Full Operation', suggests that North Road would continue to operate within the guidelines at approximately 26% theoretical capacity during its busiest period. Even with the addition of committed development traffic to the forecasted traffic levels for the 'worst-case scenario', North Road would continue to operate within the guidelines at approximately 27% theoretical capacity during its busiest period.
- 13.164 It has been demonstrated therefore that the surrounding highway network will operate adequately in the future situation and development traffic will have minimal impact, with North Road already experiencing established HGV use.
- 13.165 A review of accidents recorded on the surrounding highway network covering the period from 2005 to 2009 showed that no fatal or serious incidents were recorded at either the North Road quarry access or Kilshane Road quarry access. The one fatal incident and one serious incident recorded both occurred at Kilshane Cross. Two minor incidents occurred in close proximity to the North Road quarry access; however on closer inspection it appears these took place prior to the N2 Primary Road improvements. None are therefore specifically relevant to the development proposals, both in terms of location and incident detail. It is considered that there is no accident issue which the development proposals could be perceived as contributing towards; the proposed development would not have a significant impact on road safety.
- 13.166 Overall, it is considered that the development proposals would have a minimal impact in terms of highways and transport. For the above reasons, the proposed development of the site accords with the national, regional and

county planning policies and is considered to be acceptable in traffic and transport terms.

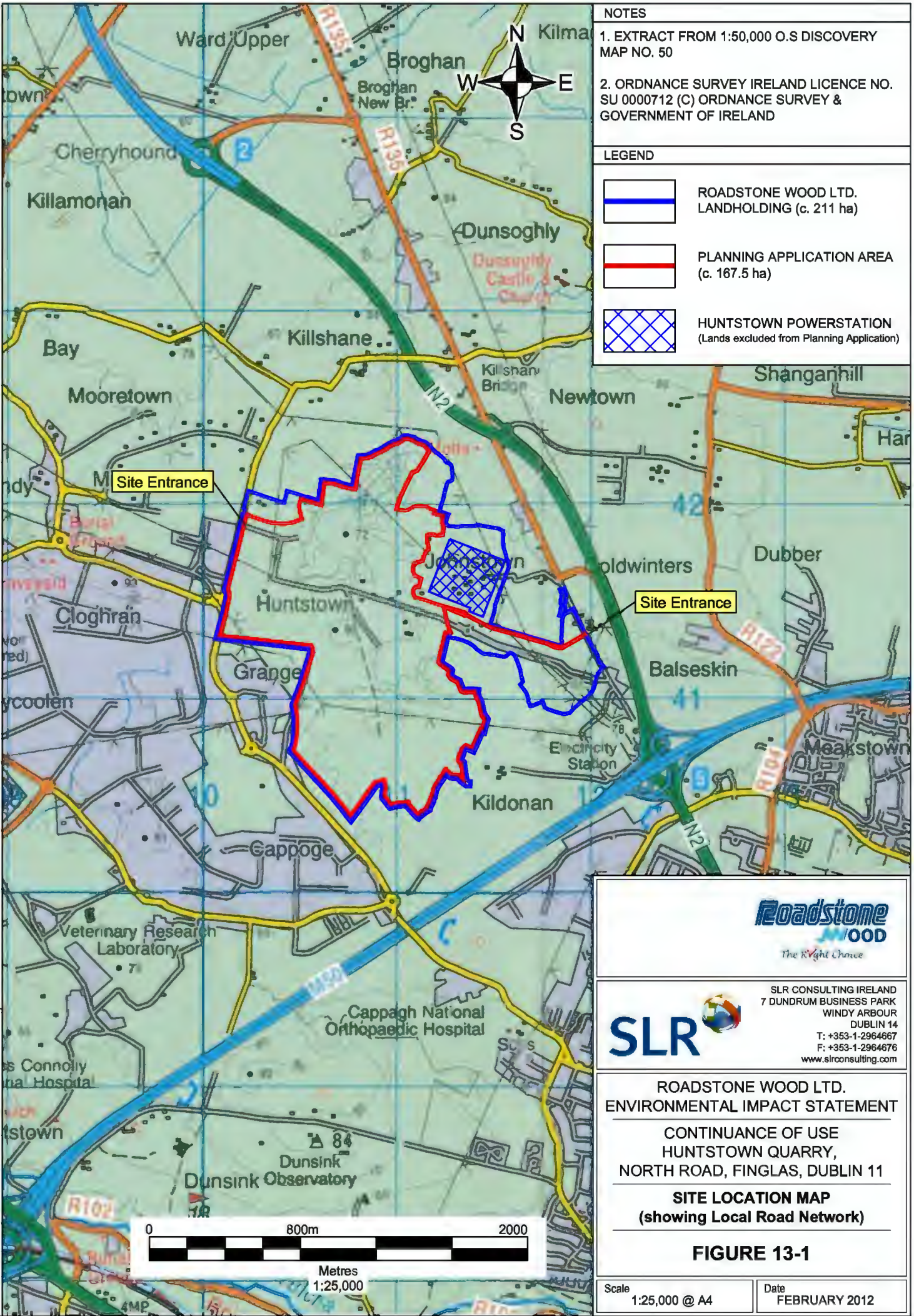
13.167 A number of mitigation measures have been suggested by the applicant. With these in mind, it has been concluded that development traffic would not create a significant adverse environmental impact on the surrounding road network.

13.168 In overall terms, it is concluded that the development proposals would have minimal impact in terms of transportation and highways, and would be not significant in terms of the EIA Regulations.

FIGURES

Figure 13-1 Site Location Map (& Surrounding Road Network)




Figure 13-2 Site Aerial Photograph




NOTES

- EXTRACT FROM 1:50,000 O.S DISCOVERY MAP NO. 50
- ORDNANCE SURVEY IRELAND LICENCE NO. SU 0000712 (C) ORDNANCE SURVEY & GOVERNMENT OF IRELAND

LEGEND

	ROADSTONE WOOD LTD. LANDHOLDING (c. 211 ha)
	PLANNING APPLICATION AREA (c. 167.5 ha)
	HUNTSTOWN POWERSTATION (Lands excluded from Planning Application)



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ROADSTONE WOOD LTD.
 ENVIRONMENTAL IMPACT STATEMENT

CONTINUANCE OF USE
 HUNTSTOWN QUARRY,
 NORTH ROAD, FINGLAS, DUBLIN 11

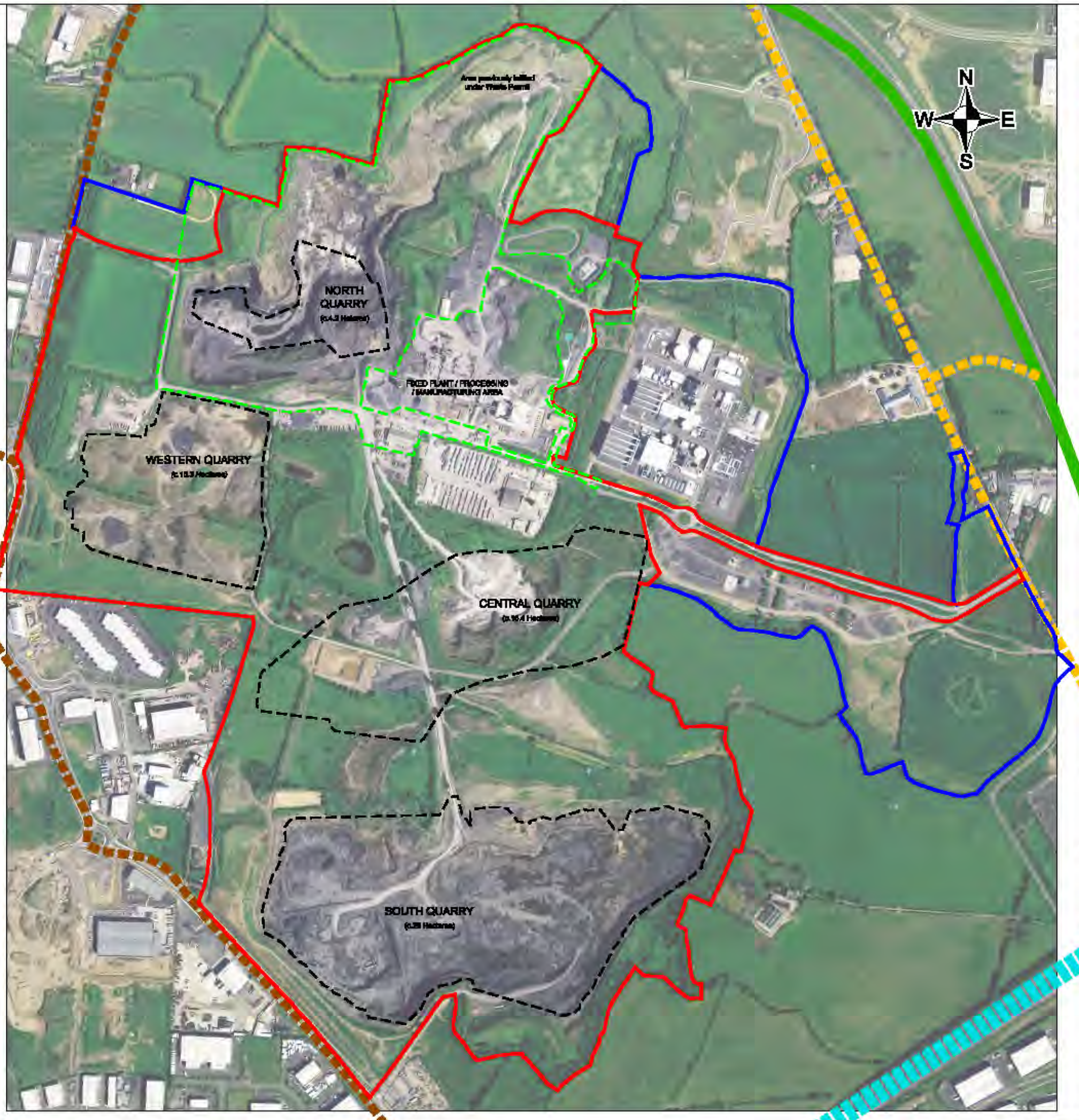
SITE LOCATION MAP
 (showing Local Road Network)

FIGURE 13-1

Scale 1:25,000 @ A4	Date FEBRUARY 2012
------------------------	-----------------------

00180.11.4.18.13-1.R0.SITE LOCATION MAP R0.dwg

- 1. EXTRACT FROM EUROPEAN AIR SURVEYS AERIAL PHOTOGRAPH
- 2. ORDNANCE SURVEY IRELAND LICENCE NO. SU 0000712 (C) ORDNANCE SURVEY & GOVERNMENT OF IRELAND



LEGEND	
	ROADSTONE WOOD LTD. LANDHOLDING (c. 211 ha)
	PLANNING APPLICATION AREA (c. 167.5 ha)
	M50 MOTORWAY
	N2 DUAL CARRIAGEWAY
	NORTH ROAD (R135)
	LOCAL ROAD
	EXTENT OF PROPOSED EXTRACTION AREAS (Total c.66.9 ha)
	WASTE LICENCE APPLICATION AREA - W0277-01 (c.35.9 ha)

Roadstone WOOD
The Right Choice

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**ROADSTONE WOOD LTD.
ENVIRONMENTAL IMPACT STATEMENT**

**CONTINUANCE OF USE
HUNTSTOWN QUARRY,
NORTH ROAD, FINGLAS, DUBLIN 11
SITE AERIAL PHOTOGRAPH**

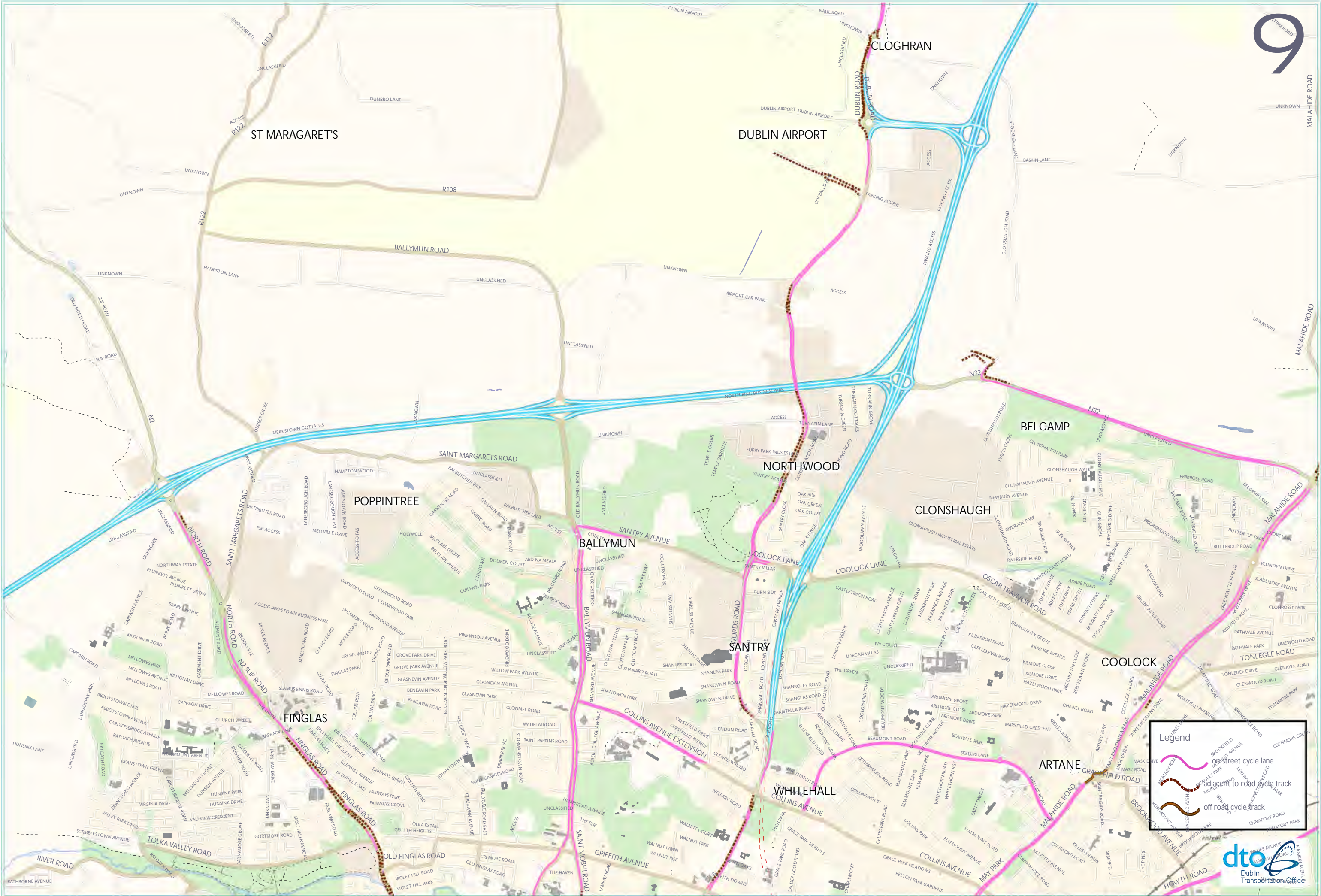
FIGURE 13-2

Scale Not to Scale @ A3	Date NOVEMBER 2012
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APPENDICES

Appendix 13-A	Cycle Route Plans
Appendix 13-B	Bus Route Plan & Timetable
Appendix 13-C	Traffic Count Surveys

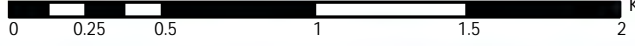
Appendix 13-A
Cycle Route Plans

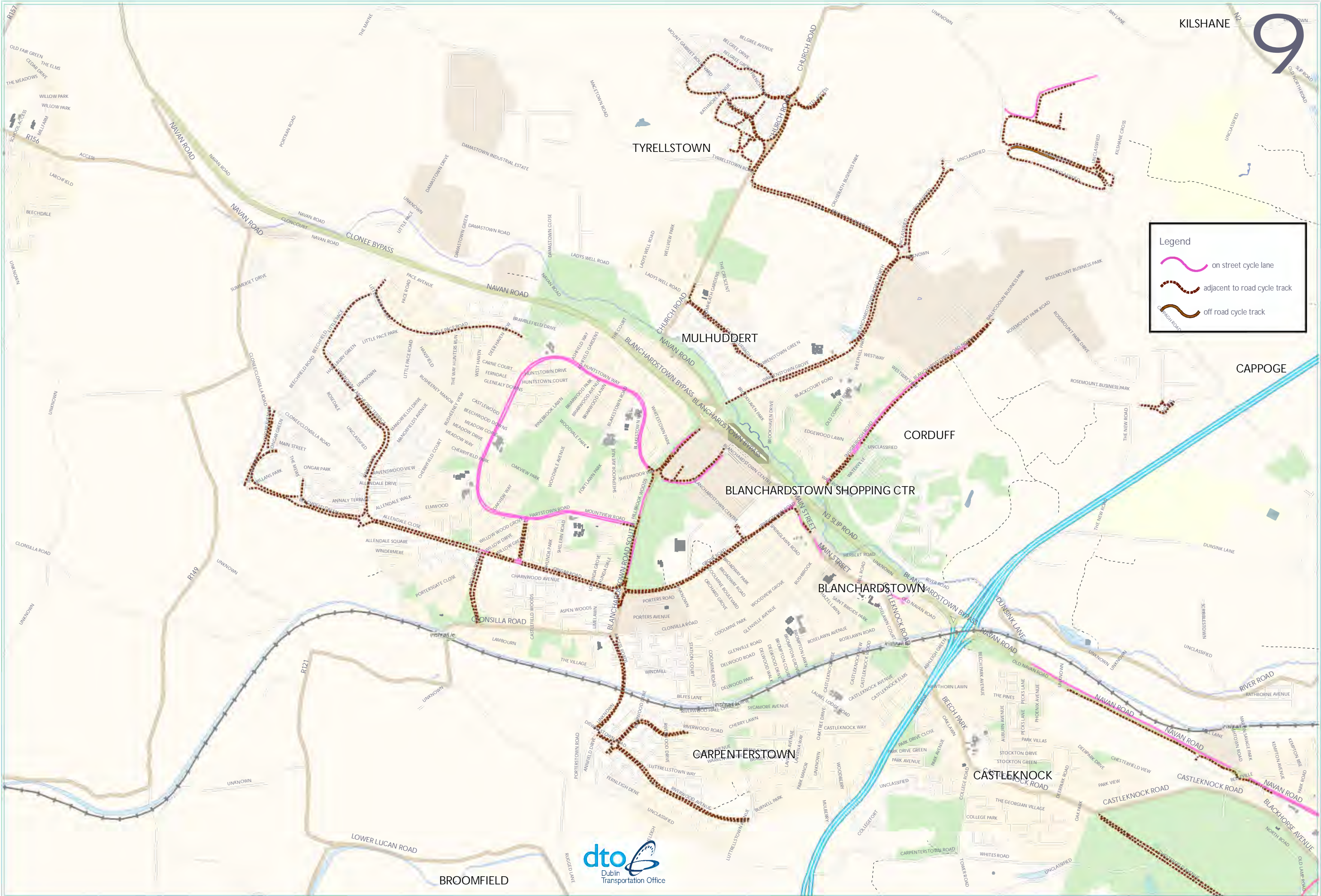


Legend




- Street cycle lane
- adjacent to road cycle track
- off road cycle track

1 centimetre equals 250 metres





Legend

-  on street cycle lane
-  adjacent to road cycle track
-  off road cycle track

1 centimetre equals 250 metres



0 0.25 0.5 1 1.5 2 Kilometers



Appendix 13-B
Bus Route Plan & Timetable



Bus Éireann

Network Map

Also includes Ulsterbus Goldline Network

Note
Ulsterbus also operate an extensive network of local bus services in Northern Ireland.



Note
Numbers shown beside routes refer to table numbers in the Bus Éireann National Timetable. Where a number is underlined (eg 132) the service runs less than 5 days per week. Where a number is boxed (eg 252) the service operates for the summer period only. See relevant table for exact dates.

To aid clarity, certain local bus services operated by Bus Éireann have been omitted from this network map.

Full details of all Bus Éireann Services are given in the National Timetable. All locations served are listed in the index at the front of the Timetable.

© Bus Éireann May 2010 Website: <http://www.buseireann.ie>
E-mail: info@buseireann.ie

- Bus Éireann Expressway Coach Service – Year Round
- Bus Éireann Expressway Coach Service – Summer Only
- Note:** Expressway Services stop only at locations listed in the relevant section of the timetable
- Bus Éireann Local Bus Service – Year Round
- Bus Éireann Local Bus Service – Summer Only
- Note:** Local Bus Services stop on request at all points on route
- Expressway Service – Operated in conjunction with Ulsterbus
- Ulsterbus Goldline Service – Tel: Belfast (028) 90666630
- Operated in conjunction with McGeehan Coaches
- The Swilly Bus Service – Tel: (074) 9361340
- Bus Éireann Day Tour Destination
- Bus Éireann Local Town and City Service
- Principal Bus Éireann Information Offices
- Airports
- Local Car / Passenger Ferry
- Northern Ireland Border
- County Boundary

Bus Éireann / Eurolines Coach and Ferry Service. To / from Britain and Europe.

Bus Éireann / Eurolines Coach and Ferry Service. To / from Britain and Europe.

**NEW TIMETABLE EFFECTIVE
SUNDAY 27th MAY 2012**



Table No.

DUBLIN – ASHBOURNE – KILMOON – DULEEK

103

MONDAY TO FRIDAY

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103	
Dublin (Beresford Place) dep.	....	....	....	....	0610	....	0700	0730	0750	0810	0830
Hart's Corner	....	0530	0550	0600	P	....	P	P	P	P	P
Ashbourne (Kelly's)	....	0555	0615	0625	0645	....	0740	0805	0825	0845	0905
Tayto Park	....	....	....	....	....	....	....	....	....	....	....
Kilmoon Cross	....	0600	0620	0630	0655	....	0750	....	0835	0855	0915
Duleek (Smith's)	arr.	....	....	0645	0705	....	....	....	....	....	....
Ratoath (Auld Stand)	arr.	....	....	....	....	....	....	0815	....	....	....

MONDAY TO FRIDAY

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103	103
Dublin (Beresford Place) dep.	0850	0910	0930	0950	1010	1030	1050	1110	1130	1150	1210
Hart's Corner	P	P	P	P	P	P	P	P	P	P	P
Ashbourne (Kelly's)	0930	0950	1010	1030	1050	1110	1130	1150	1210	1230	1250
Tayto Park	....	....	....	....	1055	....	....	....	....	....	....
Kilmoon Cross	....	1000	....	....	1100	....	....	1200	....	....	1300
Duleek (Smith's)	arr.	....	....	....	....	....	....	1210	....	....	....
Ratoath (Auld Stand)	arr.	0940	....	1020	1040	....	1120	1140	....	....	1240

MONDAY TO FRIDAY

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103	103
Dublin (Beresford Place) dep.	1230	1250	1310	1330	1350	1410	1430	1450	1510	1530	1550
Hart's Corner	P	P	P	P	P	P	P	P	P	P	P
Ashbourne (Kelly's)	1310	1330	1350	1410	1430	1450	1510	1530	1550	1610	1630
Tayto Park	....	....	....	....	....	....	....	....	....	....	....
Kilmoon Cross	....	....	1400	....	....	1500	....	....	1600	....	....
Duleek (Smith's)	arr.	....	1410	....	....	....	....	....	....	....	....
Ratoath (Auld Stand)	arr.	1320	1340	....	....	1440	....	1520	1540	....	1620

MONDAY TO FRIDAY

SERVICE NUMBER	103	103X	103	103	103	103	107	103	103	103	
Dublin (Beresford Place) dep.	1610	1630	1630	1650	1710	1730	1740	....	1800	1820	1840
Hart's Corner	P	P	P	P	P	P	P	....	P	P	P
Ashbourne (Kelly's)	1655	1715	1715	1735	1755	1815	1825	....	1845	1900	1925
Tayto Park	....	....	....	....	....	....	....	....	....	....	....
Kilmoon Cross	1705	....	1725	1745	....	1825	1835	....	1905	1910	....
Duleek (Smith's)	arr.	....	....	1755	....	1840	....	....	....	....	....
Ratoath (Auld Stand)	arr.	....	1730	....	....	1810	....	....	....	....	1935

MONDAY TO FRIDAY

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	
Dublin (Beresford Place) dep.	1910	1920	....	2000	2040	2130	....	2230	2330	....
Hart's Corner	P	P	....	P	P	P	....	P	P	....
Ashbourne (Kelly's)	1945	2000	....	2040	2115	2205	....	2305	0010	....
Tayto Park	....	....	....	....	....	....	....	....	....	....
Kilmoon Cross	1955	2010	....	....	2125	....	....	2315	....	....
Duleek (Smith's)	arr.	2020	....	....	....	....	....	....	....	....
Ratoath (Auld Stand)	arr.	....	....	2050	....	2215	....	....	0020	....

P : - Pick-up stop only.

**SERVICES FROM DUBLIN PICK-UP AT WHITWORTH ROAD AND HART'S CORNER.
SEE TABLE 105 FOR FULL DUBLIN/RATOATH TIMETABLE.**

No services on Christmas Day. Enquire about St. Stephen's Day services.

M = Operates via M2 motorway.

G = Serves Curragea at 1855.

E = Do not operate on Christmas Eve nor New Year's Eve.

SEE TABLE 109A FOR DETAILS OF DIRECT ASHBOURNE/DUBLIN AIRPORT SERVICES.

DULEEK – KILMOON – ASHBOURNE – DUBLIN**103****MONDAY TO FRIDAY**

SERVICE NUMBER		103	103	103	103	103	107		103	105	103	
Duleek (Smith's)	dep.	....	....	....	....	....	0655	....	....	0715	....	....
Ratoath (Auld Stand)	↓	....	....	....	....	0700	....	....	....	0745	....	....
Kilmoon Cross		0610	....	0630	0650	....	0710	0715	....	0730	....	0800
Tayto Park		....	....	....	....	....	....	....	....	....	....	....
Ashbourne (Kelly's)	↓	0625	....	0645	0705	0715	0725	0730	....	0745	0800	0815
Dublin (Beresford Place)	arr.	0720	....	0740	0800	0810	....	....	....	0840	....	0900
Dublin (St. Stephen's Green)	arr.	....	....	....	....	....	0820	0825	....	....	0845	....
UCD Belfield	arr.	....	....	....	....	....	0840	0845	....	....	0905	....

MONDAY TO FRIDAY

SERVICE NUMBER		103	103	103	103	103	103		103	103	103	
Duleek (Smith's)	dep.	....	....	....	....	....	....	....	....	....	....
Ratoath (Auld Stand)	↓	0820	....	....	....	0940	....	1025	....	1045	....	1125
Kilmoon Cross		....	0840	0900	0920	....	1010	....	....	....	1110	....
Tayto Park		....	....	....	....	....	....	....	....	....	....	....
Ashbourne (Kelly's)	↓	0835	0855	0915	0930	0955	1020	1040	....	1100	1120	1140
Dublin (Beresford Place)	arr.	0920	0940	1000	1020	1040	1100	1120	....	1140	1200	1220
Dublin (St. Stephen's Green)	arr.	....	....	....	....	....	....	....	....	....	....	....
UCD Belfield	arr.	....	....	....	....	....	....	....	....	....	....	....

MONDAY TO FRIDAY

SERVICE NUMBER		103	103	103	103	103	103	103	103	103	103	
Duleek (Smith's)	dep.	....	....	1215	....	....	....	....	....	1415	....	....
Ratoath (Auld Stand)	↓	1145	....	....	1245	....	1325	1345	....	....	1445	....
Kilmoon Cross		....	....	1230	....	1310	....	....	....	1430	....	1510
Tayto Park		....	....	....	....	....	....	....	....	....	....	....
Ashbourne (Kelly's)	↓	1200	1220	1240	1300	1320	1340	1400	1420	1440	1500	1520
Dublin (Beresford Place)	arr.	1240	1300	1320	1340	1400	1420	1440	1500	1520	1540	1600
Dublin (St. Stephen's Green)	arr.	....	....	....	....	....	....	....	....	....	....	....
UCD Belfield	arr.	....	....	....	....	....	....	....	....	....	....	....

MONDAY TO FRIDAY

SERVICE NUMBER		103	103	103	103	103	103	103		103	103	
Duleek (Smith's)	dep.	....	....	....	....	....	....	....	....	....	1800	....
Ratoath (Auld Stand)	↓	1525	1545	....	....	1625	1645	....	....	....	....	1820
Kilmoon Cross		....	....	....	1610	....	....	1720	1740	....	1810	....
Tayto Park		....	....	....	1615	....	....	....	....	....	....	....
Ashbourne (Kelly's)	↓	1540	1600	....	1620	1640	1700	1730	1750	....	1820	1830
Dublin (Beresford Place)	arr.	1620	1640	....	1700	1720	1740	1810	1830	....	1900	1910
Dublin (St. Stephen's Green)	arr.	....	....	....	....	....	....	....	....	....	....	....
UCD Belfield	arr.	....	....	....	....	....	....	....	....	....	....	....

MONDAY TO FRIDAY

SERVICE NUMBER		103	103	103	103	103	103		103	103		
Duleek (Smith's)	dep.	1845	....	....	....	2030	....	....	E	E		
Ratoath (Auld Stand)	↓	....	....	1940	....	....	2055	....	....	....
Kilmoon Cross		1900	1920	....	2000	2040	....	2130	....	2225	....	....
Tayto Park		....	....	....	....	....	....	....	....	....	2320	....
Ashbourne (Kelly's)	↓	1910	1930	1950	2010	2050	2110	2140	....	2240	2330	....
Dublin (Beresford Place)	arr.	1950	2010	2030	2050	2130	2150	2220	....	2320	0000	....
Dublin (St. Stephen's Green)	arr.	....	....	....	....	....	....	....	....	....	....	....
UCD Belfield	arr.	....	....	....	....	....	....	....	....	....	....	....

E = Do not operate on Christmas Eve nor New Year's Eve.

DUBLIN – ASHBOURNE – KILMOON – DULEEK**103****SATURDAYS**

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103
Dublin (Beresford Place) dep.	0700	0800	0830	0900	0930	1000	1030	1100	1130	1200
Ashbourne (Kelly's)	0740	0840	0910	0940	1010	1035	1110	1140	1210	1240
Tayto Park	|	|	|	|	|	1040	|	1145	|	|
Kilmoon Cross	0750	0850	0920	0950	1020	....	1120	1150	1220	1250
Duleek (Smith's) arr.	....	....	....	....	1030	....	....	....	....	....
Ratoath (Auld Stand) arr.	....	....	....	....	....	....	....	....	....	....

SATURDAYS

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103
Dublin (Beresford Place) dep.	1230	1300	1330	1400	1430	1500	1530	1600	1630	1700
Ashbourne (Kelly's)	1310	1340	1410	1435	1510	1540	1610	1640	1710	1740
Tayto Park	|	|	|	....	|	|	|	|	|	|
Kilmoon Cross	1320	1350	1420	....	1520	1550	1620	1650	1720	1750
Duleek (Smith's) arr.	....	....	1430	....	....	....	....	....	....	1800
Ratoath (Auld Stand) arr.	....	....	....	....	....	....	....	....	....	....

SATURDAYS

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103
Dublin (Beresford Place) dep.	1715	1730	1800	1830	1900	1930	2030	2130	2230	2330
Ashbourne (Kelly's)	1800	1810	1840	1910	1940	2010	2110	2205	2310	0010
Tayto Park	....	|	|	|	|	|	|	|	|	|
Kilmoon Cross	....	1820	|	1920	1950	|	2120	|	2320	|
Duleek (Smith's) arr.	....	1830	....	....	....	....	....	....	....	....
Ratoath (Auld Stand) arr.	....	....	1850	....	....	2020	....	2215	....	0020

SUNDAYS & PUBLIC HOLIDAYS

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103
Dublin (Beresford Place) dep.	0900	1000	1100	1130	1200	1300	1330	1400	1500	1600
Ashbourne (Kelly's)	0935	1035	1135	1205	1235	1335	1405	1435	1535	1635
Tayto Park	|	1040	1140	|	|	|	|	|	|	|
Kilmoon Cross	0945	1045	1145	|	1245	1345	|	1445	1545	|
Duleek (Smith's) arr.	....	....	....	....	1255	....	....	....	1555	....
Ratoath (Auld Stand) arr.	....	....	....	1213	....	....	1413	....	....	1650

SUNDAYS & PUBLIC HOLIDAYS

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103
Dublin (Beresford Place) dep.	1630	1700	1730	1800	1830	1900	2000	2100	2200	2330
Ashbourne (Kelly's)	1705	1735	1805	1835	1905	1935	2035	2135	2235	0010
Tayto Park	....	|	|	|	|	|	|	|	|	|
Kilmoon Cross	....	1745	|	1845	|	1945	|	2145	2245	|
Duleek (Smith's) arr.	....	....	....	....	....	1955	....	2155	....	....
Ratoath (Auld Stand) arr.	....	....	1813	....	1913	....	2045	....	....	0020

**SERVICES FROM DUBLIN PICK-UP AT WHITWORTH ROAD AND HART'S CORNER.
SEE TABLE 105 FOR FULL DUBLIN/RATOATH TIMETABLE.**

No services on Christmas Day. Enquire about St. Stephen's Day services.

DULEEK – KILMOON – ASHBOURNE – DUBLIN**103****SATURDAYS**

SERVICE NUMBER	103	103	105	103	107	103	103	103	103	103	103
Ratoath (Auld Stand) dep.	....	....	0745	....	....	....	....	....	....	....	....
Duleek (Smith's)	....	0700	....	....	....	....	....	....	....	1045	....
Kilmoon Cross	....	0715	....	0800	0830	0900	0930	1000	....	1100	1130
Tayto Park	....	....	....	....	....	....	....	....	....	....	....
Ashbourne (Kelly's)	0700	0730	0800	0810	0840	0910	0940	1010	1045	1110	1140
Dublin (Parnell Square)	....	....	....	....	....	....	....	....	....	....	....
Dublin (Beresford Place) arr.	0740	0810	0835	0850	0920	0950	1020	1050	1125	1150	1220

SATURDAYS

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103	103
Ratoath (Auld Stand) dep.	....	....	....	....	....	....	....	....	....	....	....
Duleek (Smith's)	....	....	....	....	....	....	1445	....	....	....	....
Kilmoon Cross	1200	1230	1300	1330	1400	....	1500	1530	1600	1630	1700
Tayto Park	....	....	....	....	....	....	....	....	1605	1635	....
Ashbourne (Kelly's)	1210	1240	1310	1340	1410	1440	1510	1540	1610	1640	1710
Dublin (Parnell Square)	....	....	....	....	....	....	....	....	....	....	....
Dublin (Beresford Place) arr.	1250	1320	1350	1420	1450	1520	1550	1620	1650	1720	1750

SATURDAYS

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103	103
Ratoath (Auld Stand) dep.	....	....	....	1855	....	....	2025	....	2225	....	F 0020
Duleek (Smith's)	....	....	1815	....	....	....	....	....	....	....	....
Kilmoon Cross	1730	....	1830	....	1930	2000	....	2130	....	2320	....
Tayto Park	....	....	....	....	....	....	....	....	....	....	....
Ashbourne (Kelly's)	1740	1810	1840	1910	1940	2010	2040	2140	2240	2330	....
Dublin (Parnell Square)	....	....	....	....	....	....	....	....	....	....	0050
Dublin (Beresford Place) arr.	1820	1850	1920	1950	2020	2050	2120	2220	2320	0010	....

SUNDAYS & PUBLIC HOLIDAYS

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103	103
Ratoath (Auld Stand) dep.	....	....	....	1215	....	....	1415	....	....	1655	....
Duleek (Smith's)	....	....	....	....	1300	....	....	....	1600	....	....
Kilmoon Cross	1000	1100	1200	....	1310	1400	....	1500	1610	....	....
Tayto Park	....	....	....	....	....	....	....	1505	1615	....	....
Ashbourne (Kelly's)	1010	1110	1210	1225	1320	1410	1425	1510	1625	1710	1725
Dublin (Parnell Square)	....	....	....	....	....	....	....	....	....	....	....
Dublin (Beresford Place) arr.	1045	1145	1245	1255	1400	1445	1500	1545	1700	1745	1755

SUNDAYS & PUBLIC HOLIDAYS

SERVICE NUMBER	103	103	103	103	103	103	103	103	103	103	103
Ratoath (Auld Stand) dep.	....	1815	....	1915	....	2100	....	....	0020	....	....
Duleek (Smith's)	....	....	....	....	2000	....	2200	....	....	....	....
Kilmoon Cross	1800	....	1900	....	2010	....	2210	2245	....	....	....
Tayto Park	....	....	....	....	....	....	....	....	....	....	....
Ashbourne (Kelly's)	1810	1825	1910	1925	2020	2115	2220	2255	0030	....	....
Dublin (Parnell Square)	....	....	....	....	....	....	....	....	0100	....	....
Dublin (Beresford Place) arr.	1845	1900	1945	1955	2100	2145	2255	2330	....	....	....

SEE TABLE 105 FOR FULL DUBLIN/RATOATH TIMETABLE.**No services on Christmas Day. Enquire about St. Stephen's Day services.****F = Operates via Fairyhouse Cross and N3.**

**For further information phone Dublin (01) 8366 111
or see Homepage: www.buseireann.ie**

**TIMETABLE EFFECTIVE
SUNDAY 23rd OCTOBER 2011**



Table No.

DUBLIN-KENTSTOWN-NAVAN-NOBBER-KINGSCOURT 107

MONDAY TO SATURDAY								SUNDAY
SERVICE NUMBER		109		109	109	109	107	109
Dublin (Busáras)	dep.	0730	....	1130	1430	1645	....	....
Dublin (Beresford Place)			....				....	1740
Ashbourne (Kelly's)			....				....	1825
McNally's Cross			....				....	R
Kilmoon Cross			....				....	R
Balrath Cross			....				....	R
Kentstown			....				....	R
Navan (Mercy Convent)	arr.	0835	....	1230	1530	1750	....	1900
SERVICE NUMBER		107		107	107	107		107
Navan (The Square)	dep.	0900	....	1300	1600	1800	....	....
Castletown Cross		0920	....	1320	1620	1820	....	....
Castletown Village		0925	....	1325	1625	1825	....	....
Nobber		0930	....	1330	1630	1830	....	....
Kilmainham Wood Village		0940	....	1340	1640	1840	....	....
Kingscourt (Wishing Well)	arr.	0945	....	1345	1645	1845	....	....
Kells (Town Hall)	arr.	....	....	....	....	1910	....	....

MONDAY TO SATURDAY								SUNDAY
SERVICE NUMBER		107	107	107	107	107	107	107
Kells (Parochial House)	dep.	....	....	0715	....	....	....	....
Kingscourt (Wishing Well)		....	....	0745	1000	1400	....	1700
Kilmainham Wood Village		....	....	0750	1005	1405	....	1705
Nobber		....	....	0800	1015	1415	....	1715
Castletown Village		....	....	0805	1020	1420	....	1720
Castletown Cross		....	....	0810	1025	1425	....	1725
Navan (The Square)	arr.	....	....	0830	1045	1445	....	1745
SERVICE NUMBER		107	107	109	109	109	107	109
Navan (The Square)	dep.	SX	SO	0835	1105	1505	1600	1805
Kentstown		0705	0820				1615	
Balrath Cross		R	R				R	
Kilmoon Cross		0715	0830				1625	
McNally's Cross		R	R				R	
Ashbourne (Kelly's)		0730	0840				1640	
Dublin (O'Connell St)	arr.	0815D						
Dublin (Beresford Place)	arr.		0920					
Dublin (Busáras)	arr.		....	0940	1210	1610	1715	1910
Dublin (St Stephen's Green)	arr.	0825D	....	....	....	....	....	....
UCD Belfield	arr.	0845	....	....	....	....	....	....

D : - Drop-off stop only. R : - Request stop.

No services on Christmas Day or St. Stephen's Day.

On other Public Holidays, services will operate according to Sunday timetable.

SX= Saturday excepted.

SO= Saturday only.

**For further information phone Dublin (01) 8366 111
or see Homepage: www.buseireann.ie**

Appendix 13-C
Traffic Count Surveys



40720 Dublin ATCs																	
September 2011																	
Site	Location	Exact	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Posted Speed Limit (PSL)		110%(PSL) + 2 (SL1)		DfT PSL+15 (SL2)		Mean Speed	85%ile Speed
										>PSL	>PSL%	>SL1	>SL1%	>SL2	>SL2%		
1	Cloghran Rd, 30 metres North of Quarry Entrance	N53.24.954, W6.20.605	Northbound	22 September 2011	28 September 2011	100	24635	4372	3519	72	0.3	17	0.1	13	0.1	59.7	70.9
			Southbound	22 September 2011	28 September 2011		28057	4915	4008	62	0.2	14	0.0	8	0.0	55.2	66.6

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
22 September 2011														
00:00	11	0	6	2	0	0	0	0	1	0	1	1	0	0
01:00	11	0	4	4	0	0	0	0	0	0	0	3	0	0
02:00	14	0	4	1	0	0	0	0	3	0	0	6	0	0
03:00	12	1	5	1	2	0	0	0	1	0	0	2	0	0
04:00	31	0	14	8	1	3	1	0	2	0	0	2	0	0
05:00	41	0	20	5	4	3	2	0	2	0	0	5	0	0
06:00	102	1	40	18	3	12	3	0	7	1	2	15	0	0
07:00	161	0	82	29	6	12	2	0	6	0	4	18	0	2
08:00	197	1	105	49	6	7	1	1	14	0	1	9	0	3
09:00	203	1	112	48	9	9	5	0	5	0	3	10	0	1
10:00	254	1	143	64	4	8	3	0	12	1	4	14	0	0
11:00	285	3	172	57	5	11	5	0	13	0	1	17	0	1
12:00	285	3	186	54	7	7	2	0	15	0	1	9	0	1
13:00	297	1	212	47	4	3	3	1	13	0	2	10	0	1
14:00	294	2	197	49	3	14	3	0	11	0	4	11	0	0
15:00	341	2	237	52	3	8	1	0	10	0	6	22	0	0
16:00	468	4	373	64	5	6	1	0	2	0	2	10	0	1
17:00	631	4	544	49	4	6	1	0	1	0	3	17	0	2
18:00	297	5	255	23	1	1	1	0	2	0	3	6	0	0
19:00	167	1	139	14	1	0	2	0	1	0	2	7	0	0
20:00	92	1	77	8	0	1	0	0	0	0	0	5	0	0
21:00	58	0	46	9	0	1	0	0	0	0	0	2	0	0
22:00	46	0	39	4	0	2	0	0	0	0	0	1	0	0
23:00	26	0	20	3	0	1	0	0	0	0	0	2	0	0
07-19	3713	27	2618	585	57	92	28	2	104	1	34	153	0	12
06-22	4132	30	2920	634	61	106	33	2	112	2	38	182	0	12
06-00	4204	30	2979	641	61	109	33	2	112	2	38	185	0	12
00-00	4324	31	3032	662	68	115	36	2	121	2	39	204	0	12

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
23 September 2011														
00:00	18	0	11	0	1	2	1	0	1	0	1	1	0	0
01:00	12	0	4	1	0	0	0	0	0	0	1	6	0	0
02:00	8	0	5	1	0	0	0	0	0	0	0	2	0	0
03:00	17	1	6	3	2	0	0	0	4	0	0	1	0	0
04:00	31	1	20	3	0	2	0	0	2	0	0	3	0	0
05:00	45	0	24	3	6	3	0	0	3	0	1	5	0	0
06:00	93	3	44	16	3	8	4	0	5	0	2	8	0	0
07:00	159	3	83	37	6	8	1	0	3	0	3	14	0	1
08:00	218	4	141	50	4	5	0	0	4	0	1	7	0	2
09:00	257	1	161	57	8	10	0	0	9	0	2	9	0	0
10:00	286	2	173	68	4	4	0	0	5	0	7	22	0	1
11:00	275	0	171	57	4	13	3	0	13	0	3	10	0	1
12:00	323	1	227	53	5	8	3	0	12	0	2	12	0	0
13:00	334	3	235	58	6	8	1	0	9	0	3	8	0	3
14:00	343	1	248	61	2	7	5	0	7	0	3	8	0	1
15:00	397	2	296	62	7	6	2	0	9	0	3	10	0	0
16:00	487	4	399	54	4	9	0	0	8	0	0	9	0	0
17:00	522	4	454	39	4	7	2	0	2	0	1	9	0	0
18:00	230	0	198	20	1	3	0	0	1	0	1	6	0	0
19:00	115	1	86	12	1	1	1	0	1	0	2	9	0	1
20:00	68	0	58	7	0	0	0	0	1	0	1	1	0	0
21:00	64	0	56	5	0	0	0	0	1	0	0	2	0	0
22:00	37	0	32	3	0	1	0	0	0	0	0	1	0	0
23:00	28	0	21	3	0	1	0	0	0	0	0	3	0	0
07-19	3831	25	2786	616	55	88	17	0	82	0	29	124	0	9
06-22	4171	29	3030	656	59	97	22	0	90	0	34	144	0	10
06-00	4236	29	3083	662	59	99	22	0	90	0	34	148	0	10
00-00	4367	31	3153	673	68	106	23	0	100	0	37	166	0	10

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
24 September 2011														
00:00	24	0	17	2	0	1	0	0	1	0	0	3	0	0
01:00	11	0	6	0	0	1	0	0	0	0	0	4	0	0
02:00	12	0	8	2	0	0	0	0	1	0	0	1	0	0
03:00	8	0	4	1	1	0	0	0	0	0	1	1	0	0
04:00	9	1	7	0	1	0	0	0	0	0	0	0	0	0
05:00	26	0	13	3	1	4	0	0	3	0	0	2	0	0
06:00	42	0	19	6	3	4	0	0	2	0	1	7	0	0
07:00	66	1	39	8	4	4	0	0	3	1	0	4	0	2
08:00	58	0	34	13	2	1	0	0	1	0	1	6	0	0
09:00	78	1	43	19	0	3	2	0	5	0	0	5	0	0
10:00	115	1	77	24	1	3	0	0	1	0	2	6	0	0
11:00	129	1	94	21	1	2	2	0	3	0	1	4	0	0
12:00	152	0	126	21	0	1	1	0	0	0	1	2	0	0
13:00	153	2	126	20	1	1	0	0	0	0	0	3	0	0
14:00	137	0	124	10	0	0	0	0	0	0	0	2	0	1
15:00	133	1	117	11	0	0	0	0	0	0	1	3	0	0
16:00	106	0	99	5	1	0	1	0	0	0	0	0	0	0
17:00	121	0	112	5	0	1	1	0	1	0	0	1	0	0
18:00	116	0	107	4	0	0	0	0	0	0	0	5	0	0
19:00	80	2	65	8	1	1	0	0	0	0	0	3	0	0
20:00	44	1	39	3	0	1	0	0	0	0	0	0	0	0
21:00	22	0	20	1	0	1	0	0	0	0	0	0	0	0
22:00	24	1	21	2	0	0	0	0	0	0	0	0	0	0
23:00	18	0	18	0	0	0	0	0	0	0	0	0	0	0
07-19	1364	7	1098	161	10	16	7	0	14	1	6	41	0	3
06-22	1552	10	1241	179	14	23	7	0	16	1	7	51	0	3
06-00	1594	11	1280	181	14	23	7	0	16	1	7	51	0	3
00-00	1684	12	1335	189	17	29	7	0	21	1	8	62	0	3

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
25 September 2011														
00:00	14	0	13	1	0	0	0	0	0	0	0	0	0	0
01:00	9	0	8	1	0	0	0	0	0	0	0	0	0	0
02:00	10	0	8	2	0	0	0	0	0	0	0	0	0	0
03:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
04:00	8	0	7	0	0	0	0	0	0	0	0	0	0	1
05:00	15	0	12	1	0	0	1	0	0	0	0	1	0	0
06:00	18	0	11	1	0	1	0	0	0	0	0	4	0	1
07:00	31	0	20	2	1	3	0	0	0	0	0	5	0	0
08:00	27	0	19	0	2	1	0	0	0	0	2	3	0	0
09:00	36	1	24	8	0	0	0	0	1	0	0	2	0	0
10:00	81	3	58	13	0	1	0	0	2	0	1	3	0	0
11:00	79	5	64	7	0	2	0	0	1	0	0	0	0	0
12:00	71	0	67	2	0	1	0	0	0	0	1	0	0	0
13:00	83	0	81	1	0	0	0	0	0	0	0	1	0	0
14:00	101	0	91	8	1	0	1	0	0	0	0	0	0	0
15:00	107	0	99	6	0	0	1	0	1	0	0	0	0	0
16:00	98	1	88	8	0	0	0	0	0	0	0	1	0	0
17:00	72	0	68	4	0	0	0	0	0	0	0	0	0	0
18:00	78	1	70	4	1	0	0	0	0	0	0	2	0	0
19:00	51	0	45	5	0	0	0	0	0	0	1	0	0	0
20:00	45	1	39	4	0	0	0	0	0	0	0	1	0	0
21:00	28	1	23	3	0	1	0	0	0	0	0	0	0	0
22:00	14	0	11	0	0	0	0	0	1	0	0	2	0	0
23:00	10	0	9	0	0	1	0	0	0	0	0	0	0	0
07-19	864	11	749	63	5	8	2	0	5	0	4	17	0	0
06-22	1006	13	867	76	5	10	2	0	5	0	5	22	0	1
06-00	1030	13	887	76	5	11	2	0	6	0	5	24	0	1
00-00	1093	13	942	81	5	11	3	0	6	0	5	25	0	2

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
26 September 2011														
00:00	11	0	10	1	0	0	0	0	0	0	0	0	0	0
01:00	3	1	2	0	0	0	0	0	0	0	0	0	0	0
02:00	9	0	8	0	0	0	0	0	1	0	0	0	0	0
03:00	8	0	3	3	0	0	0	0	2	0	0	0	0	0
04:00	26	0	15	2	0	3	0	0	2	0	0	3	0	1
05:00	46	0	22	6	2	3	2	0	4	0	3	4	0	0
06:00	83	1	40	11	2	6	3	0	6	0	1	13	0	0
07:00	119	1	61	28	1	8	0	0	4	1	4	10	0	1
08:00	249	6	181	32	4	8	1	0	7	0	5	4	0	1
09:00	245	0	160	46	4	6	5	0	7	0	5	10	0	2
10:00	271	0	160	65	6	10	6	0	8	0	2	14	0	0
11:00	266	5	158	63	6	4	3	0	7	0	7	11	0	2
12:00	299	2	196	49	7	9	3	0	12	0	5	16	0	0
13:00	286	1	180	67	4	8	2	0	9	0	5	10	0	0
14:00	299	1	212	50	2	7	1	0	10	1	2	12	0	1
15:00	350	3	234	69	4	8	1	0	11	0	4	15	0	1
16:00	460	3	365	57	7	9	1	0	4	2	2	10	0	0
17:00	670	5	588	44	2	6	4	0	6	1	1	12	0	1
18:00	303	1	258	31	4	4	0	0	1	0	0	4	0	0
19:00	135	0	112	10	1	1	2	0	2	1	1	5	0	0
20:00	71	0	56	5	0	1	2	0	2	0	0	5	0	0
21:00	56	0	48	5	0	0	1	0	1	0	0	1	0	0
22:00	34	0	31	1	0	1	0	0	0	0	0	1	0	0
23:00	24	0	23	0	0	0	0	0	0	0	0	1	0	0
07-19	3817	28	2753	601	51	87	27	0	86	5	42	128	0	9
06-22	4162	29	3009	632	54	95	35	0	97	6	44	152	0	9
06-00	4220	29	3063	633	54	96	35	0	97	6	44	154	0	9
00-00	4323	30	3123	645	56	102	37	0	106	6	47	161	0	10

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
27 September 2011														
00:00	16	0	12	2	0	0	1	0	1	0	0	0	0	0
01:00	11	0	7	0	0	0	0	0	0	0	0	4	0	0
02:00	6	0	2	1	0	0	0	0	0	0	1	2	0	0
03:00	15	1	5	4	1	1	0	0	1	0	0	2	0	0
04:00	22	1	15	2	1	3	0	0	0	0	0	0	0	0
05:00	37	0	14	7	1	3	3	0	3	0	1	5	0	0
06:00	115	1	69	10	5	9	4	0	4	0	4	9	0	0
07:00	202	3	114	43	9	9	1	1	10	1	2	7	0	2
08:00	224	5	146	47	5	5	2	0	3	1	3	7	0	0
09:00	208	3	124	46	5	4	4	0	7	1	4	8	0	2
10:00	236	2	134	58	2	7	3	0	9	0	4	17	0	0
11:00	271	5	158	69	7	5	3	0	10	0	5	8	0	1
12:00	319	4	206	61	3	4	3	0	19	0	6	12	0	1
13:00	292	2	205	49	3	7	0	0	5	1	6	12	0	2
14:00	290	1	195	66	5	5	2	0	4	0	6	5	0	1
15:00	324	2	228	50	5	10	4	0	9	0	4	12	0	0
16:00	455	4	356	65	1	6	1	0	9	1	1	11	0	0
17:00	685	6	599	46	5	8	3	0	4	0	2	12	0	0
18:00	310	3	261	23	1	4	2	0	3	0	3	9	0	1
19:00	139	0	110	16	1	0	2	0	2	0	2	6	0	0
20:00	71	0	60	7	1	0	0	0	2	0	0	1	0	0
21:00	53	1	45	2	0	0	0	0	0	0	0	5	0	0
22:00	30	0	27	1	0	0	1	0	0	0	1	0	0	0
23:00	25	0	22	2	0	0	0	0	0	0	0	1	0	0
07-19	3816	40	2726	623	51	74	28	1	92	5	46	120	0	10
06-22	4194	42	3010	658	58	83	34	1	100	5	52	141	0	10
06-00	4249	42	3059	661	58	83	35	1	100	5	53	142	0	10
00-00	4356	44	3114	677	61	90	39	1	105	5	55	155	0	10

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Northbound

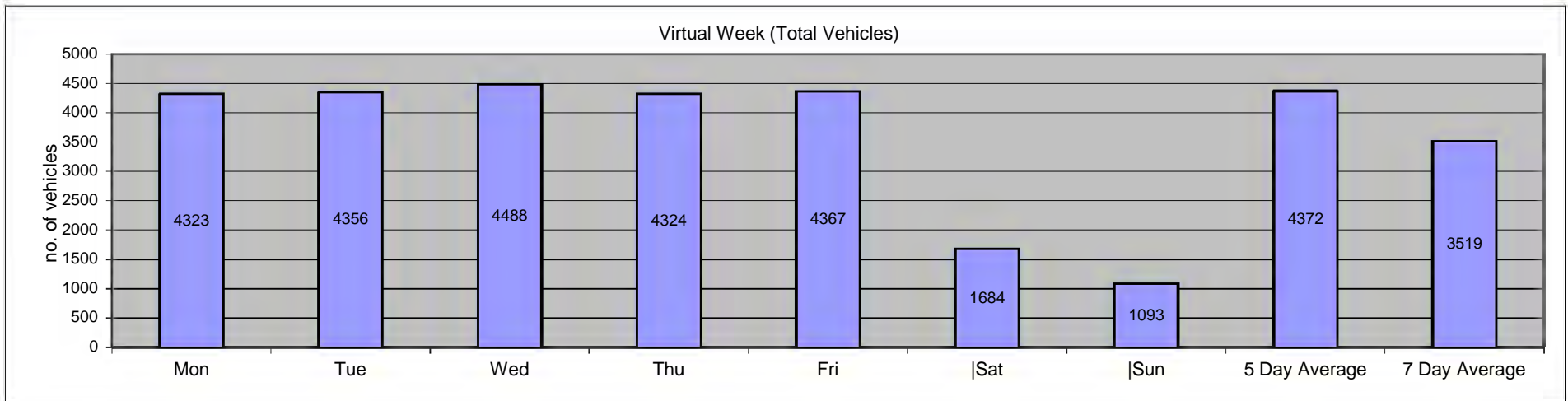
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
28 September 2011														
00:00	10	0	3	1	0	0	1	0	2	0	0	3	0	0
01:00	13	0	6	3	1	0	0	0	0	0	2	1	0	0
02:00	12	0	4	1	0	0	0	0	2	0	0	5	0	0
03:00	15	1	9	3	0	0	0	0	0	0	1	1	0	0
04:00	21	1	11	3	0	2	0	0	0	0	1	3	0	0
05:00	53	0	40	4	1	2	2	0	3	0	0	1	0	0
06:00	103	1	57	14	4	11	3	1	3	0	0	8	0	1
07:00	157	2	85	32	9	5	0	0	6	0	4	9	1	4
08:00	228	3	152	44	3	5	0	0	5	1	3	11	0	1
09:00	233	1	150	48	3	6	2	0	9	0	1	11	0	2
10:00	266	0	150	78	6	9	3	0	3	1	7	7	0	2
11:00	308	4	197	64	5	12	2	0	9	0	3	11	0	1
12:00	311	1	207	59	8	6	1	0	10	0	6	12	0	1
13:00	320	3	221	61	4	8	4	0	6	1	5	7	0	0
14:00	312	2	205	60	4	4	3	1	12	0	8	13	0	0
15:00	306	2	209	56	4	8	2	0	9	0	5	11	0	0
16:00	484	4	384	64	3	7	1	0	7	0	3	10	0	1
17:00	690	8	603	47	2	6	2	0	6	0	1	14	0	1
18:00	306	2	250	34	2	3	1	0	2	0	5	7	0	0
19:00	131	1	112	6	0	1	0	0	1	0	2	8	0	0
20:00	90	0	79	7	0	1	0	0	1	0	0	2	0	0
21:00	51	0	47	2	0	0	0	0	0	0	0	2	0	0
22:00	41	0	35	2	0	1	0	0	1	0	0	2	0	0
23:00	27	0	21	1	0	1	0	0	0	0	1	3	0	0
07-19	3921	32	2813	647	53	79	21	1	84	3	51	123	1	13
06-22	4296	34	3108	676	57	92	24	2	89	3	53	143	1	14
06-00	4364	34	3164	679	57	94	24	2	90	3	54	148	1	14
00-00	4488	36	3237	694	59	98	27	2	97	3	58	162	1	14

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Average Day														
00:00	15	0	10	1	0	0	0	0	1	0	0	1	0	0
01:00	10	0	5	1	0	0	0	0	0	0	0	3	0	0
02:00	10	0	6	1	0	0	0	0	1	0	0	2	0	0
03:00	12	1	6	2	1	0	0	0	1	0	0	1	0	0
04:00	21	1	13	3	0	2	0	0	1	0	0	2	0	0
05:00	38	0	21	4	2	3	1	0	3	0	1	3	0	0
06:00	79	1	40	11	3	7	2	0	4	0	1	9	0	0
07:00	128	1	69	26	5	7	1	0	5	0	2	10	0	2
08:00	172	3	111	34	4	5	1	0	5	0	2	7	0	1
09:00	180	1	111	39	4	5	3	0	6	0	2	8	0	1
10:00	216	1	128	53	3	6	2	0	6	0	4	12	0	0
11:00	230	3	145	48	4	7	3	0	8	0	3	9	0	1
12:00	251	2	174	43	4	5	2	0	10	0	3	9	0	0
13:00	252	2	180	43	3	5	1	0	6	0	3	7	0	1
14:00	254	1	182	43	2	5	2	0	6	0	3	7	0	1
15:00	280	2	203	44	3	6	2	0	7	0	3	10	0	0
16:00	365	3	295	45	3	5	1	0	4	0	1	7	0	0
17:00	484	4	424	33	2	5	2	0	3	0	1	9	0	1
18:00	234	2	200	20	1	2	1	0	1	0	2	6	0	0
19:00	117	1	96	10	1	1	1	0	1	0	1	5	0	0
20:00	69	0	58	6	0	1	0	0	1	0	0	2	0	0
21:00	47	0	41	4	0	0	0	0	0	0	0	2	0	0
22:00	32	0	28	2	0	1	0	0	0	0	0	1	0	0
23:00	23	0	19	1	0	1	0	0	0	0	0	1	0	0
07-19	3047	24	2220	471	40	63	19	1	67	2	30	101	0	8
06-22	3359	27	2455	502	44	72	22	1	73	2	33	119	0	8
06-00	3414	27	2502	505	44	74	23	1	73	2	34	122	0	8
00-00	3519	28	2562	517	48	79	25	1	79	2	36	134	0	9

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Virtual Week (1)														
Mon	4323	30	3123	645	56	102	37	0	106	6	47	161	0	10
Tue	4356	44	3114	677	61	90	39	1	105	5	55	155	0	10
Wed	4488	36	3237	694	59	98	27	2	97	3	58	162	1	14
Thu	4324	31	3032	662	68	115	36	2	121	2	39	204	0	12
Fri	4367	31	3153	673	68	106	23	0	100	0	37	166	0	10
|Sat	1684	12	1335	189	17	29	7	0	21	1	8	62	0	3
|Sun	1093	13	942	81	5	11	3	0	6	0	5	25	0	2
5 Day Average														
[--]	4372	34	3132	670	62	102	32	1	106	3	47	170	0	11
7 Day Average														
[--]	3519	28	2562	517	48	79	25	1	79	2	36	134	0	9
Total Vehicles														
[--]	24635	197	17936	3621	334	551	172	5	556	17	249	935	1	61



40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)																								
22 September 2011		to														28 September 2011														Direction	Northbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115	Mean	85%ile																				
22 September 2011																						DFT	DFT	Speed	Speed																	
00:00	11	3	1	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61.7	71.3																				
01:00	11	1	3	3	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	64.7	72.4																				
02:00	14	0	4	3	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	70.1	79.6																				
03:00	12	2	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64.9	79.6																				
04:00	31	4	8	11	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.8	77																				
05:00	41	10	10	10	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.1	73.4																				
06:00	102	31	34	23	9	3	1	1	0	0	0	0	0	0	1	1	0	0	0	0	57.4	68.4																				
07:00	161	44	56	39	16	5	0	1	0	0	0	0	0	0	1	0.6	0	0	0	0	57	68																				
08:00	197	77	60	44	11	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	54.4	66.2																				
09:00	203	49	78	57	13	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57.4	67																				
10:00	254	82	85	57	27	2	0	1	0	0	0	0	0	0	1	0.4	0	0	0	0	56.4	67.3																				
11:00	285	75	123	49	31	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	56.5	67.7																				
12:00	285	66	106	74	29	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	58	68																				
13:00	297	44	104	107	28	10	3	1	0	0	0	0	0	0	1	0.3	0	0	0	0	60.5	69.1																				
14:00	294	80	109	73	24	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	56.8	66.6																				
15:00	341	79	124	95	34	5	3	1	0	0	0	0	0	0	1	0.3	0	0	0	0	58	67.3																				
16:00	468	58	163	176	59	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	60.9	69.8																				
17:00	631	118	219	217	67	8	1	1	0	0	0	0	0	0	1	0.2	0	0	0	0	58.9	68.4																				
18:00	297	29	73	113	55	22	4	1	0	0	0	0	0	0	1	0.3	0	0	0	0	64.3	75.2																				
19:00	167	12	44	56	39	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	65	76																				
20:00	92	12	22	35	14	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	63.2	74.5																				
21:00	58	8	21	8	14	6	0	1	0	0	0	0	0	0	1	1.7	0	0	0	0	63.3	77.4																				
22:00	46	6	7	14	10	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	67.5	82.4																				
23:00	26	2	4	8	7	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	70.1	85																				
07-19	3713	801	1300	1101	394	82	29	6	0	0	0	0	0	0	6	0.2	0	0	0	0	58.6	69.1																				
06-22	4132	864	1421	1223	470	111	35	8	0	0	0	0	0	0	8	0.2	0	0	0	0	59	69.8																				
06-00	4204	872	1432	1245	487	119	41	8	0	0	0	0	0	0	8	0.2	0	0	0	0	59.2	70.2																				
00-00	4324	892	1461	1278	516	126	43	8	0	0	0	0	0	0	8	0.2	0	0	0	0	59.3	70.2																				

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)										
22 September 2011		to														28 September 2011	Direction	Northbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)			Mean Speed	85%ile Speed	
		0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115 DFT	115 DFT								
23 September 2011																												
00:00	18	1	6	7	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	63	70.9						
01:00	12	2	3	2	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	64.7	74.5						
02:00	8	1	1	2	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	68.8	-						
03:00	17	0	4	5	3	4	0	0	0	1	0	0	0	0	0	1	5.9	1	5.9	1	5.9	72.7	83.2					
04:00	31	3	8	9	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65.7	78.8						
05:00	45	11	11	10	11	1	0	1	0	0	0	0	0	0	0	1	2.2	0	0	0	60.4	74.5						
06:00	93	38	26	12	13	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	54.4	69.8						
07:00	159	54	46	31	22	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	56.9	70.9						
08:00	218	41	78	71	22	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	58.8	69.1						
09:00	257	88	97	51	14	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	55	65.2						
10:00	286	83	93	81	22	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	56.9	67.7						
11:00	275	70	95	69	35	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	57.3	69.5						
12:00	323	50	116	106	40	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	60.4	70.2						
13:00	334	51	133	104	37	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	59.1	69.1						
14:00	343	78	112	106	37	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	58.7	69.1						
15:00	397	61	152	121	46	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	59.6	69.8						
16:00	487	79	163	182	47	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	60	69.1						
17:00	522	87	190	182	50	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	59.1	68						
18:00	230	23	42	100	46	12	4	2	0	1	0	0	0	0	0	3	1.3	1	0.4	1	0.4	65.2	75.2					
19:00	115	19	25	45	16	8	1	0	1	0	0	0	0	0	1	0.9	1	0.9	0	0	62.3	72.7						
20:00	68	5	19	16	21	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	66.5	76.7						
21:00	64	11	14	16	19	2	1	0	1	0	0	0	0	0	1	1.6	0	0	0	0	64.3	74.5						
22:00	37	3	5	18	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	66.3	75.2						
23:00	28	4	14	2	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	62.1	77						
07-19	3831	765	1317	1204	418	99	25	2	0	1	0	0	0	0	3	0.1	1	0	1	0	59	69.5						
06-22	4171	838	1401	1293	487	116	31	2	2	1	0	0	0	0	5	0.1	2	0	1	0	59.2	69.8						
06-00	4236	845	1420	1313	501	119	33	2	2	1	0	0	0	0	5	0.1	2	0	1	0	59.3	70.2						
00-00	4367	863	1453	1348	532	128	36	3	2	2	0	0	0	0	7	0.2	3	0.1	2	0	59.4	70.2						

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)																							
22 September 2011		to														28 September 2011														Direction	Northbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115	Mean Speed	85%ile Speed																			
24 September 2011																																									
00:00	24	3	9	2	7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	64.6	78.1																			
01:00	11	2	1	3	2	2	0	1	0	0	0	0	0	0	1	9.1	0	0	0	0	69.6	80.3																			
02:00	12	1	2	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63.8	70.9																			
03:00	8	0	2	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69.5	-																			
04:00	9	2	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59.1	-																			
05:00	26	4	12	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58.7	68.8																			
06:00	42	12	10	14	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	58	67.3																			
07:00	66	18	19	16	8	4	0	1	0	0	0	0	0	0	1	1.5	0	0	0	0	59.4	73.1																			
08:00	58	9	9	25	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64.1	75.2																			
09:00	78	8	27	26	12	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	62.7	71.6																			
10:00	115	12	25	35	32	8	1	2	0	0	0	0	0	0	2	1.7	0	0	0	0	65.7	77.4																			
11:00	129	19	41	34	27	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	62.2	74.5																			
12:00	152	12	37	57	34	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	65.1	76																			
13:00	153	13	34	58	34	8	5	1	0	0	0	0	0	0	1	0.7	0	0	0	0	65.9	76.3																			
14:00	137	9	36	41	32	11	5	3	0	0	0	0	0	0	3	2.2	0	0	0	0	67.1	79.2																			
15:00	133	8	18	55	30	14	5	2	1	0	0	0	0	0	3	2.3	0	0	0	0	68.9	81.4																			
16:00	106	6	27	34	22	13	2	1	1	0	0	0	0	0	2	1.9	1	0.9	0	0	67.2	80.3																			
17:00	121	3	16	49	37	14	1	1	0	0	0	0	0	0	1	0.8	0	0	0	0	69	78.1																			
18:00	116	7	19	45	33	9	1	2	0	0	0	0	0	0	2	1.7	0	0	0	0	67.6	78.1																			
19:00	80	8	20	24	21	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	64.7	76																			
20:00	44	6	14	12	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.6	72.7																			
21:00	22	5	4	8	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.5	78.1																			
22:00	24	2	3	11	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66.2	73.1																			
23:00	18	0	5	8	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66.8	76.3																			
07-19	1364	124	308	475	311	103	28	13	2	0	0	0	0	0	15	1.1	1	0.1	0	0	65.8	77.4																			
06-22	1552	155	356	533	349	114	30	13	2	0	0	0	0	0	15	1	1	0.1	0	0	65.4	77.4																			
06-00	1594	157	364	552	360	116	30	13	2	0	0	0	0	0	15	0.9	1	0.1	0	0	65.4	77.4																			
00-00	1684	169	394	573	380	121	31	14	2	0	0	0	0	0	16	1	1	0.1	0	0	65.3	77.4																			

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)										
22 September 2011		to														28 September 2011	Direction	Northbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115	Mean Speed	85%ile Speed						
25 September 2011																												
0000	14	0	3	7	2	1	0	0	0	1	0	0	0	0	1	7.1	1	7.1	1	7.1	69.5	76.7						
01:00	9	0	2	2	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	73.3	-						
02:00	10	1	0	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	-						
03:00	7	1	2	3	0	0	0	1	0	0	0	0	0	0	1	14.3	0	0	0	0	66.5	-						
04:00	8	1	1	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67.7	-						
05:00	15	4	2	1	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.1	81						
06:00	18	5	6	3	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58.3	69.8						
07:00	31	7	9	9	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	60.6	72.4						
08:00	27	3	5	5	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	66.1	78.5						
09:00	36	6	5	6	11	5	2	1	0	0	0	0	0	0	1	2.8	0	0	0	0	67.1	84.2						
10:00	81	8	18	22	26	5	1	1	0	0	0	0	0	0	1	1.2	0	0	0	0	65.5	76						
11:00	79	5	17	35	16	3	2	0	1	0	0	0	0	0	1	1.3	1	1.3	1	1.3	65	77.4						
12:00	71	4	16	31	12	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	65.4	75.6						
13:00	83	7	15	37	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64.4	75.2						
14:00	101	9	35	38	15	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	62.1	70.9						
15:00	107	4	24	55	23	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64.4	72						
16:00	98	7	34	29	21	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	64.3	73.1						
17:00	72	1	11	30	22	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	68.4	77						
18:00	78	10	15	31	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63.7	75.2						
19:00	51	2	8	26	11	3	0	1	0	0	0	0	0	0	1	2	0	0	0	0	66.3	74.5						
20:00	45	4	12	14	7	5	2	0	1	0	0	0	0	0	1	2.2	0	0	0	0	66.4	81.7						
21:00	28	6	4	6	7	4	0	1	0	0	0	0	0	0	1	3.6	0	0	0	0	66.3	85						
22:00	14	3	4	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.3	77.8						
23:00	10	1	2	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68.4	-						
07-19	864	71	204	328	200	43	15	2	1	0	0	0	0	0	3	0.3	1	0.1	1	0.1	64.7	75.2						
06-22	1006	88	234	377	228	56	17	4	2	0	0	0	0	0	6	0.6	1	0.1	1	0.1	64.8	75.2						
06-00	1030	92	240	380	235	60	17	4	2	0	0	0	0	0	6	0.6	1	0.1	1	0.1	64.8	75.6						
00-00	1093	99	250	399	249	69	19	5	2	1	0	0	0	0	8	0.7	2	0.2	2	0.2	64.9	75.6						

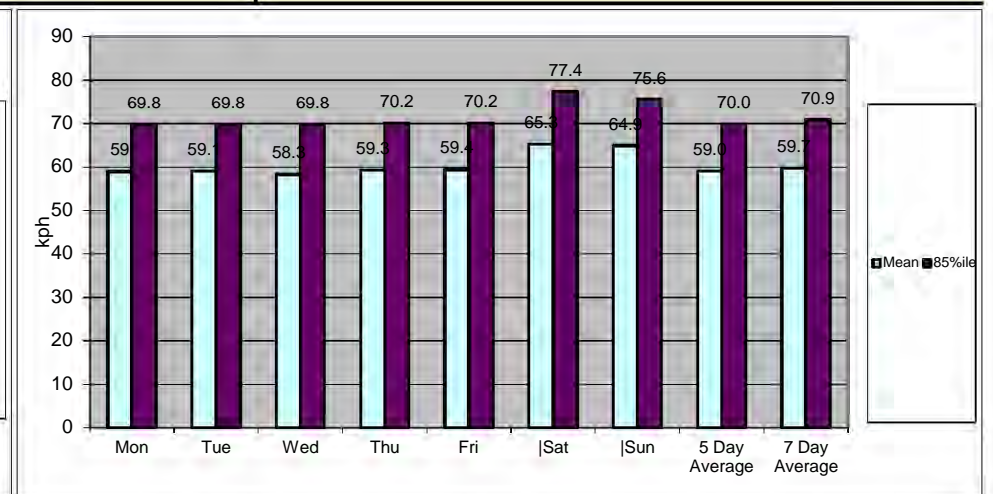
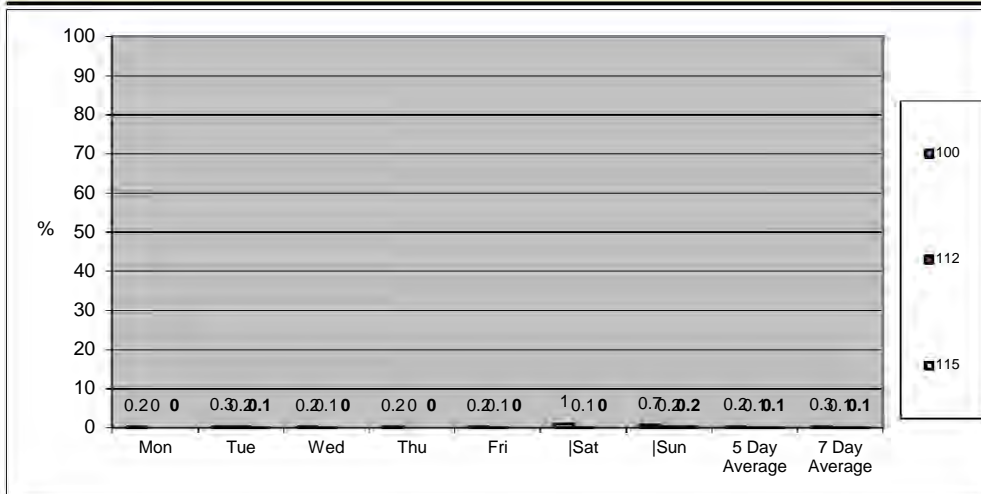
40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)										
22 September 2011		to														28 September 2011	Direction	Northbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115	Mean Speed	85%ile Speed						
26 September 2011																												
00:00	11	0	2	2	2	2	1	0	0	0	0	0	0	0	1	9.1	0	0	0	0	79.2	91.4						
01:00	3	0	1	0	0	1	0	1	0	0	0	0	0	0	1	33.3	0	0	0	0	82.2	-						
02:00	9	1	1	1	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72.3	-						
03:00	8	1	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.1	-						
04:00	26	2	10	5	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63.5	74.5						
05:00	46	10	13	12	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	60.5	72						
06:00	83	27	25	21	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55.9	68.4						
07:00	119	25	36	34	18	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	73.1						
08:00	249	107	77	50	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.4	64.4						
09:00	245	62	100	58	19	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	56.7	66.6						
10:00	271	70	91	79	24	5	1	1	0	0	0	0	0	0	1	0.4	0	0	0	0	57.4	67						
11:00	266	70	111	55	23	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	56.6	67.3						
12:00	299	73	112	79	28	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	57.5	67.7						
13:00	286	53	106	82	38	5	1	1	0	0	0	0	0	0	1	0.3	0	0	0	0	59.2	70.2						
14:00	299	49	105	95	41	6	2	1	0	0	0	0	0	0	1	0.3	0	0	0	0	60.2	70.6						
15:00	350	70	123	99	44	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	59.3	71.3						
16:00	460	73	187	141	45	9	4	1	0	0	0	0	0	0	1	0.2	0	0	0	0	59	68.4						
17:00	670	158	225	232	44	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	57.6	67						
18:00	303	38	66	118	61	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	63.5	73.4						
19:00	135	7	41	47	28	8	3	0	1	0	0	0	0	0	1	0.7	1	0.7	1	0.7	65.2	76						
20:00	71	10	16	23	14	6	1	1	0	0	0	0	0	0	1	1.4	0	0	0	0	64.7	76.3						
21:00	56	4	17	21	9	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	63.5	77						
22:00	34	3	4	6	12	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	71.7	82.4						
23:00	24	2	3	11	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	67.6	78.8						
07-19	3817	848	1339	1122	399	84	21	4	0	0	0	0	0	0	4	0.1	0	0	0	0	58.4	69.1						
06-22	4162	896	1438	1234	458	104	26	5	1	0	0	0	0	0	6	0.1	1	0	1	0	58.7	69.5						
06-00	4220	901	1445	1251	474	112	31	5	1	0	0	0	0	0	6	0.1	1	0	1	0	58.9	69.8						
00-00	4323	915	1474	1275	495	122	34	7	1	0	0	0	0	0	8	0.2	1	0	1	0	59	69.8						

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)										
22 September 2011		to														28 September 2011	Direction	Northbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)			Mean Speed	85%ile Speed	
		0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115	DFT	DFT						
27 September 2011																												
00:00	16	3	5	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58.2	66.2						
01:00	11	2	1	5	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	64.5	73.4						
02:00	6	1	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.8	-						
03:00	15	0	3	6	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	75.6						
04:00	22	2	8	7	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	63	74.2						
05:00	37	13	10	7	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56.7	71.3						
06:00	115	42	39	28	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54.5	64.1						
07:00	202	60	62	53	18	6	2	0	1	0	0	0	0	0	0	1	0.5	1	0.5	0	0	57	69.1					
08:00	224	56	90	61	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	66.2						
09:00	208	61	79	49	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56.3	66.6						
10:00	236	63	90	59	15	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	56.8	66.2						
11:00	271	63	100	71	33	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	57.5	68.8						
12:00	319	78	127	73	27	11	2	0	0	1	0	0	0	0	0	1	0.3	1	0.3	1	0.3	58	67.7					
13:00	292	53	97	105	27	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59.1	68.8						
14:00	290	57	112	90	23	5	2	0	0	0	1	0	0	0	0	1	0.3	1	0.3	1	0.3	58.3	68					
15:00	324	58	113	100	35	14	2	1	0	1	0	0	0	0	0	2	0.6	1	0.3	1	0.3	60.2	70.6					
16:00	455	68	177	142	57	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	59.6	69.8						
17:00	685	101	315	206	59	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58.1	66.2						
18:00	310	35	93	105	57	11	4	1	2	0	2	0	0	0	0	5	1.6	2	0.6	2	0.6	63.6	73.1					
19:00	139	14	26	55	30	11	1	2	0	0	0	0	0	0	2	1.4	0	0	0	0	65.4	76						
20:00	71	5	14	26	16	4	5	1	0	0	0	0	0	0	1	1.4	0	0	0	0	67.8	78.1						
21:00	53	4	15	18	9	4	2	0	1	0	0	0	0	0	1	1.9	1	1.9	1	1.9	66.1	77						
22:00	30	3	6	5	9	6	0	1	0	0	0	0	0	0	1	3.3	0	0	0	0	69.3	84.2						
23:00	25	2	3	3	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68.6	74.5						
07-19	3816	753	1455	1114	382	83	19	2	3	2	3	0	0	0	10	0.3	6	0.2	5	0.1	58.6	68.8						
06-22	4194	818	1549	1241	442	103	27	5	4	2	3	0	0	0	14	0.3	7	0.2	6	0.1	58.9	69.1						
06-00	4249	823	1558	1249	466	111	27	6	4	2	3	0	0	0	15	0.4	7	0.2	6	0.1	59.1	69.5						
00-00	4356	844	1585	1285	483	115	29	6	4	2	3	0	0	0	15	0.3	7	0.2	6	0.1	59.1	69.8						

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)																										
22 September 2011		to														28 September 2011														Direction		Northbound		Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115	Mean	85%ile																						
28 September 2011																						DFT	DFT	Speed	Speed																			
0000	10	5	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.7	-																						
01:00	13	3	3	2	3	1	0	1	0	0	0	0	0	0	1	7.7	0	0	0	0	63.2	79.2																						
02:00	12	1	1	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65.5	74.2																						
03:00	15	1	3	5	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65.5	73.4																						
04:00	21	1	4	5	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	68.6	79.9																						
05:00	53	11	18	13	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	59.6	73.4																						
06:00	103	36	37	18	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	54.9	67																						
07:00	157	27	65	45	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58.4	67																						
08:00	228	90	81	41	12	2	1	0	1	0	0	0	0	0	1	0.4	1	0.4	0	0	53.3	63.7																						
09:00	233	76	65	69	18	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	67.3																						
10:00	266	73	99	63	21	9	0	0	1	0	0	0	0	0	1	0.4	1	0.4	1	0.4	56.2	67																						
11:00	308	95	109	62	31	9	0	2	0	0	0	0	0	0	2	0.6	0	0	0	0	56.3	68																						
12:00	311	100	104	65	31	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	56.8	68.4																						
13:00	320	72	86	93	53	10	5	1	0	0	0	0	0	0	1	0.3	0	0	0	0	60.5	71.3																						
14:00	312	111	84	76	31	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55.6	68																						
15:00	306	63	116	94	25	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	57.8	67.3																						
16:00	484	102	181	141	46	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	58.1	68																						
17:00	690	126	276	218	59	8	2	1	0	0	0	0	0	0	1	0.1	0	0	0	0	58.2	67.3																						
18:00	306	26	98	109	56	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	63.3	73.1																						
19:00	131	22	29	36	31	9	3	0	0	0	1	0	0	0	1	0.8	1	0.8	1	0.8	64.2	77																						
20:00	90	8	17	36	22	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	65	74.9																						
21:00	51	7	9	16	13	4	1	1	0	0	0	0	0	0	1	2	0	0	0	0	65.4	74.5																						
22:00	41	8	13	12	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	62	74.5																						
23:00	27	3	3	8	9	3	0	1	0	0	0	0	0	0	1	3.7	0	0	0	0	68.6	76																						
07-19	3921	961	1364	1076	399	93	22	4	2	0	0	0	0	0	6	0.2	2	0.1	1	0	57.7	68.8																						
06-22	4296	1034	1456	1182	474	112	30	5	2	0	1	0	0	0	8	0.2	3	0.1	2	0	58.1	69.5																						
06-00	4364	1045	1472	1202	487	117	32	6	2	0	1	0	0	0	9	0.2	3	0.1	2	0	58.2	69.8																						
00-00	4488	1067	1501	1237	515	124	34	7	2	0	1	0	0	0	10	0.2	3	0.1	2	0	58.3	69.8																						

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)																										
22 September 2011		to														28 September 2011														Direction	Northbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed																					
		0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115																								
Average Day																																												
0000	15	2	4	5	3	1	1	0	0	0	0	0	0	0	0	0	0	1.9	0	1	0	1	64.2	78.1																				
01:00	10	1	2	2	2	1	1	0	0	0	0	0	0	0	0	0	0	4.3	0	0	0	0	67	-																				
02:00	10	1	1	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67.5	79.2																				
03:00	12	1	3	4	3	1	0	0	0	0	0	0	0	0	0	0	0	2.4	0	1.2	0	1.2	67.5	79.6																				
04:00	21	2	6	6	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64.4	77.8																				
05:00	38	9	11	9	7	2	0	0	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0	59.6	73.4																				
06:00	79	27	25	17	7	1	1	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	55.7	68																				
07:00	128	34	42	32	15	4	1	0	0	0	0	0	0	0	0	0	0	0.3	0	0.1	0	0	57.9	70.2																				
08:00	172	55	57	42	14	2	1	0	0	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0	55.8	67																				
09:00	180	50	64	45	15	5	1	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	57	67.7																				
10:00	216	56	72	57	24	6	1	1	0	0	0	0	0	0	0	0	1	0.4	0	0.1	0	0.1	57.9	69.5																				
11:00	230	57	85	54	28	5	1	0	0	0	0	0	0	0	0	0	0	0.2	0	0.1	0	0.1	57.7	69.8																				
12:00	251	55	88	69	29	8	2	0	0	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0.1	59	70.2																				
13:00	252	42	82	84	34	8	2	1	0	0	0	0	0	0	0	0	1	0.2	0	0	0	0	60.5	70.6																				
14:00	254	56	85	74	29	7	2	1	0	0	0	0	0	0	0	0	1	0.3	0	0.1	0	0.1	58.9	69.8																				
15:00	280	49	96	88	34	9	3	1	0	0	0	0	0	0	0	0	1	0.3	0	0.1	0	0.1	60	70.6																				
16:00	365	56	133	121	42	8	4	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	60	69.8																				
17:00	484	85	179	162	48	9	1	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	58.9	68.4																				
18:00	234	24	58	89	47	12	3	1	0	0	0	0	0	0	0	0	2	0.7	0	0.2	0	0.2	64.2	74.5																				
19:00	117	12	28	41	25	8	2	0	0	0	0	0	0	0	0	0	1	0.7	0	0.4	0	0.2	64.7	76																				
20:00	69	7	16	23	15	5	2	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	65.2	76.3																				
21:00	47	6	12	13	11	4	1	0	0	0	0	0	0	0	0	0	1	1.5	0	0.3	0	0.3	64.5	77																				
22:00	32	4	6	10	8	3	1	0	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0	66.7	79.9																				
23:00	23	2	5	6	7	2	1	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	67.3	77.4																				
07-19	3047	618	1041	917	358	84	23	5	1	0	0	0	0	0	0	0	7	0.2	2	0.1	1	0	59.2	70.2																				
06-22	3359	670	1122	1012	415	102	28	6	2	0	1	0	0	0	0	0	9	0.3	2	0.1	2	0	59.5	70.6																				
06-00	3414	676	1133	1027	430	108	30	6	2	0	1	0	0	0	0	0	9	0.3	2	0.1	2	0	59.6	70.6																				
00-00	3519	693	1160	1056	453	115	32	7	2	1	1	0	0	0	0	0	10	0.3	2	0.1	2	0.1	59.7	70.9																				

40720 Dublin ATCs															Site	1	Location										
22 September 2011		to													28 September 2011	Direction	Northbound	Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)									
		Speed Bins													Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)								
Time Period	Total Vehicles	0	50	60	70	80	90	100	110	120	130	140	150	160	100	100	112	112	115	115	Mean Speed	85%ile Speed					
		50	60	70	80	90	100	110	120	130	140	150	160	200					DFT	DFT							
Virtual Week (1)																											
Mon	4323	915	1474	1275	495	122	34	7	1	0	0	0	0	0	8	0.2	1	0	1	0	59	69.8					
Tue	4356	844	1585	1285	483	115	29	6	4	2	3	0	0	0	15	0.3	7	0.2	6	0.1	59.1	69.8					
Wed	4488	1067	1501	1237	515	124	34	7	2	0	1	0	0	0	10	0.2	3	0.1	2	0	58.3	69.8					
Thu	4324	892	1461	1278	516	126	43	8	0	0	0	0	0	0	8	0.2	0	0	0	0	59.3	70.2					
Fri	4367	863	1453	1348	532	128	36	3	2	2	0	0	0	0	7	0.2	3	0.1	2	0	59.4	70.2					
|Sat	1684	169	394	573	380	121	31	14	2	0	0	0	0	0	16	1	1	0.1	0	0	65.3	77.4					
|Sun	1093	99	250	399	249	69	19	5	2	1	0	0	0	0	8	0.7	2	0.2	2	0.2	64.9	75.6					
5 Day Average																											
[--]	4372	916	1495	1285	508	123	35	6	2	1	1	0	0	0	10	0.2	3	0.1	2	0.1	59.0	70.0					
7 Day Average																											
[--]	3519	693	1160	1056	453	115	32	7	2	1	1	0	0	0	10	0.3	2	0.1	2	0.1	59.7	70.9					
Total Vehicles																											
[--]	24635	4849	8118	7395	3170	805	226	50	13	5	4	0	0	0	72	0.3	17	0.1	13	0.1	59.7	70.9					



40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
22 September 2011														
00:00	16	0	12	2	0	0	0	0	1	0	0	1	0	0
01:00	13	0	8	1	0	0	0	0	0	0	0	4	0	0
02:00	16	0	14	1	0	0	0	0	0	0	0	1	0	0
03:00	23	0	16	5	1	0	0	0	0	0	0	1	0	0
04:00	18	0	13	4	0	0	1	0	0	0	0	0	0	0
05:00	87	1	57	20	0	5	2	0	0	0	0	2	0	0
06:00	172	0	111	32	4	1	1	0	4	0	3	15	0	1
07:00	365	4	282	48	1	1	0	0	5	3	4	15	0	2
08:00	734	1	617	75	6	4	2	0	12	0	2	15	0	0
09:00	619	2	487	81	5	11	2	0	10	0	5	13	0	3
10:00	314	6	188	71	4	11	2	0	8	1	6	16	0	1
11:00	299	2	199	54	9	9	2	0	10	1	5	7	0	1
12:00	322	0	196	70	5	12	1	0	16	0	5	16	0	1
13:00	339	1	230	56	8	15	4	0	12	0	3	10	0	0
14:00	344	2	234	58	9	10	1	0	10	2	5	11	0	2
15:00	315	3	205	65	6	11	2	0	8	0	3	10	0	2
16:00	339	4	242	45	6	9	2	1	8	1	9	9	0	3
17:00	231	3	171	36	2	5	1	0	4	0	2	4	0	3
18:00	172	1	120	16	5	5	2	0	4	2	3	14	0	0
19:00	130	3	94	13	3	5	0	0	5	0	1	6	0	0
20:00	63	0	49	5	3	1	0	0	0	0	0	5	0	0
21:00	60	1	47	2	1	1	1	0	3	0	1	3	0	0
22:00	38	0	29	3	0	1	0	0	1	0	0	4	0	0
23:00	36	0	22	4	1	3	0	0	2	0	0	4	0	0
07-19	4393	29	3171	675	66	103	21	1	107	10	52	140	0	18
06-22	4818	33	3472	727	77	111	23	1	119	10	57	169	0	19
06-00	4892	33	3523	734	78	115	23	1	122	10	57	177	0	19
00-00	5065	34	3643	767	79	120	26	1	123	10	57	186	0	19

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
23 September 2011														
00:00	18	0	11	1	0	1	0	0	1	0	1	3	0	0
01:00	14	0	8	0	0	0	0	0	0	0	1	5	0	0
02:00	16	0	11	1	0	0	0	0	0	2	0	2	0	0
03:00	12	0	10	1	0	0	0	0	0	0	1	0	0	0
04:00	25	0	19	4	0	0	1	0	0	0	0	1	0	0
05:00	61	0	42	14	0	3	0	0	1	0	0	1	0	0
06:00	169	1	111	23	3	2	2	0	9	0	3	15	0	0
07:00	363	2	272	53	3	7	4	0	7	0	4	9	0	2
08:00	696	2	573	71	6	4	2	0	11	0	6	21	0	0
09:00	440	0	327	71	5	7	1	0	8	0	7	12	0	2
10:00	344	1	238	62	6	7	3	0	8	0	5	13	0	1
11:00	318	2	219	50	5	12	3	0	11	0	4	11	0	1
12:00	352	1	237	55	9	11	4	0	13	1	5	15	0	1
13:00	354	2	227	73	9	13	1	0	11	0	3	13	0	2
14:00	336	3	225	63	7	6	2	1	12	1	3	12	0	1
15:00	302	3	197	57	5	8	0	0	8	0	9	12	0	3
16:00	269	3	191	41	3	11	1	0	3	0	3	10	0	3
17:00	235	3	156	24	8	10	0	0	16	0	4	12	0	2
18:00	166	2	114	25	4	6	1	0	5	1	3	5	0	0
19:00	121	1	84	14	2	4	1	0	2	0	4	9	0	0
20:00	87	1	62	9	4	2	0	0	2	0	1	5	0	1
21:00	46	0	37	3	0	1	0	0	1	0	1	3	0	0
22:00	40	0	33	3	0	1	1	0	0	0	0	2	0	0
23:00	29	0	22	1	0	1	0	0	0	0	0	5	0	0
07-19	4175	24	2976	645	70	102	22	1	113	3	56	145	0	18
06-22	4598	27	3270	694	79	111	25	1	127	3	65	177	0	19
06-00	4667	27	3325	698	79	113	26	1	127	3	65	184	0	19
00-00	4813	27	3426	719	79	117	27	1	129	5	68	196	0	19

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
24 September 2011														
00:00	21	0	18	1	0	0	0	0	1	0	0	1	0	0
01:00	13	0	10	0	0	0	0	0	0	0	0	3	0	0
02:00	11	0	9	1	0	0	0	0	0	0	0	1	0	0
03:00	17	0	12	3	0	0	0	0	1	0	0	1	0	0
04:00	13	0	9	4	0	0	0	0	0	0	0	0	0	0
05:00	39	0	30	3	0	3	0	0	0	0	0	3	0	0
06:00	52	0	32	9	0	1	0	0	1	0	1	8	0	0
07:00	89	0	64	15	0	2	0	0	3	0	2	3	0	0
08:00	87	0	60	16	2	2	2	0	2	0	1	2	0	0
09:00	139	2	98	23	2	2	1	0	5	0	1	5	0	0
10:00	141	0	103	24	1	5	2	0	2	0	0	4	0	0
11:00	169	2	130	20	1	3	4	0	4	0	2	3	0	0
12:00	195	2	153	17	5	5	1	1	3	0	2	5	0	1
13:00	198	2	163	19	1	3	1	0	4	0	1	3	0	1
14:00	178	0	155	16	0	3	1	0	2	0	0	1	0	0
15:00	140	1	129	4	1	2	2	0	0	0	0	1	0	0
16:00	123	1	104	13	1	1	1	0	0	0	0	2	0	0
17:00	117	1	102	9	0	1	0	0	0	0	0	4	0	0
18:00	115	2	102	9	0	1	0	0	1	0	0	0	0	0
19:00	78	2	69	5	0	2	0	0	0	0	0	0	0	0
20:00	55	0	50	4	0	0	0	0	0	0	0	1	0	0
21:00	37	0	35	1	0	0	1	0	0	0	0	0	0	0
22:00	27	0	26	0	0	1	0	0	0	0	0	0	0	0
23:00	21	0	20	0	1	0	0	0	0	0	0	0	0	0
07-19	1691	13	1363	185	14	30	15	1	26	0	9	33	0	2
06-22	1913	15	1549	204	14	33	16	1	27	0	10	42	0	2
06-00	1961	15	1595	204	15	34	16	1	27	0	10	42	0	2
00-00	2075	15	1683	216	15	37	16	1	29	0	10	51	0	2

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
25 September 2011														
00:00	22	0	20	1	0	1	0	0	0	0	0	0	0	0
01:00	14	0	14	0	0	0	0	0	0	0	0	0	0	0
02:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
03:00	7	0	4	1	0	2	0	0	0	0	0	0	0	0
04:00	13	0	9	1	0	1	1	0	0	0	0	1	0	0
05:00	21	0	17	3	0	1	0	0	0	0	0	0	0	0
06:00	32	0	19	2	0	0	0	0	0	0	1	9	0	1
07:00	25	0	16	2	1	0	0	0	0	0	2	4	0	0
08:00	36	0	19	9	0	6	0	0	0	0	0	2	0	0
09:00	60	0	54	4	0	0	0	0	0	0	0	2	0	0
10:00	71	1	59	6	1	1	1	0	1	0	0	1	0	0
11:00	101	0	90	7	0	2	1	0	0	0	1	0	0	0
12:00	143	0	130	9	0	1	0	0	1	0	0	2	0	0
13:00	122	4	109	5	0	2	0	0	2	0	0	0	0	0
14:00	140	1	129	6	0	0	1	0	2	0	0	0	0	1
15:00	119	0	111	7	0	1	0	0	0	0	0	0	0	0
16:00	107	1	100	4	0	0	0	0	1	0	0	1	0	0
17:00	87	1	73	9	0	0	0	0	1	0	0	3	0	0
18:00	77	0	72	3	1	0	1	0	0	0	0	0	0	0
19:00	81	0	70	7	1	2	0	0	1	0	0	0	0	0
20:00	44	0	40	2	1	0	0	0	0	0	0	1	0	0
21:00	37	0	33	1	0	2	0	0	0	0	0	1	0	0
22:00	24	0	21	1	0	1	0	0	0	0	0	1	0	0
23:00	15	1	13	0	0	1	0	0	0	0	0	0	0	0
07-19	1088	8	962	71	3	13	4	0	8	0	3	15	0	1
06-22	1282	8	1124	83	5	17	4	0	9	0	4	26	0	2
06-00	1321	9	1158	84	5	19	4	0	9	0	4	27	0	2
00-00	1405	9	1229	90	5	24	5	0	9	0	4	28	0	2

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
26 September 2011														
00:00	11	0	8	0	0	1	0	0	0	0	0	2	0	0
01:00	11	0	8	1	0	0	0	0	0	0	0	2	0	0
02:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
03:00	9	0	9	0	0	0	0	0	0	0	0	0	0	0
04:00	18	0	11	4	1	0	1	0	1	0	0	0	0	0
05:00	51	0	32	15	2	0	0	0	0	0	1	1	0	0
06:00	152	1	104	25	0	2	1	0	3	0	3	13	0	0
07:00	384	3	281	45	3	8	1	1	7	1	11	22	0	1
08:00	753	2	637	74	4	7	2	1	8	0	4	12	0	2
09:00	523	1	401	71	5	5	3	1	13	0	9	12	0	2
10:00	299	0	206	44	9	11	0	0	9	1	5	14	0	0
11:00	321	1	217	61	8	9	5	0	10	1	3	6	0	0
12:00	299	2	190	56	7	10	1	0	9	1	7	15	0	1
13:00	342	1	232	48	8	13	5	0	7	1	4	23	0	0
14:00	335	3	230	61	6	6	5	1	12	0	4	6	0	1
15:00	304	2	202	60	2	13	2	0	9	0	5	5	1	3
16:00	316	3	206	52	13	10	4	0	13	0	4	11	0	0
17:00	219	5	155	35	3	3	0	0	7	0	2	7	0	2
18:00	185	3	139	20	2	5	0	0	6	0	2	7	0	1
19:00	117	1	88	12	3	5	0	0	2	0	2	4	0	0
20:00	66	1	48	6	1	1	2	0	0	1	0	6	0	0
21:00	57	0	46	2	1	0	0	0	1	1	3	3	0	0
22:00	36	0	26	1	0	3	1	0	1	0	1	3	0	0
23:00	32	0	22	1	0	2	1	0	1	0	0	5	0	0
07-19	4280	26	3096	627	70	100	28	4	110	5	60	140	1	13
06-22	4672	29	3382	672	75	108	31	4	116	7	68	166	1	13
06-00	4740	29	3430	674	75	113	33	4	118	7	69	174	1	13
00-00	4847	29	3505	694	78	114	34	4	119	7	70	179	1	13

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
27 September 2011														
00:00	21	0	17	4	0	0	0	0	0	0	0	0	0	0
01:00	10	0	5	1	0	0	0	0	0	0	0	4	0	0
02:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
03:00	10	0	9	0	0	1	0	0	0	0	0	0	0	0
04:00	17	0	11	4	0	0	2	0	0	0	0	0	0	0
05:00	85	0	51	23	1	6	1	0	0	0	2	1	0	0
06:00	185	1	123	24	1	6	4	0	3	1	4	16	0	2
07:00	391	2	310	52	4	6	1	1	7	0	5	3	0	0
08:00	745	2	630	72	9	4	1	0	10	0	2	14	0	1
09:00	484	2	379	57	6	8	2	0	13	0	2	15	0	0
10:00	338	4	235	59	7	10	1	0	12	0	3	5	0	2
11:00	317	5	193	74	6	11	2	0	8	1	7	10	0	0
12:00	308	2	210	52	4	7	0	0	11	0	7	13	0	2
13:00	311	2	205	53	5	18	2	0	10	2	3	9	0	2
14:00	322	2	224	56	7	8	1	0	14	0	2	8	0	0
15:00	291	1	193	57	3	13	2	1	7	0	2	12	0	0
16:00	269	4	164	61	5	9	4	0	10	0	4	7	0	1
17:00	256	7	184	35	3	8	1	1	6	0	2	6	0	3
18:00	184	2	130	23	4	5	1	0	3	0	1	13	0	2
19:00	114	1	77	11	4	5	0	0	1	0	2	13	0	0
20:00	65	1	50	4	1	3	1	0	0	2	1	1	0	1
21:00	55	0	45	2	0	0	0	0	2	0	1	5	0	0
22:00	48	0	38	3	0	1	2	0	0	0	0	4	0	0
23:00	15	0	10	1	1	0	0	0	0	0	0	3	0	0
07-19	4216	35	3057	651	63	107	18	3	111	3	40	115	0	13
06-22	4635	38	3352	692	69	121	23	3	117	6	48	150	0	16
06-00	4698	38	3400	696	70	122	25	3	117	6	48	157	0	16
00-00	4844	38	3496	728	71	129	28	3	117	6	50	162	0	16

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Southbound

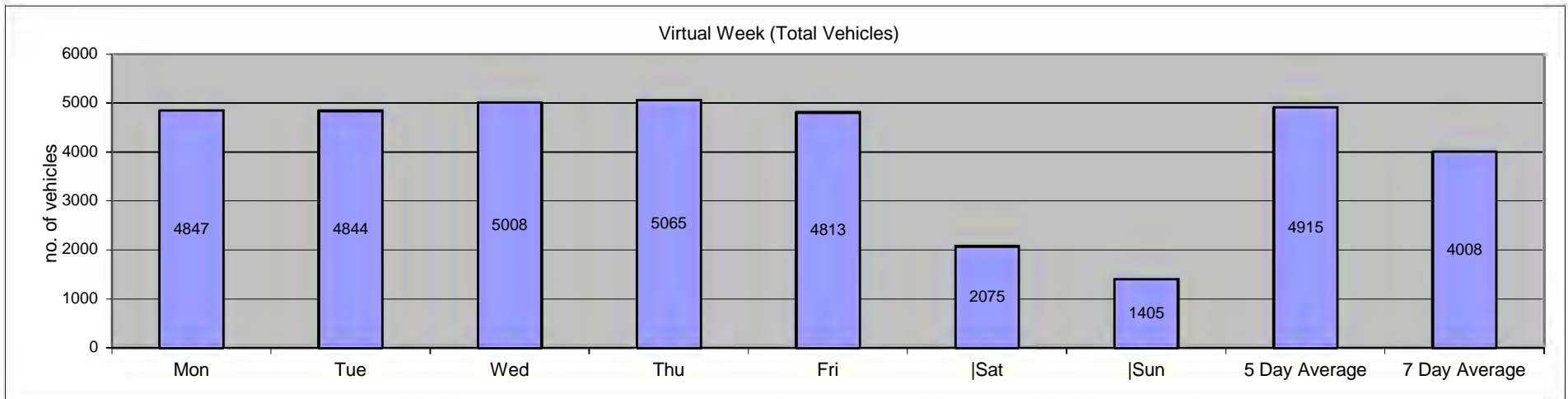
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
28 September 2011														
00:00	16	0	10	1	0	0	0	0	0	0	1	4	0	0
01:00	17	0	14	0	0	0	0	0	0	0	0	3	0	0
02:00	12	0	10	2	0	0	0	0	0	0	0	0	0	0
03:00	12	0	10	0	0	0	0	0	1	0	0	1	0	0
04:00	19	0	12	4	1	0	1	0	0	0	0	1	0	0
05:00	79	0	58	13	2	3	1	0	1	0	1	0	0	0
06:00	165	1	109	27	3	2	0	0	4	0	4	15	0	0
07:00	383	5	288	55	0	4	0	1	7	0	5	17	0	1
08:00	794	4	670	71	3	5	4	0	17	0	6	14	0	0
09:00	499	7	365	88	6	4	4	0	11	0	1	13	0	0
10:00	312	4	207	58	6	11	2	0	8	1	2	12	0	1
11:00	309	3	203	62	9	11	2	0	5	0	6	5	0	3
12:00	314	2	204	50	10	9	7	0	9	0	9	13	0	1
13:00	353	3	240	66	4	5	6	1	13	0	4	11	0	0
14:00	335	5	221	69	6	5	3	1	9	0	4	11	0	1
15:00	308	1	192	71	6	16	4	0	6	0	1	9	0	2
16:00	319	5	225	48	4	5	4	0	8	1	7	10	0	2
17:00	250	6	182	25	6	11	3	1	7	0	2	7	0	0
18:00	189	3	140	22	2	4	2	0	3	0	4	9	0	0
19:00	115	1	88	8	4	2	1	1	2	0	1	7	0	0
20:00	83	1	67	8	0	2	0	0	2	0	0	3	0	0
21:00	51	0	39	3	0	1	0	0	0	1	3	4	0	0
22:00	47	0	38	3	1	1	0	0	0	0	3	1	0	0
23:00	27	0	21	1	0	0	0	0	1	0	1	3	0	0
07-19	4365	48	3137	685	62	90	41	4	103	2	51	131	0	11
06-22	4779	51	3440	731	69	97	42	5	111	3	59	160	0	11
06-00	4853	51	3499	735	70	98	42	5	112	3	63	164	0	11
00-00	5008	51	3613	755	73	101	44	5	114	3	65	173	0	11

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Average Day														
00:00	18	0	14	1	0	0	0	0	0	0	0	2	0	0
01:00	13	0	10	0	0	0	0	0	0	0	0	3	0	0
02:00	10	0	9	1	0	0	0	0	0	0	0	1	0	0
03:00	13	0	10	1	0	0	0	0	0	0	0	0	0	0
04:00	18	0	12	4	0	0	1	0	0	0	0	0	0	0
05:00	60	0	41	13	1	3	1	0	0	0	1	1	0	0
06:00	132	1	87	20	2	2	1	0	3	0	3	13	0	1
07:00	286	2	216	39	2	4	1	0	5	1	5	10	0	1
08:00	549	2	458	55	4	5	2	0	9	0	3	11	0	0
09:00	395	2	302	56	4	5	2	0	9	0	4	10	0	1
10:00	260	2	177	46	5	8	2	0	7	0	3	9	0	1
11:00	262	2	179	47	5	8	3	0	7	0	4	6	0	1
12:00	276	1	189	44	6	8	2	0	9	0	5	11	0	1
13:00	288	2	201	46	5	10	3	0	8	0	3	10	0	1
14:00	284	2	203	47	5	5	2	0	9	0	3	7	0	1
15:00	254	2	176	46	3	9	2	0	5	0	3	7	0	1
16:00	249	3	176	38	5	6	2	0	6	0	4	7	0	1
17:00	199	4	146	25	3	5	1	0	6	0	2	6	0	1
18:00	155	2	117	17	3	4	1	0	3	0	2	7	0	0
19:00	108	1	81	10	2	4	0	0	2	0	1	6	0	0
20:00	66	1	52	5	1	1	0	0	1	0	0	3	0	0
21:00	49	0	40	2	0	1	0	0	1	0	1	3	0	0
22:00	37	0	30	2	0	1	1	0	0	0	1	2	0	0
23:00	25	0	19	1	0	1	0	0	1	0	0	3	0	0
07-19	3458	26	2537	506	50	78	21	2	83	3	39	103	0	11
06-22	3814	29	2798	543	55	85	23	2	89	4	44	127	0	12
06-00	3876	29	2847	546	56	88	24	2	90	4	45	132	0	12
00-00	4008	29	2942	567	57	92	26	2	91	4	46	139	0	12

40720 Dublin ATCs Site 1 Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)
 22 September 2011 to 28 September 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Virtual Week (1)														
Mon	4847	29	3505	694	78	114	34	4	119	7	70	179	1	13
Tue	4844	38	3496	728	71	129	28	3	117	6	50	162	0	16
Wed	5008	51	3613	755	73	101	44	5	114	3	65	173	0	11
Thu	5065	34	3643	767	79	120	26	1	123	10	57	186	0	19
Fri	4813	27	3426	719	79	117	27	1	129	5	68	196	0	19
|Sat	2075	15	1683	216	15	37	16	1	29	0	10	51	0	2
|Sun	1405	9	1229	90	5	24	5	0	9	0	4	28	0	2
5 Day Average														
[--]	4915	36	3537	733	76	116	32	3	120	6	62	179	0	16
7 Day Average														
[--]	4008	29	2942	567	57	92	26	2	91	4	46	139	0	12
Total Vehicles														
[--]	28057	203	20595	3969	400	642	180	15	640	31	324	975	1	82



40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)										
22 September 2011		to														28 September 2011	Direction	Southbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115	Mean Speed	85%ile Speed						
22 September 2011																												
00:00	16	1	6	2	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	67	83.2						
01:00	13	1	4	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64.7	76						
02:00	16	0	3	0	6	4	2	1	0	0	0	0	0	0	1	6.3	0	0	0	0	78.9	94						
03:00	23	1	0	10	8	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	71.7	81						
04:00	18	0	8	3	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66.2	76.7						
05:00	87	14	18	26	19	9	0	1	0	0	0	0	0	0	1	1.1	0	0	0	0	65	77.8						
06:00	172	71	48	39	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.9	65.9						
07:00	365	144	101	75	40	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	54.7	67.7						
08:00	734	376	240	99	15	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	50.8	60.1						
09:00	619	341	201	61	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.9	58						
10:00	314	103	136	51	21	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	54.8	64.4						
11:00	299	102	143	38	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.7	60.5						
12:00	322	123	116	61	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54.5	64.8						
13:00	339	145	119	57	16	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	52.3	62.6						
14:00	344	191	99	48	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49.6	60.1						
15:00	315	112	118	60	21	3	0	1	0	0	0	0	0	0	1	0.3	0	0	0	0	55	65.2						
16:00	339	123	138	47	29	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.6	64.8						
17:00	231	76	89	49	12	3	0	0	2	0	0	0	0	0	2	0.9	2	0.9	1	0.4	54.8	64.4						
18:00	172	69	67	26	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	53.5	63						
19:00	130	39	46	34	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	54.9	66.2						
20:00	63	9	22	15	12	1	3	1	0	0	0	0	0	0	1	1.6	0	0	0	0	62.6	74.5						
21:00	60	5	10	23	13	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	66.7	78.5						
22:00	38	3	16	7	9	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	62.6	74.9						
23:00	36	1	12	11	7	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	65.3	78.5						
07-19	4393	1905	1567	672	212	27	7	1	2	0	0	0	0	0	3	0.1	2	0	1	0	52.6	62.6						
06-22	4818	2029	1693	783	255	40	14	2	2	0	0	0	0	0	4	0.1	2	0	1	0	53	63.4						
06-00	4892	2033	1721	801	271	46	16	2	2	0	0	0	0	0	4	0.1	2	0	1	0	53.2	63.7						
00-00	5065	2050	1760	846	316	66	21	4	2	0	0	0	0	0	6	0.1	2	0	1	0	53.7	64.4						

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)												
22 September 2011		to														28 September 2011	Direction		Southbound		Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0	50	60	70	80	Speed Bins				120	130	140	150	160	100	100	112	112	115	115	Mean Speed	85%ile Speed							
		50	60	70	80	90	100	110	120	130	140	150	160	200					DFT	DFT										
23 September 2011																														
0000	18	2	3	7	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66.7	76.7							
01:00	14	1	3	3	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70.3	82.4							
02:00	16	0	1	6	6	1	1	0	1	0	0	0	0	0	1	6.3	1	6.3	0	0	0	75.3	86.8							
03:00	12	0	1	2	6	2	0	1	0	0	0	0	0	0	1	8.3	0	0	0	0	0	76.8	81.7							
04:00	25	2	4	5	9	4	0	0	1	0	0	0	0	0	1	4	0	0	0	0	0	70.2	81.4							
05:00	61	6	12	16	23	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66.5	78.5							
06:00	169	48	65	37	13	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56.4	68.4							
07:00	363	108	162	75	11	4	2	0	0	1	0	0	0	0	1	0.3	1	0.3	1	0.3	55.4	63.7								
08:00	696	421	191	57	25	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	58							
09:00	440	173	152	85	24	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.1	63.7							
10:00	344	140	137	53	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52.2	61.6							
11:00	318	136	116	51	13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52.3	62.3							
12:00	352	112	166	62	10	1	0	0	1	0	0	0	0	0	1	0.3	1	0.3	1	0.3	53.6	62.3								
13:00	354	127	160	51	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	61.6							
14:00	336	107	152	51	18	5	2	0	1	0	0	0	0	0	1	0.3	1	0.3	0	0	0	54.9	64.4							
15:00	302	117	132	30	15	2	5	1	0	0	0	0	0	0	1	0.3	0	0	0	0	0	53.5	61.6							
16:00	269	121	81	51	11	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50.8	64.1							
17:00	235	108	64	43	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.3	64.4							
18:00	166	35	60	43	17	8	1	2	0	0	0	0	0	0	2	1.2	0	0	0	0	0	58.8	70.9							
19:00	121	19	47	31	18	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.5	73.1							
20:00	87	15	31	26	13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59.2	70.6							
21:00	46	6	17	12	7	1	1	2	0	0	0	0	0	0	2	4.3	0	0	0	0	0	62.7	74.9							
22:00	40	5	10	13	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.6	74.2							
23:00	29	1	15	9	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61.7	69.5							
07-19	4175	1705	1573	652	185	39	15	3	2	1	0	0	0	0	6	0.1	3	0.1	2	0	0	52.8	62.6							
06-22	4598	1793	1733	758	236	48	22	5	2	1	0	0	0	0	8	0.2	3	0.1	2	0	0	53.3	63.7							
06-00	4667	1799	1758	780	249	51	22	5	2	1	0	0	0	0	8	0.2	3	0.1	2	0	0	53.5	63.7							
00-00	4813	1810	1782	819	300	64	27	6	4	1	0	0	0	0	11	0.2	4	0.1	2	0	0	53.9	64.8							

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)																								
22 September 2011		to														28 September 2011														Direction	Southbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115	Mean	85%ile																				
24 September 2011																						DFT	DFT	Speed	Speed																	
0000	21	0	4	7	6	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	70.6	86																				
01:00	13	0	3	3	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69.3	77.8																				
02:00	11	0	4	4	2	0	0	1	0	0	0	0	0	0	1	9.1	0	0	0	0	68.4	72.7																				
03:00	17	0	2	5	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	72.9	81.7																				
04:00	13	0	1	7	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	71.8	85.7																				
05:00	39	1	6	15	12	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	68.7	76.7																				
06:00	52	13	13	11	10	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	62.2	77																				
07:00	89	13	23	25	17	8	2	1	0	0	0	0	0	0	1	1.1	0	0	0	0	64.3	78.1																				
08:00	87	5	24	27	18	7	5	1	0	0	0	0	0	0	1	1.1	0	0	0	0	67	80.3																				
09:00	139	14	48	43	21	10	2	1	0	0	0	0	0	0	1	0.7	0	0	0	0	63.8	76																				
10:00	141	8	40	46	37	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	65.3	76																				
11:00	169	14	67	50	23	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.5	76.3																				
12:00	195	31	56	66	36	4	1	1	0	0	0	0	0	0	1	0.5	0	0	0	0	60.7	72.4																				
13:00	198	16	64	72	28	10	4	4	0	0	0	0	0	0	4	2	0	0	0	0	63.9	72.4																				
14:00	178	6	46	75	38	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	65.4	76																				
15:00	140	17	29	55	35	2	0	2	0	0	0	0	0	0	2	1.4	0	0	0	0	64.1	76																				
16:00	123	7	24	50	31	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	66	74.5																				
17:00	117	9	28	50	21	4	2	3	0	0	0	0	0	0	3	2.6	0	0	0	0	64.8	73.4																				
18:00	115	4	28	40	29	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	67.1	78.1																				
19:00	78	6	22	25	19	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	64.5	74.9																				
20:00	55	6	12	20	9	6	1	1	0	0	0	0	0	0	1	1.8	0	0	0	0	65.4	77																				
21:00	37	5	14	11	5	1	0	0	1	0	0	0	0	0	1	2.7	0	0	0	0	61.5	69.8																				
22:00	27	0	13	6	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64.6	79.9																				
23:00	21	0	6	9	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65.5	74.5																				
07-19	1691	144	477	599	334	100	24	13	0	0	0	0	0	0	13	0.8	0	0	0	0	64.3	75.2																				
06-22	1913	174	538	666	377	113	30	14	1	0	0	0	0	0	15	0.8	0	0	0	0	64.2	75.6																				
06-00	1961	174	557	681	385	119	30	14	1	0	0	0	0	0	15	0.8	0	0	0	0	64.2	75.6																				
00-00	2075	175	577	722	418	131	36	15	1	0	0	0	0	0	16	0.8	0	0	0	0	64.6	76																				

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)																										
22 September 2011		to														28 September 2011														Direction	Southbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed																					
		0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115																								
25 September 2011																																												
00:00	22	0	9	4	5	2	1	1	0	0	0	0	0	0	1	4.5	0	0	0	0	68.4	82.8																						
01:00	14	1	3	4	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	69.3	86.4																						
02:00	7	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61.3	-																						
03:00	7	0	0	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	76.5	-																						
04:00	13	3	1	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65.9	79.6																						
05:00	21	2	5	4	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	68.5	82.8																						
06:00	32	4	8	9	7	2	1	0	1	0	0	0	0	0	1	3.1	1	3.1	0	0	66.4	77																						
07:00	25	3	3	8	8	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	68.2	79.6																						
08:00	36	4	4	13	9	4	1	1	0	0	0	0	0	0	1	2.8	0	0	0	0	66.7	81.4																						
09:00	60	4	11	22	20	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	66.7	76.3																						
10:00	71	5	16	22	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65.6	75.2																						
11:00	101	3	28	47	13	9	0	1	0	0	0	0	0	0	1	1	0	0	0	0	65.4	72.4																						
12:00	143	17	44	45	32	3	1	1	0	0	0	0	0	0	1	0.7	0	0	0	0	62.7	73.8																						
13:00	122	17	27	54	20	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	62.5	71.3																						
14:00	140	10	54	51	21	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	62.2	71.6																						
15:00	119	4	36	58	18	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	63.3	70.2																						
16:00	107	7	30	51	16	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.9	71.3																						
17:00	87	10	16	45	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.8	72.7																						
18:00	77	7	22	26	16	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	63.8	73.8																						
19:00	81	7	20	28	21	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	64.8	76.3																						
20:00	44	1	15	16	9	2	0	1	0	0	0	0	0	0	1	2.3	0	0	0	0	65.1	72																						
21:00	37	6	13	12	1	3	1	0	1	0	0	0	0	0	1	2.7	1	2.7	1	2.7	62.7	69.5																						
22:00	24	2	3	9	4	2	3	1	0	0	0	0	0	0	1	4.2	0	0	0	0	71.3	85.7																						
23:00	15	2	2	10	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.2	68.8																						
07-19	1088	91	291	442	206	44	11	3	0	0	0	0	0	0	3	0.3	0	0	0	0	63.7	73.4																						
06-22	1282	109	347	507	244	55	14	4	2	0	0	0	0	0	6	0.5	2	0.2	1	0.1	63.9	73.8																						
06-00	1321	113	352	526	248	58	17	5	2	0	0	0	0	0	7	0.5	2	0.2	1	0.1	64	73.8																						
00-00	1405	120	372	544	270	69	22	6	2	0	0	0	0	0	8	0.6	2	0.1	1	0.1	64.2	74.5																						

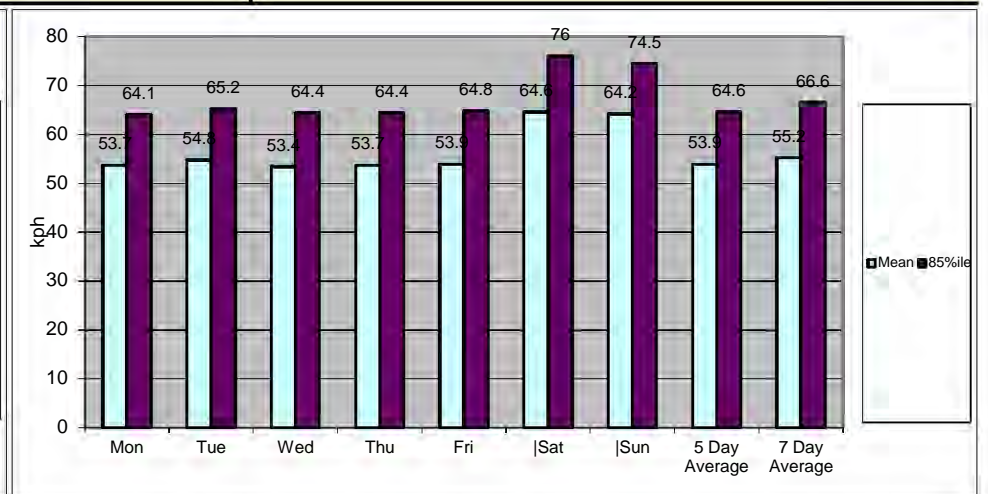
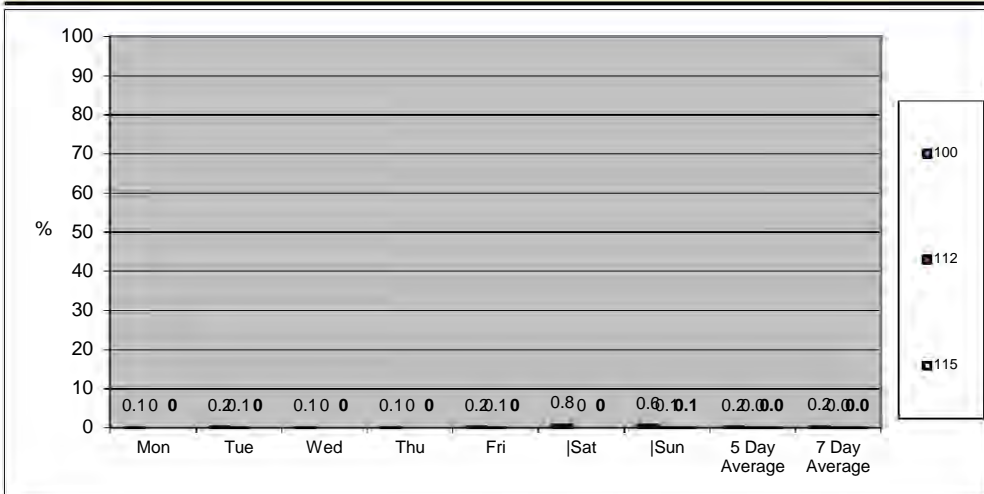
40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)											
22 September 2011		to														28 September 2011		Direction	Southbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0	50	60	70	80	90	100	110	120	130	140	150	160	100	100	112	112	115	115	Mean Speed	85%ile Speed							
		50	60	70	80	90	100	110	120	130	140	150	160	200					DFT	DFT									
26 September 2011																													
0000	11	0	2	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69.8	80.3							
01:00	11	2	1	4	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66.8	82.1							
02:00	7	0	2	0	1	2	1	1	0	0	0	0	0	0	1	14.3	0	0	0	0	82.1	-							
03:00	9	0	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64.3	-							
04:00	18	4	2	5	4	2	0	0	1	0	0	0	0	0	1	5.6	0	0	0	0	66.1	78.8							
05:00	51	3	14	19	11	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	65.2	77.4							
06:00	152	40	48	41	15	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	57.9	69.5							
07:00	384	116	179	76	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54.4	62.3							
08:00	753	484	181	74	7	3	4	0	0	0	0	0	0	0	0	0	0	0	0	0	48.2	58.7							
09:00	523	275	163	66	16	1	1	1	0	0	0	0	0	0	1	0.2	0	0	0	0	50.2	60.5							
10:00	299	101	123	63	9	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	53.8	62.6							
11:00	321	81	146	72	16	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	55.8	64.1							
12:00	299	122	119	41	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52.9	61.9							
13:00	342	73	173	79	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	64.1							
14:00	335	141	119	51	16	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	51.3	64.4							
15:00	304	110	115	56	13	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	54.2	64.4							
16:00	316	158	103	45	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	61.2							
17:00	219	56	92	50	17	3	0	1	0	0	0	0	0	0	1	0.5	0	0	0	0	56.4	65.2							
18:00	185	54	57	39	29	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	58.7	71.6							
19:00	117	24	51	29	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58.3	67.3							
20:00	66	5	30	19	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	61.8	70.9							
21:00	57	8	18	18	6	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	62.9	75.6							
22:00	36	6	9	11	8	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	63.1	72							
23:00	32	1	8	14	3	3	0	2	0	1	0	0	0	0	3	9.4	1	3.1	1	3.1	69.3	80.3							
07-19	4280	1771	1570	712	172	37	16	2	0	0	0	0	0	0	2	0	0	0	0	0	52.6	62.6							
06-22	4672	1848	1717	819	210	55	21	2	0	0	0	0	0	0	2	0	0	0	0	0	53.2	63.4							
06-00	4740	1855	1734	844	221	58	23	4	0	1	0	0	0	0	5	0.1	1	0	1	0	53.4	63.7							
00-00	4847	1864	1758	879	244	70	25	5	1	1	0	0	0	0	7	0.1	1	0	1	0	53.7	64.1							

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)										
22 September 2011		to														28 September 2011	Direction	Southbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)			Mean Speed	85%ile Speed	
		0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115 DFT	115 DFT								
27 September 2011																												
00:00	21	0	3	11	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	69.8	79.9						
01:00	10	0	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58.9	-						
02:00	3	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72.5	-						
03:00	10	1	0	3	2	3	0	0	1	0	0	0	0	0	0	1	10	1	10	0	0	75.7	-					
04:00	17	4	5	2	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62.7	76						
05:00	85	9	27	24	19	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	63.8	73.1						
06:00	185	50	61	50	12	5	5	2	0	0	0	0	0	0	0	2	1.1	0	0	0	57.6	68.8						
07:00	391	152	146	66	24	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	53.5	63.7						
08:00	745	250	328	142	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.8	61.9						
09:00	484	188	211	72	11	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	52.2	60.8						
10:00	338	97	152	58	25	2	2	1	1	0	0	0	0	0	2	0.6	1	0.3	1	0.3	54.8	63.4						
11:00	317	135	110	59	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52.8	63						
12:00	308	126	107	52	15	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	52.7	64.8						
13:00	311	84	137	58	25	5	1	1	0	0	0	0	0	1	0.3	0	0	0	0	0	56.6	67.7						
14:00	322	116	119	63	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54.4	63.7						
15:00	291	126	102	38	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53.3	65.5						
16:00	269	109	101	36	19	3	0	1	0	0	0	0	0	1	0.4	0	0	0	0	0	53.2	64.8						
17:00	256	79	110	45	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	63.4						
18:00	184	42	76	42	13	4	5	1	1	0	0	0	0	2	1.1	1	0.5	0	0	0	57.3	68.4						
19:00	114	22	48	25	13	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	59.1	72						
20:00	65	13	16	30	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.2	68.4						
21:00	55	7	18	16	6	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	64.1	78.5						
22:00	48	5	23	10	6	1	2	1	0	0	0	0	0	1	2.1	0	0	0	0	0	62	73.8						
23:00	15	1	2	4	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	71.3	85.3						
07-19	4216	1504	1699	731	217	48	11	4	2	0	0	0	0	6	0.1	2	0	1	0	0	53.9	63.7						
06-22	4635	1596	1842	852	253	65	19	6	2	0	0	0	0	8	0.2	2	0	1	0	0	54.4	64.4						
06-00	4698	1602	1867	866	263	69	22	7	2	0	0	0	0	9	0.2	2	0	1	0	0	54.5	64.8						
00-00	4844	1616	1909	910	294	79	26	7	3	0	0	0	0	10	0.2	3	0.1	1	0	0	54.8	65.2						

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)																										
22 September 2011		to														28 September 2011														Direction	Southbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed																					
		0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115																								
28 September 2011																																												
00:00	16	2	5	3	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63.7	72.4																						
01:00	17	2	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57.3	64.1																						
02:00	12	1	2	3	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70.4	82.1																						
03:00	12	1	0	4	4	1	1	0	0	1	0	0	0	0	0	1	8.3	1	8.3	1	8.3	75.4	81.4																					
04:00	19	0	5	11	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	66.1	69.5																						
05:00	79	13	11	30	20	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	65.1	74.5																						
06:00	165	54	57	28	21	3	1	1	0	0	0	0	0	0	0	1	0.6	0	0	0	56.4	70.2																						
07:00	383	157	135	73	16	1	0	0	0	0	0	0	0	1	1	0.3	1	0.3	1	0.3	52.1	63																						
08:00	794	507	216	62	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45.9	56.2																						
09:00	499	199	181	78	31	7	2	1	0	0	0	0	0	0	1	0.2	0	0	0	0	53.4	64.4																						
10:00	312	108	159	33	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	59.4																						
11:00	309	95	126	71	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54.9	63																						
12:00	314	101	138	58	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54.2	63																						
13:00	353	145	113	63	21	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	54.3	64.8																						
14:00	335	146	105	66	15	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	52.4	62.6																						
15:00	308	90	97	88	30	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55.6	67.3																						
16:00	319	132	129	44	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	51.7	61.2																						
17:00	250	73	123	34	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54.4	63.4																						
18:00	189	38	86	44	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57.5	67.7																						
19:00	115	16	44	45	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	59.2	67																						
20:00	83	14	33	23	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58.6	70.2																						
21:00	51	8	15	11	10	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	64.4	77.8																						
22:00	47	2	20	9	10	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	64.8	74.2																						
23:00	27	2	11	7	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	64.5	75.6																						
07-19	4365	1791	1608	714	200	43	7	1	0	0	0	0	0	1	2	0	1	0	1	0	52.3	62.6																						
06-22	4779	1883	1757	821	243	60	12	2	0	0	0	0	0	1	3	0.1	1	0	1	0	52.8	63.4																						
06-00	4853	1887	1788	837	258	63	17	2	0	0	0	0	0	1	3	0.1	1	0	1	0	53	63.7																						
00-00	5008	1906	1820	894	290	74	20	2	0	1	0	0	0	1	4	0.1	2	0	2	0	53.4	64.4																						

40720 Dublin ATCs																Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)																					
22 September 2011		to														28 September 2011														Direction	Southbound	Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	120 130	130 140	140 150	150 160	160 200	100	100	112	112	115	115	Mean	85%ile																	
Average Day																						DFT	DFT	Speed	Speed														
0000	18	1	5	5	4	2	1	0	0	0	0	0	0	0	0	0.8	0	0	0	0	68.1	81.4																	
01:00	13	1	4	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65.1	78.1																	
02:00	10	0	2	2	3	2	1	0	0	0	0	0	0	0	1	5.6	0	1.4	0	0	73.4	85.7																	
03:00	13	0	1	4	5	2	1	0	0	0	0	0	0	0	0	3.3	0	2.2	0	1.1	73.2	84.6																	
04:00	18	2	4	5	5	2	0	0	0	0	0	0	0	0	0	1.6	0	0	0	0	67	79.6																	
05:00	60	7	13	19	16	4	1	0	0	0	0	0	0	0	0	0.2	0	0	0	0	65.5	77.4																	
06:00	132	40	43	31	13	4	2	0	0	0	0	0	0	0	1	0.4	0	0.1	0	0	57.1	69.5																	
07:00	286	99	107	57	18	3	1	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0.1	54.6	64.8																	
08:00	549	292	169	68	15	3	2	0	0	0	0	0	0	0	0	0.1	0	0	0	0	50.1	60.1																	
09:00	395	171	138	61	20	3	1	0	0	0	0	0	0	0	0	0.1	0	0	0	0	52.6	63																	
10:00	260	80	109	47	19	4	1	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0.1	54.9	65.2																	
11:00	262	81	105	55	15	5	1	0	0	0	0	0	0	0	0	0.1	0	0	0	0	55.3	64.8																	
12:00	276	90	107	55	20	4	0	0	0	0	0	0	0	0	0	0.2	0	0.1	0	0.1	55	65.5																	
13:00	288	87	113	62	20	5	1	1	0	0	0	0	0	0	1	0.2	0	0	0	0	55.8	66.2																	
14:00	284	102	99	58	19	5	1	0	0	0	0	0	0	0	0	0.1	0	0.1	0	0	54.3	65.5																	
15:00	254	82	90	55	22	3	1	1	0	0	0	0	0	0	1	0.2	0	0	0	0	55.7	67.3																	
16:00	249	94	87	46	18	4	1	0	0	0	0	0	0	0	0	0.1	0	0	0	0	53.8	65.5																	
17:00	199	59	75	45	16	4	0	1	0	0	0	0	0	0	1	0.4	0	0.1	0	0.1	55.9	66.6																	
18:00	155	36	57	37	18	6	2	0	0	0	0	0	0	0	1	0.4	0	0.1	0	0	58.7	70.9																	
19:00	108	19	40	31	13	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	59.7	70.9																	
20:00	66	9	23	21	9	3	1	0	0	0	0	0	0	0	0	0.6	0	0	0	0	61.4	72																	
21:00	49	6	15	15	7	4	2	0	0	0	0	0	0	0	1	1.2	0	0.3	0	0.3	63.8	78.1																	
22:00	37	3	13	9	7	2	2	0	0	0	0	0	0	0	0	0.8	0	0	0	0	64	76.7																	
23:00	25	1	8	9	4	2	0	0	0	0	0	0	0	0	0	1.7	0	0.6	0	0.6	65.6	76.3																	
07-19	3458	1273	1255	646	218	48	13	4	1	0	0	0	0	0	5	0.1	1	0	1	0	54.1	64.8																	
06-22	3814	1347	1375	744	260	62	19	5	1	0	0	0	0	0	7	0.2	1	0	1	0	54.6	65.5																	
06-00	3876	1352	1397	762	271	66	21	6	1	0	0	0	0	0	7	0.2	2	0	1	0	54.8	65.9																	
00-00	4008	1363	1425	802	305	79	25	6	2	0	0	0	0	0	9	0.2	2	0	1	0	55.2	66.6																	

40720 Dublin ATCs															Site	1	Location Cloghran Rd, 30 metres North of Quarry Entrance (N53.24.954, W6.20.605)											
22 September 2011		to													28 September 2011		Direction	Southbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0	50	60	70	80	Speed Bins								100	100	112	112	115	115	Mean Speed	85%ile Speed						
		50	60	70	80	90	100	110	120	130	140	150	160	200					DFT	DFT								
Virtual Week (1)																												
Mon	4847	1864	1758	879	244	70	25	5	1	1	0	0	0	0	7	0.1	1	0	1	0	53.7	64.1						
Tue	4844	1616	1909	910	294	79	26	7	3	0	0	0	0	0	10	0.2	3	0.1	1	0	54.8	65.2						
Wed	5008	1906	1820	894	290	74	20	2	0	1	0	0	0	1	4	0.1	2	0	2	0	53.4	64.4						
Thu	5065	2050	1760	846	316	66	21	4	2	0	0	0	0	0	6	0.1	2	0	1	0	53.7	64.4						
Fri	4813	1810	1782	819	300	64	27	6	4	1	0	0	0	0	11	0.2	4	0.1	2	0	53.9	64.8						
|Sat	2075	175	577	722	418	131	36	15	1	0	0	0	0	0	16	0.8	0	0	0	0	64.6	76						
|Sun	1405	120	372	544	270	69	22	6	2	0	0	0	0	0	8	0.6	2	0.1	1	0.1	64.2	74.5						
5 Day Average																												
[--]	4915	1849	1806	870	289	71	24	5	2	1	0	0	0	0	8	0.2	2	0.0	1	0.0	53.9	64.6						
7 Day Average																												
[--]	4008	1363	1425	802	305	79	25	6	2	0	0	0	0	0	9	0.2	2	0.0	1	0.0	55.2	66.6						
Total Vehicles																												
[--]	28057	9541	9978	5614	2132	553	177	45	13	3	0	0	0	1	62	0.2	14	0.0	8	0.0	55.2	66.6						





40720 Dublin ATCs																	
September 2011																	
Site	Location	Exact	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Posted Speed Limit (PSL)		110%(PSL) + 2 (SL1)		DfT PSL+15 (SL2)		Mean Speed	85%ile Speed
										>PSL	>PSL%	>SL1	>SL1%	>SL2	>SL2%		
2	North Rd, 50m south of dogs trust entrance	N53.24.832, W6.19.167	Northbound	02 October 2011	08 October 2011	50	23854	4082	3408	14341	60.1	6525	27.4	1855	7.8	52.4	60.5
			Southbound	02 October 2011	08 October 2011		1576	259	225	1366	86.7	1095	69.5	651	41.3	62.5	74.9

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
02 October 2011														
0000	30	0	24	1	2	1	1	0	0	0	0	1	0	0
01:00	16	0	15	0	0	0	0	0	0	0	0	1	0	0
02:00	12	0	11	1	0	0	0	0	0	0	0	0	0	0
03:00	6	0	5	1	0	0	0	0	0	0	0	0	0	0
04:00	13	0	7	4	0	0	0	0	0	0	0	2	0	0
05:00	10	0	8	1	0	1	0	0	0	0	0	0	0	0
06:00	36	0	24	1	0	1	0	0	0	0	0	10	0	0
07:00	27	0	18	4	0	0	0	0	0	0	1	4	0	0
08:00	23	0	18	5	0	0	0	0	0	0	0	0	0	0
09:00	47	0	37	5	0	2	1	0	0	0	0	2	0	0
10:00	67	2	55	7	0	1	1	0	0	0	0	1	0	0
11:00	77	0	69	5	0	2	0	0	0	0	0	1	0	0
12:00	129	2	111	7	0	4	2	0	1	0	0	2	0	0
13:00	123	0	114	5	0	1	2	0	1	0	0	0	0	0
14:00	159	1	150	6	0	1	0	0	0	0	0	1	0	0
15:00	144	0	130	7	0	2	1	0	1	0	0	3	0	0
16:00	123	0	105	10	0	2	0	0	2	0	1	3	0	0
17:00	137	0	117	7	1	4	0	0	1	1	1	4	0	1
18:00	109	2	93	6	0	3	2	0	0	0	2	1	0	0
19:00	86	0	74	8	1	3	0	0	0	0	0	0	0	0
20:00	46	0	42	1	0	2	0	0	0	0	0	1	0	0
21:00	27	0	20	2	0	2	0	0	0	0	0	3	0	0
22:00	32	0	28	1	0	3	0	0	0	0	0	0	0	0
23:00	19	0	16	1	0	1	1	0	0	0	0	0	0	0
07-19	1165	7	1017	74	1	22	9	0	6	1	5	22	0	1
06-22	1360	7	1177	86	2	30	9	0	6	1	5	36	0	1
06-00	1411	7	1221	88	2	34	10	0	6	1	5	36	0	1
00-00	1498	7	1291	96	4	36	11	0	6	1	5	40	0	1

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
03 October 2011														
00:00	9	0	5	3	0	0	0	0	0	0	1	0	0	0
01:00	7	0	6	1	0	0	0	0	0	0	0	0	0	0
02:00	10	0	6	2	0	0	0	0	0	0	0	2	0	0
03:00	16	0	12	3	0	0	0	0	0	0	0	1	0	0
04:00	26	1	16	6	0	0	1	0	1	0	0	1	0	0
05:00	40	2	23	11	1	0	0	0	0	0	2	1	0	0
06:00	124	0	79	26	1	4	2	1	0	0	2	9	0	0
07:00	208	6	129	45	1	4	2	0	7	1	2	10	0	1
08:00	354	0	261	36	3	3	1	0	24	1	4	18	0	3
09:00	313	0	204	57	2	9	5	0	17	0	2	17	0	0
10:00	253	1	145	49	6	9	5	0	23	0	3	11	0	1
11:00	272	1	139	61	6	11	1	0	29	2	3	15	0	4
12:00	266	1	141	52	4	15	4	0	26	3	5	14	0	1
13:00	292	1	167	49	6	18	4	0	25	0	4	18	0	0
14:00	306	2	188	52	3	11	3	0	30	0	1	13	0	3
15:00	324	4	190	64	3	15	2	0	26	2	3	14	0	1
16:00	314	1	183	67	10	9	5	2	19	2	4	11	0	1
17:00	283	5	188	47	5	5	1	0	10	1	4	15	0	2
18:00	169	0	119	22	4	5	1	0	3	0	5	8	0	2
19:00	104	1	71	16	0	5	0	0	3	0	1	7	0	0
20:00	64	2	48	8	1	1	1	0	1	0	0	2	0	0
21:00	47	1	35	6	0	5	0	0	0	0	0	0	0	0
22:00	50	1	35	5	1	1	0	0	3	0	0	4	0	0
23:00	23	0	19	1	0	1	0	0	0	0	0	2	0	0
07-19	3354	22	2054	601	53	114	34	2	239	12	40	164	0	19
06-22	3693	26	2287	657	55	129	37	3	243	12	43	182	0	19
06-00	3766	27	2341	663	56	131	37	3	246	12	43	188	0	19
00-00	3874	30	2409	689	57	131	38	3	247	12	46	193	0	19

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
04 October 2011														
00:00	11	0	6	2	0	0	0	0	0	0	0	3	0	0
01:00	21	0	15	2	0	0	0	0	1	0	0	3	0	0
02:00	8	0	5	2	1	0	0	0	0	0	0	0	0	0
03:00	22	0	14	5	0	1	0	0	0	0	0	2	0	0
04:00	32	1	23	6	0	0	1	0	0	0	0	1	0	0
05:00	57	1	33	16	0	3	0	0	1	0	1	2	0	0
06:00	130	2	74	34	1	4	1	0	3	0	1	9	0	1
07:00	248	5	162	52	2	6	1	0	5	1	5	6	0	3
08:00	356	3	247	49	3	7	3	0	28	2	3	9	0	2
09:00	323	1	237	43	3	5	0	0	16	2	4	11	0	1
10:00	274	0	168	56	1	13	1	0	19	0	6	7	0	3
11:00	276	2	181	43	4	12	2	0	24	2	0	5	0	1
12:00	320	5	175	66	7	15	3	0	29	2	1	13	0	4
13:00	285	3	181	45	4	11	2	0	21	1	5	12	0	0
14:00	276	3	152	59	8	15	1	0	27	1	2	6	0	2
15:00	272	2	142	64	7	9	2	0	28	0	4	11	0	3
16:00	294	2	196	52	4	7	2	0	14	2	4	10	0	1
17:00	323	8	223	59	6	9	0	0	7	2	4	5	0	0
18:00	208	2	151	34	5	6	1	0	3	0	0	6	0	0
19:00	107	3	66	20	2	3	1	0	2	1	0	9	0	0
20:00	60	0	49	6	0	2	0	0	1	0	0	2	0	0
21:00	67	1	51	6	1	1	1	0	1	0	1	4	0	0
22:00	47	1	31	9	0	2	1	0	2	0	1	0	0	0
23:00	21	1	17	0	0	1	1	0	1	0	0	0	0	0
07-19	3455	36	2215	622	54	115	18	0	221	15	38	101	0	20
06-22	3819	42	2455	688	58	125	21	0	228	16	40	125	0	21
06-00	3887	44	2503	697	58	128	23	0	231	16	41	125	0	21
00-00	4038	46	2599	730	59	132	24	0	233	16	42	136	0	21

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
05 October 2011														
00:00	14	0	11	1	0	0	0	0	1	0	0	1	0	0
01:00	14	0	7	3	1	0	0	0	0	0	0	3	0	0
02:00	6	0	4	2	0	0	0	0	0	0	0	0	0	0
03:00	20	1	13	5	0	0	0	0	0	0	0	1	0	0
04:00	33	1	25	4	0	0	0	0	2	0	0	1	0	0
05:00	51	1	29	15	1	3	0	0	0	0	0	2	0	0
06:00	138	3	87	30	1	3	2	0	0	0	3	9	0	0
07:00	254	2	167	47	2	5	2	0	6	0	8	15	0	0
08:00	332	2	243	44	2	7	2	0	20	0	4	7	0	1
09:00	295	1	187	49	3	5	2	0	26	2	4	14	0	2
10:00	232	2	136	40	1	13	2	0	20	0	2	16	0	0
11:00	271	1	147	55	6	10	2	0	26	3	9	11	0	1
12:00	328	3	190	62	7	13	5	1	27	0	5	13	0	2
13:00	315	3	211	44	3	11	7	1	20	0	3	11	0	1
14:00	246	2	137	53	3	9	5	0	28	1	2	5	0	1
15:00	316	4	194	62	5	10	8	0	14	1	4	14	0	0
16:00	337	4	221	69	8	8	2	0	9	0	5	10	0	1
17:00	326	3	237	52	3	8	3	0	8	0	1	10	0	1
18:00	185	1	147	20	5	2	3	0	0	0	2	5	0	0
19:00	106	2	81	11	2	1	0	0	3	2	1	1	0	2
20:00	79	0	66	6	0	4	0	0	0	0	1	2	0	0
21:00	67	0	55	6	1	2	0	0	0	0	1	1	0	1
22:00	46	0	39	1	0	2	0	0	2	0	1	1	0	0
23:00	24	0	19	2	0	1	0	0	0	0	0	2	0	0
07-19	3437	28	2217	597	48	101	43	2	204	7	49	131	0	10
06-22	3827	33	2506	650	52	111	45	2	207	9	55	144	0	13
06-00	3897	33	2564	653	52	114	45	2	209	9	56	147	0	13
00-00	4035	36	2653	683	54	117	45	2	212	9	56	155	0	13

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
06 October 2011														
00:00	19	0	15	1	0	0	0	0	0	0	0	3	0	0
01:00	24	0	18	2	0	0	0	0	0	0	2	2	0	0
02:00	11	0	8	3	0	0	0	0	0	0	0	0	0	0
03:00	21	0	14	4	0	0	0	0	0	0	0	3	0	0
04:00	42	0	34	7	0	0	0	0	0	0	0	1	0	0
05:00	55	1	35	14	0	3	0	0	0	0	0	1	0	1
06:00	164	1	108	32	2	2	0	0	3	0	9	7	0	0
07:00	258	2	190	52	0	2	4	0	4	0	2	2	0	0
08:00	384	0	295	55	0	6	1	0	22	0	0	5	0	0
09:00	284	1	185	45	4	12	0	0	28	0	1	8	0	0
10:00	272	3	162	54	5	12	3	1	16	1	3	11	0	1
11:00	262	2	150	51	3	12	6	0	28	0	0	10	0	0
12:00	324	2	189	64	6	16	4	0	28	0	1	12	0	2
13:00	321	2	202	51	9	16	5	0	18	0	2	14	0	2
14:00	295	4	186	59	4	9	1	0	20	2	2	7	0	1
15:00	312	3	208	55	2	8	5	0	19	1	0	11	0	0
16:00	372	5	268	63	6	6	2	0	10	1	4	6	0	1
17:00	287	3	208	52	5	4	4	0	3	1	1	4	0	2
18:00	222	2	158	31	5	5	1	0	5	1	6	8	0	0
19:00	107	1	82	13	0	2	1	1	3	0	1	2	0	1
20:00	87	0	71	10	0	3	0	0	0	0	0	3	0	0
21:00	63	0	52	3	2	2	0	0	1	0	0	3	0	0
22:00	52	2	38	7	0	2	0	0	0	0	0	3	0	0
23:00	26	0	20	2	1	1	0	0	0	0	0	2	0	0
07-19	3593	29	2401	632	49	108	36	1	201	7	22	98	0	9
06-22	4014	31	2714	690	53	117	37	2	208	7	32	113	0	10
06-00	4092	33	2772	699	54	120	37	2	208	7	32	118	0	10
00-00	4264	34	2896	730	54	123	37	2	208	7	34	128	0	11

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
07 October 2011														
00:00	25	0	22	2	0	0	0	0	0	0	0	1	0	0
01:00	16	0	12	2	0	0	0	0	0	0	0	2	0	0
02:00	17	1	13	1	0	1	0	0	0	0	0	1	0	0
03:00	19	0	12	4	0	0	0	0	0	0	0	3	0	0
04:00	32	0	26	5	0	0	0	0	0	0	0	1	0	0
05:00	44	0	29	11	1	3	0	0	0	0	0	0	0	0
06:00	157	0	97	35	0	3	1	0	5	0	5	8	0	3
07:00	278	3	203	51	2	2	0	1	3	0	4	7	0	2
08:00	369	2	274	47	1	5	2	0	28	2	4	3	0	1
09:00	263	1	157	40	3	7	2	1	33	1	4	11	0	3
10:00	235	2	147	36	3	9	2	0	20	2	7	7	0	0
11:00	319	2	188	63	4	15	2	0	29	2	2	12	0	0
12:00	305	1	172	57	9	13	0	0	28	2	2	20	0	1
13:00	335	4	210	54	7	13	6	0	29	3	4	4	0	1
14:00	303	0	218	33	4	7	3	0	23	4	2	9	0	0
15:00	367	2	256	57	8	8	4	0	24	0	2	5	0	1
16:00	299	4	188	63	3	6	4	0	17	1	3	10	0	0
17:00	299	3	210	45	7	12	5	0	5	0	0	12	0	0
18:00	178	1	116	34	1	1	1	0	4	2	3	12	0	3
19:00	127	1	106	10	0	3	1	0	2	0	2	2	0	0
20:00	71	1	58	5	4	1	0	0	1	0	0	1	0	0
21:00	57	0	50	5	0	1	0	0	0	0	0	1	0	0
22:00	44	0	33	4	1	1	0	0	2	1	0	2	0	0
23:00	38	2	29	3	0	1	0	0	0	0	0	3	0	0
07-19	3550	25	2339	580	52	98	31	2	243	19	37	112	0	12
06-22	3962	27	2650	635	56	106	33	2	251	19	44	124	0	15
06-00	4044	29	2712	642	57	108	33	2	253	20	44	129	0	15
00-00	4197	30	2826	667	58	112	33	2	253	20	44	137	0	15

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Northbound

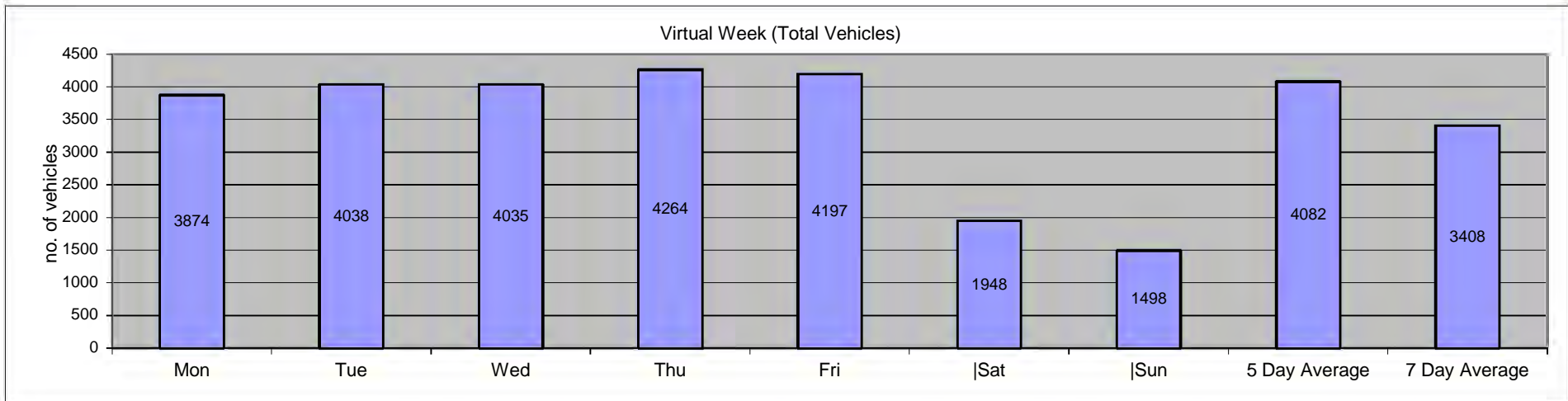
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
08 October 2011														
00:00	19	2	13	1	0	0	0	0	1	0	0	2	0	0
01:00	18	0	10	6	0	1	0	0	0	0	0	1	0	0
02:00	14	0	13	0	0	1	0	0	0	0	0	0	0	0
03:00	17	0	14	3	0	0	0	0	0	0	0	0	0	0
04:00	21	1	18	1	0	1	0	0	0	0	0	0	0	0
05:00	25	0	19	5	0	1	0	0	0	0	0	0	0	0
06:00	56	1	36	5	0	1	0	0	1	0	3	9	0	0
07:00	70	0	48	14	0	1	1	0	3	0	0	3	0	0
08:00	72	0	44	16	0	2	3	0	2	0	1	4	0	0
09:00	108	0	72	17	0	4	1	0	1	0	3	10	0	0
10:00	152	0	111	26	2	3	2	0	0	2	1	5	0	0
11:00	153	0	117	23	2	2	4	0	3	0	1	1	0	0
12:00	181	1	140	26	1	2	0	0	4	1	1	5	0	0
13:00	180	0	143	24	2	6	1	0	2	0	1	1	0	0
14:00	172	5	144	18	0	4	0	0	1	0	0	0	0	0
15:00	153	1	133	8	1	3	4	0	0	0	0	3	0	0
16:00	141	0	122	13	4	0	2	0	0	0	0	0	0	0
17:00	133	0	116	12	0	3	0	0	1	0	0	1	0	0
18:00	85	1	72	6	3	1	0	0	0	0	0	2	0	0
19:00	68	1	61	4	0	2	0	0	0	0	0	0	0	0
20:00	48	0	40	2	0	5	1	0	0	0	0	0	0	0
21:00	24	0	19	3	1	1	0	0	0	0	0	0	0	0
22:00	18	0	15	1	2	0	0	0	0	0	0	0	0	0
23:00	20	0	15	3	1	1	0	0	0	0	0	0	0	0
07-19	1600	8	1262	203	15	31	18	0	17	3	8	35	0	0
06-22	1796	10	1418	217	16	40	19	0	18	3	11	44	0	0
06-00	1834	10	1448	221	19	41	19	0	18	3	11	44	0	0
00-00	1948	13	1535	237	19	45	19	0	19	3	11	47	0	0

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Average Day														
00:00	18	0	14	2	0	0	0	0	0	0	0	2	0	0
01:00	17	0	12	2	0	0	0	0	0	0	0	2	0	0
02:00	11	0	9	2	0	0	0	0	0	0	0	0	0	0
03:00	17	0	12	4	0	0	0	0	0	0	0	1	0	0
04:00	28	1	21	5	0	0	0	0	0	0	0	1	0	0
05:00	40	1	25	10	0	2	0	0	0	0	0	1	0	0
06:00	115	1	72	23	1	3	1	0	2	0	3	9	0	1
07:00	192	3	131	38	1	3	1	0	4	0	3	7	0	1
08:00	270	1	197	36	1	4	2	0	18	1	2	7	0	1
09:00	233	1	154	37	2	6	2	0	17	1	3	10	0	1
10:00	212	1	132	38	3	9	2	0	14	1	3	8	0	1
11:00	233	1	142	43	4	9	2	0	20	1	2	8	0	1
12:00	265	2	160	48	5	11	3	0	20	1	2	11	0	1
13:00	264	2	175	39	4	11	4	0	17	1	3	9	0	1
14:00	251	2	168	40	3	8	2	0	18	1	1	6	0	1
15:00	270	2	179	45	4	8	4	0	16	1	2	9	0	1
16:00	269	2	183	48	5	5	2	0	10	1	3	7	0	1
17:00	255	3	186	39	4	6	2	0	5	1	2	7	0	1
18:00	165	1	122	22	3	3	1	0	2	0	3	6	0	1
19:00	101	1	77	12	1	3	0	0	2	0	1	3	0	0
20:00	65	0	53	5	1	3	0	0	0	0	0	2	0	0
21:00	50	0	40	4	1	2	0	0	0	0	0	2	0	0
22:00	41	1	31	4	1	2	0	0	1	0	0	1	0	0
23:00	24	0	19	2	0	1	0	0	0	0	0	1	0	0
07-19	2879	22	1929	473	39	84	27	1	162	9	28	95	0	10
06-22	3210	25	2172	518	42	94	29	1	166	10	33	110	0	11
06-00	3276	26	2223	523	43	97	29	1	167	10	33	112	0	11
00-00	3408	28	2316	547	44	99	30	1	168	10	34	119	0	11

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Virtual Week (1)														
Mon	3874	30	2409	689	57	131	38	3	247	12	46	193	0	19
Tue	4038	46	2599	730	59	132	24	0	233	16	42	136	0	21
Wed	4035	36	2653	683	54	117	45	2	212	9	56	155	0	13
Thu	4264	34	2896	730	54	123	37	2	208	7	34	128	0	11
Fri	4197	30	2826	667	58	112	33	2	253	20	44	137	0	15
|Sat	1948	13	1535	237	19	45	19	0	19	3	11	47	0	0
|Sun	1498	7	1291	96	4	36	11	0	6	1	5	40	0	1
5 Day Average														
[--]	4082	35	2677	700	56	123	35	2	231	13	44	150	0	16
7 Day Average														
[--]	3408	28	2316	547	44	99	30	1	168	10	34	119	0	11
Total Vehicles														
[--]	23854	196	16209	3832	305	696	207	9	1178	68	238	836	0	80



40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Northbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
02 October 2011																																
00:00	30	0	0	3	3	8	12	3	1	0	0	0	0	0	16	53.3	3	10	0	0	50	54.7										
01:00	16	0	0	0	1	4	6	1	2	2	0	0	0	0	11	68.8	4	25	2	12.5	54.1	61.2										
02:00	12	1	0	1	2	4	2	2	0	0	0	0	0	0	4	33.3	2	16.7	0	0	46.5	54										
03:00	6	0	0	0	1	1	3	0	1	0	0	0	0	0	4	66.7	1	16.7	0	0	52.7	-										
04:00	13	0	0	3	3	3	3	1	0	0	0	0	0	0	4	30.8	1	7.7	0	0	46.5	51.5										
05:00	10	0	0	1	2	3	2	2	0	0	0	0	0	0	4	40	2	20	0	0	48.3	-										
06:00	36	0	2	5	2	10	11	1	3	2	0	0	0	0	17	47.2	6	16.7	2	5.6	49.1	58.7										
07:00	27	0	2	5	3	1	8	4	2	1	0	1	0	0	16	59.3	7	25.9	2	7.4	49.8	58										
08:00	23	0	0	0	2	3	8	4	2	3	1	0	0	0	18	78.3	8	34.8	4	17.4	56.1	67										
09:00	47	0	0	2	11	10	14	7	1	1	1	0	0	0	24	51.1	6	12.8	2	4.3	50.1	56.9										
10:00	67	2	1	4	8	12	15	14	5	3	2	1	0	0	40	59.7	22	32.8	6	9	51.5	60.1										
11:00	77	2	1	4	8	15	20	14	6	3	2	2	0	0	47	61	16	20.8	7	9.1	52	59.8										
12:00	129	1	1	7	12	35	29	25	7	6	3	2	1	0	73	56.6	30	23.3	12	9.3	52.3	59.4										
13:00	123	4	2	1	15	23	38	25	10	2	3	0	0	0	78	63.4	33	26.8	5	4.1	51.6	59										
14:00	159	1	1	2	20	32	37	41	12	7	1	2	2	1	103	64.8	46	28.9	13	8.2	53.5	60.1										
15:00	144	2	6	9	15	40	35	19	7	8	1	1	1	0	72	50	29	20.1	11	7.6	50.7	58.7										
16:00	123	2	3	1	18	28	30	27	6	7	1	0	0	0	71	57.7	31	25.2	8	6.5	51.5	58.3										
17:00	137	0	3	9	19	26	39	22	9	6	3	0	0	1	80	58.4	31	22.6	10	7.3	51.6	59.4										
18:00	109	0	2	4	14	17	21	27	11	7	4	1	1	0	72	66.1	38	34.9	13	11.9	53.8	61.6										
19:00	86	0	0	1	12	13	31	9	9	6	2	1	2	0	60	69.8	26	30.2	11	12.8	54.5	63.7										
20:00	46	1	1	0	1	8	14	13	4	1	1	0	2	0	35	76.1	17	37	4	8.7	55	60.1										
21:00	27	0	0	2	6	5	8	5	0	1	0	0	0	0	14	51.9	3	11.1	1	3.7	49.9	56.2										
22:00	32	0	0	1	4	5	9	8	2	3	0	0	0	0	22	68.8	11	34.4	3	9.4	53.5	59										
23:00	19	0	0	1	1	3	4	7	1	2	0	0	0	0	14	73.7	6	31.6	2	10.5	54.5	59										
07-19	1165	14	22	48	145	242	294	229	78	54	22	10	5	2	694	59.6	297	25.5	93	8	52	59.4										
06-22	1360	15	25	56	166	278	358	257	94	64	25	11	9	2	820	60.3	349	25.7	111	8.2	52.2	59.8										
06-00	1411	15	25	58	171	286	371	272	97	69	25	11	9	2	856	60.7	366	25.9	116	8.2	52.2	59.8										
00-00	1498	16	25	66	183	309	399	281	101	71	25	11	9	2	899	60	379	25.3	118	7.9	52.1	59.4										

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)									
02 October 2011		to														08 October 2011		Direction Northbound		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)				
Time Period	Total Vehicles	0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57 ACPO	57 ACPO	65 DFT	65 DFT	Mean Speed	85%ile Speed						
03 October 2011																												
0000	9	0	0	1	0	3	0	1	2	1	0	0	0	1	5	55.6	4	44.4	2	22.2	58.7	-						
01:00	7	0	0	0	1	1	1	2	1	1	0	0	0	0	5	71.4	4	57.1	1	14.3	56.7	-						
02:00	10	0	0	1	1	2	2	0	3	1	0	0	0	0	6	60	4	40	1	10	53	-						
03:00	16	0	0	1	0	2	4	6	3	0	0	0	0	0	13	81.3	6	37.5	0	0	54.7	60.1						
04:00	26	1	1	2	2	5	9	4	1	0	0	0	1	0	15	57.7	3	11.5	1	3.8	49.9	55.8						
05:00	40	3	1	2	1	6	13	6	5	2	1	0	0	0	27	67.5	11	27.5	3	7.5	51.4	61.2						
06:00	124	2	2	10	7	16	34	26	13	12	2	0	0	0	87	70.2	41	33.1	14	11.3	53	61.6						
07:00	208	0	8	12	14	35	63	41	18	6	5	0	4	2	139	66.8	54	26	17	8.2	53	60.5						
08:00	354	0	12	19	41	62	98	67	42	10	1	2	0	0	220	62.1	86	24.3	13	3.7	51.7	60.1						
09:00	313	0	6	22	35	63	77	63	31	8	4	2	2	0	187	59.7	81	25.9	16	5.1	52	59.8						
10:00	253	2	13	25	34	40	64	37	21	14	2	0	0	1	139	54.9	63	24.9	17	6.7	50.4	59.8						
11:00	272	7	8	20	38	50	64	47	16	10	8	4	0	0	149	54.8	62	22.8	22	8.1	50.9	59.4						
12:00	266	0	5	28	36	51	64	43	17	11	5	3	2	1	146	54.9	60	22.6	22	8.3	51.3	59.8						
13:00	292	0	2	14	35	68	68	58	31	6	7	2	0	1	173	59.2	79	27.1	16	5.5	52.3	60.1						
14:00	306	2	4	20	40	88	81	36	21	6	3	3	1	1	152	49.7	55	18	14	4.6	50.5	58.3						
15:00	324	2	6	26	36	84	67	55	28	8	8	2	1	1	170	52.5	76	23.5	20	6.2	51.4	59.8						
16:00	314	2	3	34	41	81	55	43	28	11	5	6	2	3	153	48.7	77	24.5	27	8.6	51.5	61.6						
17:00	283	2	9	26	37	52	59	48	17	11	6	8	5	3	157	55.5	78	27.6	33	11.7	52.3	62.3						
18:00	169	1	5	17	31	18	41	25	17	5	5	1	2	1	97	57.4	42	24.9	14	8.3	51.4	61.6						
19:00	104	4	1	5	13	18	22	23	9	7	1	0	1	0	63	60.6	31	29.8	9	8.7	52	61.2						
20:00	64	2	0	11	6	8	11	16	5	3	0	1	1	0	37	57.8	19	29.7	5	7.8	51.3	59.4						
21:00	47	0	0	0	5	6	10	16	4	3	1	1	1	0	36	76.6	19	40.4	6	12.8	56.1	63						
22:00	50	0	0	0	8	10	13	7	2	2	1	6	0	1	32	64	17	34	10	20	55.8	69.8						
23:00	23	0	0	1	1	6	4	6	2	0	0	2	1	0	15	65.2	11	47.8	3	13	55.9	62.6						
07-19	3354	18	81	263	418	692	801	563	287	106	59	33	19	14	1882	56.1	813	24.2	231	6.9	51.5	60.1						
06-22	3693	26	84	289	449	740	878	644	318	131	63	35	22	14	2105	57	923	25	265	7.2	51.7	60.1						
06-00	3766	26	84	290	458	756	895	657	322	133	64	43	23	15	2152	57.1	951	25.3	278	7.4	51.7	60.1						
00-00	3874	30	86	297	463	775	924	676	337	138	65	43	24	16	2223	57.4	983	25.4	286	7.4	51.8	60.5						

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Northbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
04 October 2011																																
0000	11	0	0	1	2	4	3	1	0	0	0	0	0	0	4	36.4	0	0	0	0	48.2	52.9										
01:00	21	0	0	1	4	3	3	6	4	0	0	0	0	0	13	61.9	9	42.9	0	0	52.5	60.1										
02:00	8	0	0	0	1	2	0	4	1	0	0	0	0	0	5	62.5	4	50	0	0	54	-										
03:00	22	0	3	0	0	2	7	5	2	2	0	1	0	0	17	77.3	7	31.8	3	13.6	53.8	63										
04:00	32	1	0	1	3	6	10	5	3	1	1	0	1	0	21	65.6	6	18.8	3	9.4	52.7	59.8										
05:00	57	2	0	1	11	8	17	9	5	2	1	0	0	1	35	61.4	11	19.3	4	7	51.2	58.3										
06:00	130	0	2	4	16	11	33	32	21	8	2	1	0	0	97	74.6	46	35.4	11	8.5	54.3	61.6										
07:00	248	0	8	21	17	53	64	51	17	10	5	0	1	1	149	60.1	58	23.4	17	6.9	51.7	59.8										
08:00	356	0	6	17	29	66	71	100	43	13	7	3	1	0	238	66.9	125	35.1	24	6.7	53.6	61.2										
09:00	323	6	10	12	32	65	86	64	26	15	5	2	0	0	198	61.3	89	27.6	22	6.8	51.8	59.8										
10:00	274	6	6	18	39	49	67	44	25	14	4	1	0	1	156	56.9	72	26.3	20	7.3	51.3	60.1										
11:00	276	0	3	17	30	52	68	69	21	12	1	1	1	1	174	63	75	27.2	16	5.8	52.4	59										
12:00	320	0	4	25	50	63	74	46	30	20	4	2	2	0	178	55.6	82	25.6	28	8.8	51.7	61.6										
13:00	285	0	6	21	36	60	64	58	24	8	3	3	2	0	162	56.8	74	26	16	5.6	51.7	59.4										
14:00	276	2	1	20	39	49	74	48	23	11	4	2	1	2	165	59.8	59	21.4	20	7.2	51.9	59.8										
15:00	272	2	5	14	45	63	66	37	19	11	4	1	2	3	143	52.6	61	22.4	21	7.7	51.6	59.4										
16:00	294	0	0	12	38	49	74	55	23	18	11	4	6	4	195	66.3	103	35	43	14.6	54.8	64.1										
17:00	323	2	5	14	31	61	84	68	23	17	10	5	0	3	210	65	96	29.7	35	10.8	53.5	61.6										
18:00	208	1	9	8	24	25	39	63	21	7	5	3	0	3	141	67.8	72	34.6	18	8.7	53.6	60.8										
19:00	107	2	1	6	14	19	19	21	10	7	5	1	1	1	65	60.7	40	37.4	15	14	53.3	64.1										
20:00	60	1	0	2	7	8	16	13	7	4	0	2	0	0	42	70	16	26.7	6	10	53.8	61.2										
21:00	67	1	0	6	8	12	17	12	4	2	2	2	0	1	40	59.7	19	28.4	7	10.4	52.4	60.1										
22:00	47	0	1	0	5	11	11	8	7	3	0	0	0	1	30	63.8	13	27.7	4	8.5	53.7	62.6										
23:00	21	1	2	0	2	3	6	2	3	1	1	0	0	0	13	61.9	7	33.3	2	9.5	50.8	63										
07-19	3455	19	63	199	410	655	831	703	295	156	63	27	16	18	2109	61	966	28	280	8.1	52.5	60.5										
06-22	3819	23	66	217	455	705	916	781	337	177	72	33	17	20	2353	61.6	1087	28.5	319	8.4	52.6	60.8										
06-00	3887	24	69	217	462	719	933	791	347	181	73	33	17	21	2396	61.6	1107	28.5	325	8.4	52.6	60.8										
00-00	4038	27	72	221	483	744	973	821	362	186	75	34	18	22	2491	61.7	1144	28.3	335	8.3	52.6	60.8										

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Northbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
05 October 2011																																
00:00	14	0	0	2	1	6	3	1	1	0	0	0	0	0	5	35.7	1	7.1	0	0	48.6	54										
01:00	14	1	0	1	2	5	1	3	0	1	0	0	0	0	5	35.7	3	21.4	1	7.1	48	57.2										
02:00	6	0	0	0	0	0	2	4	0	0	0	0	0	0	6	100	3	50	0	0	56.3	-										
03:00	20	1	0	0	0	3	4	6	3	1	0	0	2	0	16	80	9	45	3	15	56.2	63.4										
04:00	33	1	0	0	3	6	14	6	3	0	0	0	0	0	23	69.7	5	15.2	0	0	51.7	56.5										
05:00	51	1	0	1	5	15	12	9	7	0	1	0	0	0	29	56.9	10	19.6	1	2	51.7	57.6										
06:00	138	0	0	10	8	22	37	31	20	9	1	0	0	0	98	71	50	36.2	10	7.2	53.9	61.2										
07:00	254	0	11	22	30	49	54	47	23	10	4	2	1	1	142	55.9	66	26	18	7.1	51.3	59.8										
08:00	332	1	5	16	32	57	79	87	36	13	5	1	0	0	221	66.6	104	31.3	19	5.7	53	60.8										
09:00	295	1	0	16	37	56	58	72	35	11	3	3	3	0	185	62.7	92	31.2	20	6.8	53.1	60.8										
10:00	232	2	3	19	44	52	33	42	21	11	1	4	0	0	112	48.3	62	26.7	16	6.9	51	59.8										
11:00	271	1	3	16	42	56	55	51	27	17	2	0	1	0	153	56.5	76	28	20	7.4	51.9	60.8										
12:00	328	2	8	22	36	76	80	50	36	12	5	0	0	1	184	56.1	77	23.5	18	5.5	51.3	60.1										
13:00	315	2	10	33	30	77	63	57	19	14	5	4	0	1	163	51.7	77	24.4	24	7.6	50.9	59.4										
14:00	246	3	2	10	24	63	50	41	31	10	9	2	0	1	144	58.5	74	30.1	22	8.9	52.8	62.6										
15:00	316	2	4	28	58	78	58	58	15	6	6	2	1	0	146	46.2	61	19.3	15	4.7	50	58										
16:00	337	3	4	16	51	67	65	76	27	12	10	3	2	1	196	58.2	94	27.9	28	8.3	52.4	60.5										
17:00	326	2	5	17	44	61	82	56	21	20	11	5	1	1	197	60.4	95	29.1	38	11.7	52.5	61.9										
18:00	185	3	3	11	20	29	41	44	18	8	4	3	0	1	119	64.3	58	31.4	16	8.6	53	60.8										
19:00	106	4	1	6	11	23	24	17	6	6	1	4	2	1	61	57.5	31	29.2	14	13.2	52.7	61.9										
20:00	79	0	0	1	12	18	15	23	6	0	1	1	2	0	48	60.8	16	20.3	4	5.1	53.1	58.3										
21:00	67	0	0	2	8	19	15	14	3	2	3	0	1	0	38	56.7	15	22.4	6	9	52.9	58.7										
22:00	46	0	0	0	7	8	10	13	6	0	2	0	0	0	31	67.4	16	34.8	2	4.3	53.8	60.8										
23:00	24	0	0	1	1	4	10	5	1	0	0	1	0	1	18	75	5	20.8	2	8.3	53.9	56.9										
07-19	3437	22	58	226	448	721	718	681	309	144	65	29	9	7	1962	57.1	936	27.2	254	7.4	51.9	60.5										
06-22	3827	26	59	245	487	803	809	766	344	161	71	34	14	8	2207	57.7	1048	27.4	288	7.5	52.1	60.5										
06-00	3897	26	59	246	495	815	829	784	351	161	73	35	14	9	2256	57.9	1069	27.4	292	7.5	52.1	60.5										
00-00	4035	30	59	250	506	850	865	813	365	163	74	35	16	9	2340	58	1100	27.3	297	7.4	52.1	60.5										

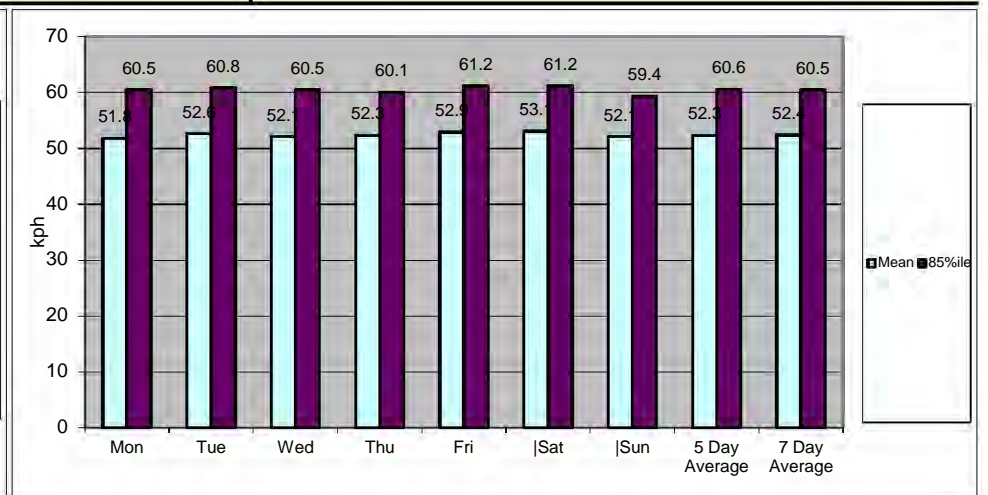
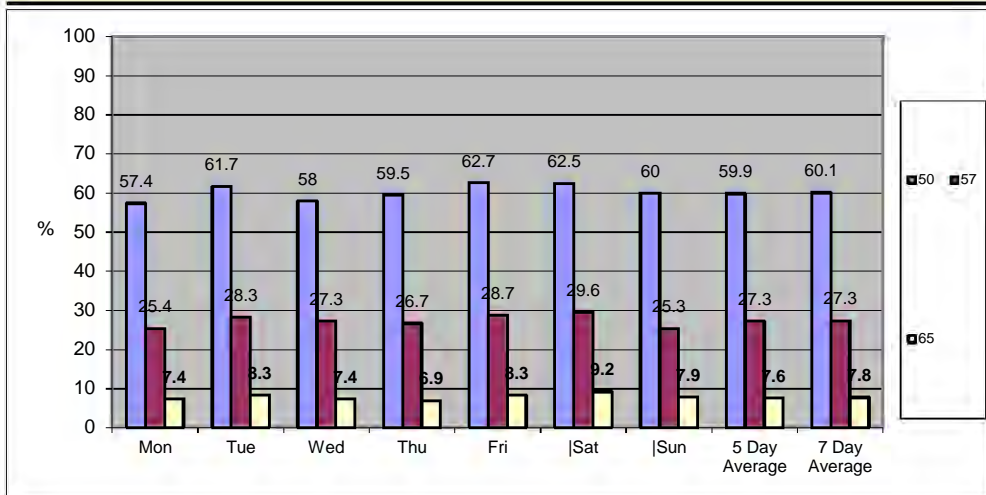
40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Northbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
06 October 2011																																
00:00	19	1	0	1	1	3	6	5	1	1	0	0	0	0	13	68.4	6	31.6	1	5.3	51.5	57.2										
01:00	24	0	1	4	5	8	2	2	1	1	0	0	0	0	6	25	2	8.3	1	4.2	46	54.7										
02:00	11	0	0	0	1	2	2	5	1	0	0	0	0	0	8	72.7	4	36.4	0	0	53.3	58.7										
03:00	21	0	0	2	1	3	7	2	4	2	0	0	0	0	15	71.4	6	28.6	2	9.5	54	62.6										
04:00	42	0	0	2	4	7	8	10	8	3	0	0	0	0	29	69	16	38.1	3	7.1	53.9	60.5										
05:00	55	1	1	1	6	11	11	14	8	1	0	0	0	1	35	63.6	15	27.3	2	3.6	52.6	60.1										
06:00	164	0	7	8	26	37	30	34	12	7	2	1	0	0	86	52.4	48	29.3	10	6.1	50.9	59										
07:00	258	0	4	8	23	45	75	52	37	6	4	1	1	2	178	69	78	30.2	14	5.4	53.7	61.2										
08:00	384	0	1	10	22	81	104	104	45	10	4	1	0	2	270	70.3	112	29.2	17	4.4	53.9	60.5										
09:00	284	4	1	15	35	44	77	67	25	14	2	0	0	0	185	65.1	80	28.2	16	5.6	52.1	59.4										
10:00	272	3	5	18	26	69	55	45	28	14	4	3	1	1	151	55.5	74	27.2	23	8.5	51.9	60.8										
11:00	262	1	3	18	42	48	59	57	17	10	4	3	0	0	150	57.3	57	21.8	17	6.5	51.6	59										
12:00	324	5	11	25	44	76	65	44	35	17	1	0	1	0	163	50.3	79	24.4	19	5.9	50.4	60.1										
13:00	321	1	5	21	40	89	73	58	17	7	7	1	0	2	165	51.4	62	19.3	17	5.3	51	57.6										
14:00	295	0	3	10	39	78	73	48	23	6	7	5	0	3	165	55.9	70	23.7	21	7.1	52.3	59.8										
15:00	312	7	2	15	31	69	67	77	19	16	7	2	0	0	188	60.3	87	27.9	25	8	52.2	59.8										
16:00	372	2	4	25	49	87	91	56	29	11	10	4	2	2	205	55.1	95	25.5	29	7.8	51.9	60.1										
17:00	287	1	0	13	33	65	53	60	27	17	7	7	1	3	175	61	96	33.4	35	12.2	54	63.4										
18:00	222	1	4	8	15	47	64	50	18	6	5	2	0	2	147	66.2	63	28.4	15	6.8	53.2	59.8										
19:00	107	0	2	1	17	20	29	22	7	5	3	0	1	0	67	62.6	22	20.6	9	8.4	52.7	59.8										
20:00	87	0	3	8	9	17	19	15	8	4	1	0	1	2	50	57.5	24	27.6	8	9.2	52.2	60.8										
21:00	63	0	0	2	5	17	15	13	9	1	0	0	0	1	39	61.9	19	30.2	2	3.2	53.6	61.2										
22:00	52	0	1	0	4	15	14	5	7	1	1	2	0	2	32	61.5	16	30.8	6	11.5	55	61.9										
23:00	26	0	1	1	4	4	8	4	3	0	1	0	0	0	16	61.5	6	23.1	1	3.8	51.8	59										
07-19	3593	25	43	186	399	798	856	718	320	134	62	29	6	17	2142	59.6	953	26.5	248	6.9	52.3	60.1										
06-22	4014	25	55	205	456	889	949	802	356	151	68	30	8	20	2384	59.4	1066	26.6	277	6.9	52.3	60.1										
06-00	4092	25	57	206	464	908	971	811	366	152	70	32	8	22	2432	59.4	1088	26.6	284	6.9	52.3	60.1										
00-00	4264	27	59	216	482	942	1007	849	389	160	70	32	8	23	2538	59.5	1137	26.7	293	6.9	52.3	60.1										

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Northbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
07 October 2011																																
0000	25	0	1	1	2	8	10	1	1	0	1	0	0	0	13	52	2	8	1	4	49.9	52.9										
01:00	16	0	0	0	4	1	3	4	3	0	1	0	0	0	11	68.8	7	43.8	1	6.3	54.6	63.4										
02:00	17	0	0	0	2	2	6	5	1	0	0	0	1	0	13	76.5	6	35.3	1	5.9	55.2	58.7										
03:00	19	0	0	0	0	5	4	6	4	0	0	0	0	0	14	73.7	5	26.3	0	0	54.3	60.1										
04:00	32	0	0	0	4	6	9	11	2	0	0	0	0	0	22	68.8	6	18.8	0	0	52.4	58.3										
05:00	44	0	0	0	5	10	8	15	3	2	0	1	0	0	29	65.9	15	34.1	3	6.8	54.1	59.4										
06:00	157	1	4	10	13	19	36	37	26	10	1	0	0	0	110	70.1	54	34.4	11	7	53.4	61.9										
07:00	278	6	2	8	21	48	89	58	30	9	5	0	0	2	193	69.4	66	23.7	16	5.8	53	60.5										
08:00	369	0	4	21	22	69	98	89	36	20	6	3	1	0	253	68.6	123	33.3	30	8.1	53.7	61.2										
09:00	263	0	3	8	33	50	53	62	33	10	7	2	0	2	169	64.3	91	34.6	21	8	53.6	61.6										
10:00	235	2	9	22	19	38	70	37	16	10	9	3	0	0	145	61.7	57	24.3	22	9.4	51.6	60.1										
11:00	319	1	7	19	34	82	72	45	37	16	1	3	2	0	176	55.2	83	26	22	6.9	51.8	60.8										
12:00	305	1	5	18	46	68	74	54	21	8	5	3	0	2	167	54.8	67	22	18	5.9	51.5	59.4										
13:00	335	3	5	17	42	72	74	56	40	16	7	2	1	0	196	58.5	100	29.9	26	7.8	52.2	61.2										
14:00	303	2	8	16	27	44	76	73	27	14	12	1	3	0	206	68	93	30.7	30	9.9	53.3	61.2										
15:00	367	2	7	20	32	74	80	75	30	21	6	8	6	6	232	63.2	121	33	47	12.8	54.1	63.7										
16:00	299	1	1	13	31	60	75	59	35	9	7	4	2	2	193	64.5	78	26.1	24	8	53.4	61.9										
17:00	299	1	9	22	37	59	69	42	33	8	6	5	4	4	171	57.2	85	28.4	27	9	52.4	61.9										
18:00	178	0	5	8	19	39	51	31	14	5	4	1	0	1	107	60.1	42	23.6	11	6.2	52	58.7										
19:00	127	2	0	9	14	17	33	20	14	9	5	1	1	2	85	66.9	44	34.6	18	14.2	54.4	64.1										
20:00	71	0	2	2	11	16	21	14	3	1	0	1	0	0	40	56.3	9	12.7	2	2.8	50.6	56.2										
21:00	57	0	0	2	8	9	14	8	8	3	2	2	1	0	38	66.7	22	38.6	8	14	55.1	62.3										
22:00	44	0	0	1	6	8	13	10	5	0	1	0	0	0	29	65.9	15	34.1	1	2.3	52.8	59.4										
23:00	38	0	1	3	6	8	4	4	5	2	1	0	0	4	20	52.6	14	36.8	7	18.4	54.8	65.9										
07-19	3550	19	65	192	363	703	881	681	352	146	75	35	19	19	2208	62.2	1006	28.3	294	8.3	52.8	61.2										
06-22	3962	22	71	215	409	764	985	760	403	169	83	39	21	21	2481	62.6	1135	28.6	333	8.4	52.8	61.2										
06-00	4044	22	72	219	421	780	1002	774	413	171	85	39	21	25	2530	62.6	1164	28.8	341	8.4	52.9	61.2										
00-00	4197	22	73	220	438	812	1042	816	427	173	87	40	22	25	2632	62.7	1205	28.7	347	8.3	52.9	61.2										

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Northbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
08 October 2011																																
0000	19	0	0	1	3	4	2	3	0	2	3	0	0	1	11	57.9	8	42.1	6	31.6	57.6	70.9										
01:00	18	0	1	3	3	3	3	3	1	0	0	0	1	0	8	44.4	3	16.7	1	5.6	49.7	56.2										
02:00	14	0	0	0	1	2	4	5	1	1	0	0	0	0	11	78.6	6	42.9	1	7.1	55	59.8										
03:00	17	0	0	0	0	3	5	6	3	0	0	0	0	0	14	82.4	8	47.1	0	0	54.9	59										
04:00	21	0	0	0	2	1	8	6	0	3	0	0	0	1	18	85.7	7	33.3	4	19	58.1	65.5										
05:00	25	0	0	0	2	5	8	6	3	0	0	1	0	0	18	72	7	28	1	4	53.6	58.7										
06:00	56	0	2	3	11	12	6	11	6	2	0	2	0	1	28	50	18	32.1	5	8.9	52.7	61.9										
07:00	70	0	0	6	8	12	21	11	7	4	0	0	0	1	44	62.9	16	22.9	5	7.1	52.2	60.5										
08:00	72	0	0	5	9	9	15	14	13	4	2	1	0	0	49	68.1	28	38.9	7	9.7	54.1	63										
09:00	108	0	1	8	18	23	21	16	10	4	5	2	0	0	58	53.7	31	28.7	11	10.2	52.3	61.9										
10:00	152	4	7	15	21	20	38	21	13	5	7	1	0	0	85	55.9	40	26.3	13	8.6	50.4	60.5										
11:00	153	2	2	8	27	35	24	30	11	7	4	0	1	2	79	51.6	46	30.1	14	9.2	51.8	60.5										
12:00	181	7	8	7	19	39	50	33	9	5	2	1	1	0	101	55.8	37	20.4	9	5	50.5	58.3										
13:00	180	0	0	4	13	38	50	44	15	7	2	4	1	2	125	69.4	59	32.8	16	8.9	54.5	60.8										
14:00	172	4	0	3	19	36	42	31	20	9	2	4	1	1	110	64	52	30.2	17	9.9	53.6	61.2										
15:00	153	1	2	4	14	28	44	30	13	7	4	3	1	2	104	68	47	30.7	17	11.1	54	62.6										
16:00	141	3	0	4	12	37	34	27	8	4	3	4	1	4	85	60.3	37	26.2	16	11.3	53.8	61.2										
17:00	133	0	1	4	17	27	26	37	8	6	1	2	0	4	84	63.2	41	30.8	13	9.8	53.7	60.5										
18:00	85	0	0	0	12	14	21	18	12	6	1	1	0	0	59	69.4	27	31.8	8	9.4	54.4	61.6										
19:00	68	1	1	1	6	12	17	18	4	4	1	2	0	1	47	69.1	20	29.4	8	11.8	54.2	64.1										
20:00	48	0	1	1	5	6	15	12	6	1	1	0	0	0	35	72.9	13	27.1	2	4.2	53.2	60.5										
21:00	24	0	0	2	2	5	6	6	2	0	1	0	0	0	15	62.5	7	29.2	1	4.2	52.4	58										
22:00	18	0	0	0	0	3	5	6	3	1	0	0	0	0	15	83.3	9	50	1	5.6	56.5	60.8										
23:00	20	0	0	0	1	4	3	6	3	0	3	0	0	0	15	75	10	50	3	15	57.1	64.8										
07-19	1600	21	21	68	189	318	386	312	139	68	33	23	6	16	983	61.4	461	28.8	146	9.1	52.9	60.8										
06-22	1796	22	25	75	213	353	430	359	157	75	36	27	6	18	1108	61.7	519	28.9	162	9	52.9	61.2										
06-00	1834	22	25	75	214	360	438	371	163	76	39	27	6	18	1138	62.1	538	29.3	166	9.1	53	61.2										
00-00	1948	22	26	79	225	378	468	400	171	82	42	28	7	20	1218	62.5	577	29.6	179	9.2	53.1	61.2										

40720 Dublin ATCs																Site	2	Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)											
02 October 2011		to														08 October 2011		Direction	Northbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57 ACPO	57 ACPO	65 DFT	65 DFT	Mean Speed	85%ile Speed							
Average Day																													
0000	18	0	0	1	2	5	5	2	1	1	1	0	0	0	10	52.8	3	18.9	1	7.9	51.6	57.2							
01:00	17	0	0	1	3	4	3	3	2	1	0	0	0	0	8	50.9	5	27.6	1	6	50.9	60.1							
02:00	11	0	0	0	1	2	3	4	1	0	0	0	0	0	8	67.9	4	37.2	0	3.8	53.2	59.4							
03:00	17	0	0	0	0	3	5	4	3	1	0	0	0	0	13	76.9	6	34.7	1	6.6	54.5	62.3							
04:00	28	0	0	1	3	5	9	6	2	1	0	0	0	0	19	66.3	6	22.1	2	5.5	52.5	59.4							
05:00	40	1	0	1	5	8	10	9	4	1	0	0	0	0	25	62.8	10	25.2	2	5	52.2	60.1							
06:00	115	0	3	7	12	18	27	25	14	7	1	1	0	0	75	65	38	32.7	9	7.8	52.8	61.2							
07:00	192	1	5	12	17	35	53	38	19	7	3	1	1	1	123	64.1	49	25.7	13	6.6	52.5	60.1							
08:00	270	0	4	13	22	50	68	66	31	10	4	2	0	0	181	67.1	84	31	16	6	53.3	60.8							
09:00	233	2	3	12	29	44	55	50	23	9	4	2	1	0	144	61.6	67	28.8	15	6.6	52.4	60.5							
10:00	212	3	6	17	27	40	49	34	18	10	4	2	0	0	118	55.8	56	26.3	17	7.9	51.2	60.1							
11:00	233	2	4	15	32	48	52	45	19	11	3	2	1	0	133	56.9	59	25.5	17	7.2	51.7	60.1							
12:00	265	2	6	19	35	58	62	42	22	11	4	2	1	1	145	54.6	62	23.3	18	6.8	51.2	59.8							
13:00	264	1	4	16	30	61	61	51	22	9	5	2	1	1	152	57.4	69	26.1	17	6.5	51.9	59.8							
14:00	251	2	3	12	30	56	62	45	22	9	5	3	1	1	149	59.5	64	25.6	20	7.8	52.4	60.8							
15:00	270	3	5	17	33	62	60	50	19	11	5	3	2	2	151	55.9	69	25.5	22	8.3	52	60.1							
16:00	269	2	2	15	34	58	61	49	22	10	7	4	2	2	157	58.4	74	27.4	25	9.3	52.7	61.2							
17:00	255	1	5	15	31	50	59	48	20	12	6	5	2	3	153	60.1	75	29.2	27	10.7	52.9	61.9							
18:00	165	1	4	8	19	27	40	37	16	6	4	2	0	1	106	64.2	49	29.6	14	8.2	53	60.8							
19:00	101	2	1	4	12	17	25	19	8	6	3	1	1	1	64	63.5	31	30.4	12	11.9	53.4	62.3							
20:00	65	1	1	4	7	12	16	15	6	2	1	1	1	0	41	63.1	16	25.1	4	6.8	52.6	59.8							
21:00	50	0	0	2	6	10	12	11	4	2	1	1	0	0	31	62.5	15	29.5	4	8.8	53.5	60.5							
22:00	41	0	0	0	5	9	11	8	5	1	1	1	0	1	27	66.1	14	33.6	4	9.3	54.3	62.3							
23:00	24	0	1	1	2	5	6	5	3	1	1	0	0	1	16	64.9	8	34.5	3	11.7	54.1	62.6							
07-19	2879	20	50	169	339	590	681	555	254	115	54	27	11	13	1711	59.4	776	27	221	7.7	52.3	60.5							
06-22	3210	23	55	186	376	647	761	624	287	133	60	30	14	15	1923	59.9	875	27.3	251	7.8	52.3	60.5							
06-00	3276	23	56	187	384	661	777	637	294	135	61	31	14	16	1966	60	898	27.4	257	7.9	52.4	60.5							
00-00	3408	25	57	193	397	687	811	665	307	139	63	32	15	17	2049	60.1	932	27.4	265	7.8	52.4	60.5							

40720 Dublin ATCs															Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)												
02 October 2011		to													08 October 2011		Direction	Northbound												
Time Period	Total Vehicles	Speed Bins													Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed								
		0	30	35	40	45	50	55	60	65	70	75	80	85	200	50	50	57	57	65			65							
Virtual Week (1)																														
Mon	3874	30	86	297	463	775	924	676	337	138	65	43	24	16	2223	57.4	983	25.4	286	7.4	51.8	60.5								
Tue	4038	27	72	221	483	744	973	821	362	186	75	34	18	22	2491	61.7	1144	28.3	335	8.3	52.6	60.8								
Wed	4035	30	59	250	506	850	865	813	365	163	74	35	16	9	2340	58	1100	27.3	297	7.4	52.1	60.5								
Thu	4264	27	59	216	482	942	1007	849	389	160	70	32	8	23	2538	59.5	1137	26.7	293	6.9	52.3	60.1								
Fri	4197	22	73	220	438	812	1042	816	427	173	87	40	22	25	2632	62.7	1205	28.7	347	8.3	52.9	61.2								
|Sat	1948	22	26	79	225	378	468	400	171	82	42	28	7	20	1218	62.5	577	29.6	179	9.2	53.1	61.2								
|Sun	1498	16	25	66	183	309	399	281	101	71	25	11	9	2	899	60	379	25.3	118	7.9	52.1	59.4								
5 Day Average																														
[--]	4082	27	70	241	474	825	962	795	376	164	74	37	18	19	2445	59.9	1114	27.3	312	7.6	52.3	60.6								
7 Day Average																														
[--]	3408	25	57	193	397	687	811	665	307	139	63	32	15	17	2049	60.1	932	27.3	265	7.8	52.4	60.5								
Total Vehicles																														
[--]	23854	174	400	1349	2780	4810	5678	4656	2152	973	438	223	104	117	14341	60.1	6525	27.4	1855	7.8	52.4	60.5								



40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
02 October 2011														
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
07:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
10:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0
11:00	8	0	7	1	0	0	0	0	0	0	0	0	0	0
12:00	12	0	11	1	0	0	0	0	0	0	0	0	0	0
13:00	10	0	9	1	0	0	0	0	0	0	0	0	0	0
14:00	26	1	25	0	0	0	0	0	0	0	0	0	0	0
15:00	20	1	19	0	0	0	0	0	0	0	0	0	0	0
16:00	9	0	9	0	0	0	0	0	0	0	0	0	0	0
17:00	9	0	9	0	0	0	0	0	0	0	0	0	0	0
18:00	8	0	8	0	0	0	0	0	0	0	0	0	0	0
19:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
20:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	114	2	109	3	0	0	0	0	0	0	0	0	0	0
06-22	125	2	120	3	0	0	0	0	0	0	0	0	0	0
06-00	126	2	121	3	0	0	0	0	0	0	0	0	0	0
00-00	129	2	124	3	0	0	0	0	0	0	0	0	0	0

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
03 October 2011														
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	7	0	4	0	0	0	1	0	1	0	1	0	0	0
07:00	19	1	16	1	0	0	0	0	1	0	0	0	0	0
08:00	16	3	10	1	0	0	0	0	0	0	1	1	0	0
09:00	20	0	14	4	0	0	0	0	1	0	0	1	0	0
10:00	14	0	7	1	0	0	1	0	4	0	1	0	0	0
11:00	13	0	8	3	0	0	0	0	2	0	0	0	0	0
12:00	10	1	6	1	0	0	0	0	2	0	0	0	0	0
13:00	30	2	15	7	0	0	0	0	5	0	1	0	0	0
14:00	30	0	26	0	0	0	0	0	4	0	0	0	0	0
15:00	24	1	17	2	1	0	0	0	2	1	0	0	0	0
16:00	12	3	9	0	0	0	0	0	0	0	0	0	0	0
17:00	10	1	8	0	0	0	0	0	1	0	0	0	0	0
18:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
19:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
20:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
21:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0
07-19	199	12	137	20	1	0	1	0	22	1	3	2	0	0
06-22	215	12	150	20	1	0	2	0	23	1	4	2	0	0
06-00	217	13	151	20	1	0	2	0	23	1	4	2	0	0
00-00	218	13	152	20	1	0	2	0	23	1	4	2	0	0

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
04 October 2011														
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	11	0	8	1	0	0	1	0	1	0	0	0	0	0
07:00	22	2	17	2	0	0	0	0	1	0	0	0	0	0
08:00	12	3	6	1	0	0	1	0	1	0	0	0	0	0
09:00	26	1	15	4	0	0	1	0	4	0	1	0	0	0
10:00	20	0	14	3	0	0	0	0	2	0	0	1	0	0
11:00	31	0	14	4	0	1	0	0	10	1	0	1	0	0
12:00	23	0	13	2	0	0	0	0	8	0	0	0	0	0
13:00	19	0	13	2	0	0	0	0	3	0	0	1	0	0
14:00	23	0	13	7	0	0	1	0	2	0	0	0	0	0
15:00	25	0	17	5	0	0	0	0	3	0	0	0	0	0
16:00	19	0	15	0	0	1	0	0	3	0	0	0	0	0
17:00	13	1	7	1	0	0	1	0	3	0	0	0	0	0
18:00	5	0	4	1	0	0	0	0	0	0	0	0	0	0
19:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0
20:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
21:00	4	1	3	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	4	1	3	0	0	0	0	0	0	0	0	0	0	0
07-19	238	7	148	32	0	2	4	0	40	1	1	3	0	0
06-22	260	8	166	33	0	2	5	0	41	1	1	3	0	0
06-00	265	9	170	33	0	2	5	0	41	1	1	3	0	0
00-00	266	9	171	33	0	2	5	0	41	1	1	3	0	0

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
05 October 2011														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
06:00	6	0	5	0	0	0	0	0	1	0	0	0	0	0
07:00	22	2	16	1	0	1	1	0	1	0	0	0	0	0
08:00	23	2	16	4	0	1	0	0	0	0	0	0	0	0
09:00	23	0	17	4	0	0	0	0	2	0	0	0	0	0
10:00	18	0	12	2	0	0	1	0	2	0	0	1	0	0
11:00	29	0	19	6	0	0	0	0	3	0	0	1	0	0
12:00	26	0	17	4	0	0	1	0	3	1	0	0	0	0
13:00	26	0	21	1	0	0	0	0	3	0	0	0	0	1
14:00	19	0	13	4	0	1	0	0	1	0	0	0	0	0
15:00	16	0	9	5	0	0	0	0	2	0	0	0	0	0
16:00	15	1	10	2	0	1	1	0	0	0	0	0	0	0
17:00	11	1	9	1	0	0	0	0	0	0	0	0	0	0
18:00	5	0	3	0	0	0	0	0	2	0	0	0	0	0
19:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
20:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
21:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07-19	233	6	162	34	0	4	4	0	19	1	0	2	0	1
06-22	243	6	171	34	0	4	4	0	20	1	0	2	0	1
06-00	246	6	174	34	0	4	4	0	20	1	0	2	0	1
00-00	247	6	175	34	0	4	4	0	20	1	0	2	0	1

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
06 October 2011														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	6	0	3	1	0	0	1	0	1	0	0	0	0	0
07:00	26	1	23	2	0	0	0	0	0	0	0	0	0	0
08:00	15	1	12	1	0	0	0	0	0	0	1	0	0	0
09:00	34	0	26	3	0	0	1	0	4	0	0	0	0	0
10:00	22	0	12	4	0	1	1	0	3	1	0	0	0	0
11:00	16	0	7	5	0	0	0	0	3	0	0	1	0	0
12:00	22	0	14	3	0	0	0	0	5	0	0	0	0	0
13:00	31	0	24	5	0	0	0	0	2	0	0	0	0	0
14:00	19	1	10	4	0	0	1	0	1	1	0	0	0	1
15:00	30	1	18	4	1	1	1	0	4	0	0	0	0	0
16:00	13	0	9	1	0	0	0	0	3	0	0	0	0	0
17:00	4	1	2	1	0	0	0	0	0	0	0	0	0	0
18:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
19:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
20:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
21:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
22:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
23:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0
07-19	236	5	161	33	1	2	4	0	25	2	1	1	0	1
06-22	247	5	169	34	1	2	5	0	26	2	1	1	0	1
06-00	250	6	171	34	1	2	5	0	26	2	1	1	0	1
00-00	252	6	173	34	1	2	5	0	26	2	1	1	0	1

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
07 October 2011														
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0
06:00	8	0	6	0	0	0	0	0	1	0	1	0	0	0
07:00	27	2	18	4	0	0	1	0	1	0	0	1	0	0
08:00	33	3	22	2	0	0	1	0	3	0	2	0	0	0
09:00	24	0	12	4	0	0	1	0	7	0	0	0	0	0
10:00	22	0	13	4	0	0	0	0	5	0	0	0	0	0
11:00	38	1	23	9	0	0	0	0	5	0	0	0	0	0
12:00	22	0	12	5	0	0	0	0	5	0	0	0	0	0
13:00	28	0	21	0	0	1	0	0	4	0	2	0	0	0
14:00	32	0	22	3	0	1	0	0	6	0	0	0	0	0
15:00	27	1	20	2	0	0	1	0	2	1	0	0	0	0
16:00	19	1	11	1	0	0	1	0	5	0	0	0	0	0
17:00	12	0	9	3	0	0	0	0	0	0	0	0	0	0
18:00	11	0	9	1	0	0	0	0	1	0	0	0	0	0
19:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	3	2	1	0	0	0	0	0	0	0	0	0	0	0
07-19	295	8	192	38	0	2	5	0	44	1	4	1	0	0
06-22	309	8	204	38	0	2	5	0	45	1	5	1	0	0
06-00	313	10	206	38	0	2	5	0	45	1	5	1	0	0
00-00	314	10	206	38	0	3	5	0	45	1	5	1	0	0

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Southbound

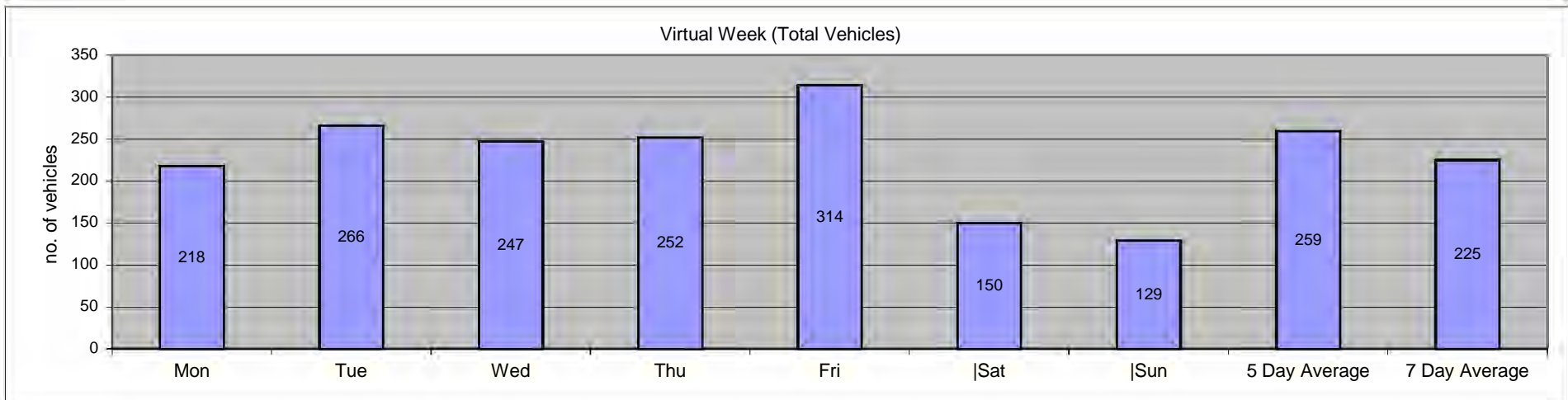
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
08 October 2011														
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07:00	11	0	9	1	0	0	1	0	0	0	0	0	0	0
08:00	3	0	2	0	0	0	1	0	0	0	0	0	0	0
09:00	6	0	5	1	0	0	0	0	0	0	0	0	0	0
10:00	17	1	15	1	0	0	0	0	0	0	0	0	0	0
11:00	20	0	18	2	0	0	0	0	0	0	0	0	0	0
12:00	19	0	17	1	0	0	1	0	0	0	0	0	0	0
13:00	16	2	14	0	0	0	0	0	0	0	0	0	0	0
14:00	17	1	15	0	0	0	1	0	0	0	0	0	0	0
15:00	18	2	15	0	0	0	0	0	0	0	1	0	0	0
16:00	9	0	8	1	0	0	0	0	0	0	0	0	0	0
17:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
18:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
19:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0
20:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	142	6	124	7	0	0	4	0	0	0	1	0	0	0
06-22	149	7	130	7	0	0	4	0	0	0	1	0	0	0
06-00	149	7	130	7	0	0	4	0	0	0	1	0	0	0
00-00	150	7	131	7	0	0	4	0	0	0	1	0	0	0

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Average Day														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	6	0	5	0	0	0	0	0	1	0	0	0	0	0
07:00	19	1	15	2	0	0	0	0	1	0	0	0	0	0
08:00	15	2	10	1	0	0	0	0	1	0	1	0	0	0
09:00	19	0	13	3	0	0	0	0	3	0	0	0	0	0
10:00	17	0	11	2	0	0	0	0	2	0	0	0	0	0
11:00	22	0	14	4	0	0	0	0	3	0	0	0	0	0
12:00	19	0	13	2	0	0	0	0	3	0	0	0	0	0
13:00	23	1	17	2	0	0	0	0	2	0	0	0	0	0
14:00	24	0	18	3	0	0	0	0	2	0	0	0	0	0
15:00	23	1	16	3	0	0	0	0	2	0	0	0	0	0
16:00	14	1	10	1	0	0	0	0	2	0	0	0	0	0
17:00	9	1	7	1	0	0	0	0	1	0	0	0	0	0
18:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
19:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
20:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
21:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0
07-19	208	7	148	24	0	1	3	0	21	1	1	1	0	0
06-22	221	7	159	24	0	1	4	0	22	1	2	1	0	0
06-00	224	8	160	24	0	1	4	0	22	1	2	1	0	0
00-00	225	8	162	24	0	2	4	0	22	1	2	1	0	0

40720 Dublin ATCs Site 2 Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)
 02 October 2011 to 08 October 2011 Direction Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Virtual Week (1)														
Mon	218	13	152	20	1	0	2	0	23	1	4	2	0	0
Tue	266	9	171	33	0	2	5	0	41	1	1	3	0	0
Wed	247	6	175	34	0	4	4	0	20	1	0	2	0	1
Thu	252	6	173	34	1	2	5	0	26	2	1	1	0	1
Fri	314	10	206	38	0	3	5	0	45	1	5	1	0	0
|Sat	150	7	131	7	0	0	4	0	0	0	1	0	0	0
|Sun	129	2	124	3	0	0	0	0	0	0	0	0	0	0
5 Day Average														
[--]	259	9	175	32	0	2	4	0	31	1	2	2	0	0
7 Day Average														
[--]	225	8	162	24	0	2	4	0	22	1	2	1	0	0
Total Vehicles														
[--]	1576	53	1132	169	2	11	25	0	155	6	12	9	0	2



40720 Dublin ATCs																Site	2	Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)																					
02 October 2011		to														08 October 2011														Direction	Southbound	Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57 ACPO	57 ACPO	65 DFT	65 DFT	Speed	Speed																	
02 October 2011																																							
0000	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47.9	-																	
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																	
02:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	0	0	0	0	53.2	-																	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																	
04:00	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	100	1	100	1	100	70	-																	
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																	
06:00	4	0	0	0	0	0	1	0	1	0	1	0	0	1	4	100	3	75	2	50	71.8	-																	
07:00	5	0	0	1	0	1	1	2	0	0	0	0	0	3	60	1	20	0	0	50.7	-																		
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																	
09:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41.7	-																	
10:00	6	0	0	0	0	0	1	1	0	0	2	1	1	0	6	100	4	66.7	4	66.7	68.5	-																	
11:00	8	0	0	0	0	0	1	2	1	2	0	0	2	0	8	100	6	75	4	50	65.8	-																	
12:00	12	0	0	0	1	2	0	3	1	3	0	1	1	0	9	75	8	66.7	5	41.7	61.1	69.8																	
13:00	10	0	0	0	1	2	1	0	4	1	1	0	0	0	7	70	6	60	2	20	57.7	-																	
14:00	26	1	0	0	0	2	5	6	6	5	1	0	0	0	23	88.5	14	53.8	6	23.1	57.9	66.2																	
15:00	20	1	0	1	0	4	5	4	2	1	1	0	0	1	14	70	6	30	3	15	54.6	62.3																	
16:00	9	0	0	0	0	1	0	1	2	1	2	2	0	0	8	88.9	8	88.9	5	55.6	65.7	-																	
17:00	9	0	0	0	0	0	1	1	2	3	1	1	0	0	9	100	8	88.9	5	55.6	65.2	-																	
18:00	8	0	0	1	1	0	0	3	0	2	0	0	0	1	6	75	5	62.5	3	37.5	61.8	-																	
19:00	3	0	0	0	0	0	0	0	0	1	2	0	0	0	3	100	3	100	3	100	71.1	-																	
20:00	4	0	0	0	0	1	0	2	0	0	0	1	0	0	3	75	1	25	1	25	59.5	-																	
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																	
22:00	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	100	1	100	1	100	65.4	-																	
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																	
07-19	114	2	0	3	4	12	15	23	18	18	8	5	4	2	93	81.6	66	57.9	37	32.5	59.8	70.6																	
06-22	125	2	0	3	4	13	16	25	19	19	11	6	4	3	103	82.4	73	58.4	43	34.4	60.4	71.3																	
06-00	126	2	0	3	4	13	16	25	19	20	11	6	4	3	104	82.5	74	58.7	44	34.9	60.4	71.3																	
00-00	129	2	0	3	4	14	17	25	19	20	12	6	4	3	106	82.2	75	58.1	45	34.9	60.4	71.3																	

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)											
02 October 2011		to														08 October 2011		Direction	Southbound		Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57 ACPO	57 ACPO	65 DFT	65 DFT	Mean Speed	85%ile Speed								
03 October 2011																														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	100	1	100	1	100	85.4	-								
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
06:00	7	0	0	0	0	3	1	0	1	2	0	0	0	7	100	3	42.9	3	42.9	61.3	-									
07:00	19	1	0	0	2	2	1	2	2	6	1	1	1	16	84.2	13	68.4	11	57.9	64.5	73.4									
08:00	16	3	0	0	0	3	1	4	3	1	0	0	1	13	81.3	10	62.5	5	31.3	56.4	68.8									
09:00	20	0	0	1	1	1	5	7	4	0	1	0	0	18	90	15	75	5	25	60.8	67.3									
10:00	14	0	0	1	0	2	1	3	2	2	1	1	1	13	92.9	11	78.6	7	50	65.6	74.9									
11:00	13	0	1	0	1	2	3	1	1	3	0	0	1	11	84.6	7	53.8	5	38.5	60.6	73.1									
12:00	10	1	0	0	2	0	1	2	1	0	2	1	0	7	70	7	70	4	40	60.6	-									
13:00	30	1	0	0	3	1	5	8	6	4	2	0	0	26	86.7	24	80	12	40	62.3	71.6									
14:00	30	0	0	1	5	1	4	8	3	1	7	0	0	24	80	21	70	11	36.7	63	77.4									
15:00	24	0	0	0	3	1	2	3	8	3	2	1	1	21	87.5	19	79.2	15	62.5	66	72									
16:00	12	2	0	0	4	2	1	0	1	2	0	0	0	6	50	4	33.3	3	25	51.3	69.8									
17:00	10	3	0	0	2	0	1	2	0	0	1	0	1	5	50	5	50	2	20	50.1	-									
18:00	1	0	0	0	0	0	0	0	1	0	0	0	0	1	100	1	100	1	100	68.9	-									
19:00	4	0	0	0	1	0	1	1	1	0	0	0	0	3	75	3	75	1	25	60.1	-									
20:00	3	0	0	0	0	0	0	0	0	1	0	0	2	3	100	3	100	3	100	90.2	-									
21:00	2	0	0	0	0	0	0	0	1	0	0	1	0	2	100	2	100	2	100	73.7	-									
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
23:00	2	1	0	0	0	0	0	0	1	0	0	0	0	1	50	1	50	1	50	43.5	-									
07-19	199	11	1	1	2	23	15	25	40	32	22	17	4	6	161	80.9	137	68.8	81	40.7	61.2	73.4								
06-22	215	11	1	1	2	24	18	27	41	35	25	17	5	8	176	81.9	148	68.8	90	41.9	61.7	74.2								
06-00	217	12	1	1	2	24	18	27	41	36	25	17	5	8	177	81.6	149	68.7	91	41.9	61.6	74.2								
00-00	218	12	1	1	2	24	18	27	41	36	25	17	5	9	178	81.7	150	68.8	92	42.2	61.7	74.2								

40720 Dublin ATCs																Site	2	Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)																								
02 October 2011		to														08 October 2011														Direction	Southbound	Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile			
Time Period	Total Vehicles	0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57 ACPO	57 ACPO	65 DFT	65 DFT	Speed	Speed																				
04 October 2011																																										
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																				
01:00	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	100	1	100	1	100	67.7	-																				
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																				
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																				
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																				
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																				
06:00	11	0	0	0	0	0	1	2	1	1	4	2	0	0	11	100	9	81.8	7	63.6	67.8	72.7																				
07:00	22	2	0	0	0	0	4	2	3	1	3	3	2	2	20	90.9	16	72.7	11	50	65.1	83.5																				
08:00	12	3	0	0	0	0	3	0	1	2	2	0	1	0	9	75	6	50	5	41.7	55.2	71.6																				
09:00	26	1	1	0	1	1	1	7	4	3	3	1	0	3	22	84.6	18	69.2	10	38.5	62.2	74.9																				
10:00	20	0	1	0	0	1	2	6	3	4	3	0	0	0	18	90	13	65	7	35	60.1	68.4																				
11:00	31	0	0	0	0	2	0	6	11	5	2	4	0	1	29	93.5	26	83.9	12	38.7	65.1	74.9																				
12:00	23	1	0	0	1	0	2	3	4	6	1	2	1	2	21	91.3	18	78.3	12	52.2	65.2	79.6																				
13:00	19	0	0	0	0	2	2	5	2	2	4	1	1	0	17	89.5	13	68.4	8	42.1	62.7	73.1																				
14:00	23	1	0	0	0	0	1	6	5	1	3	4	1	1	22	95.7	19	82.6	10	43.5	66.1	77																				
15:00	25	0	0	0	1	1	6	3	5	6	2	1	0	0	23	92	16	64	9	36	60.6	67.7																				
16:00	19	0	0	0	1	2	5	4	2	2	2	1	0	0	16	84.2	9	47.4	5	26.3	58.5	68.8																				
17:00	13	1	0	0	0	0	1	1	2	7	0	0	0	1	12	92.3	11	84.6	8	61.5	62.9	69.5																				
18:00	5	0	0	1	0	0	1	0	0	0	1	1	1	0	4	80	3	60	3	60	66.2	-																				
19:00	6	0	0	0	0	0	1	1	2	0	1	0	0	1	6	100	5	83.3	2	33.3	66.6	-																				
20:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	100	1	100	0	0	63.6	-																				
21:00	4	1	0	0	0	1	1	0	0	0	0	1	0	0	2	50	1	25	1	25	50.4	-																				
22:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	100	0	0	0	0	56.3	-																				
23:00	4	0	0	0	0	0	1	0	0	2	0	1	0	0	4	100	3	75	3	75	64.7	-																				
07-19	238	9	2	1	4	9	28	43	42	39	26	18	7	10	213	89.5	168	70.6	100	42	62.7	74.9																				
06-22	260	10	2	1	4	10	31	46	46	40	31	21	7	11	233	89.6	184	70.8	110	42.3	62.8	74.9																				
06-00	265	10	2	1	4	10	32	47	46	42	31	22	7	11	238	89.8	187	70.6	113	42.6	62.8	74.9																				
00-00	266	10	2	1	4	10	32	47	46	43	31	22	7	11	239	89.8	188	70.7	114	42.9	62.8	74.9																				

40720 Dublin ATCs																Site	2	Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Southbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)			Mean	85%ile
Time Period	Total Vehicles	0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57 ACPO	57 ACPO	65 DFT	65 DFT	Speed	Speed									
05 October 2011																															
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
05:00	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	100	1	100	1	100	74.5	-									
06:00	6	0	0	0	0	0	0	0	3	2	1	0	0	0	6	100	6	100	3	50	65	-									
07:00	22	2	0	0	0	2	2	1	4	3	1	5	1	1	18	81.8	16	72.7	11	50	64.1	78.8									
08:00	23	2	0	0	0	0	0	1	6	7	3	1	3	0	21	91.3	21	91.3	14	60.9	64.6	76.7									
09:00	23	0	0	0	0	0	3	3	4	6	2	5	0	0	23	100	18	78.3	13	56.5	66.2	75.6									
10:00	18	2	0	0	0	1	2	6	3	2	0	2	0	0	15	83.3	12	66.7	4	22.2	57.4	68.8									
11:00	29	1	0	2	0	4	1	6	6	5	2	1	1	0	22	75.9	18	62.1	9	31	58.8	69.5									
12:00	26	0	0	0	0	3	2	6	9	3	2	0	1	0	23	88.5	18	69.2	6	23.1	61	68.8									
13:00	26	0	0	0	1	1	4	5	5	2	5	0	2	1	24	92.3	17	65.4	10	38.5	62.9	73.8									
14:00	19	0	0	0	0	0	3	3	3	6	1	2	1	0	19	100	15	78.9	10	52.6	64.8	70.2									
15:00	16	0	0	0	0	1	1	4	4	4	0	1	0	1	15	93.8	13	81.3	6	37.5	64	68.8									
16:00	15	1	0	0	0	4	5	3	0	0	0	1	1	0	10	66.7	2	13.3	2	13.3	53	56.5									
17:00	11	1	0	0	1	0	1	0	0	3	1	4	0	0	9	81.8	8	72.7	8	72.7	64.1	76.3									
18:00	5	0	0	0	0	0	1	1	0	1	1	0	0	1	5	100	3	60	3	60	68.7	-									
19:00	2	0	0	0	0	0	0	1	0	0	0	0	0	1	2	100	1	50	1	50	70.1	-									
20:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	100	1	100	0	0	61.4	-									
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	100	1	100	1	100	129.4	-									
22:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	0	0	0	0	55	-									
23:00	2	0	0	0	0	0	1	0	0	0	0	0	0	1	2	100	1	50	1	50	70.1	-									
07-19	233	9	0	2	2	16	25	39	44	42	18	22	10	4	204	87.6	161	69.1	96	41.2	62.1	75.2									
06-22	243	9	0	2	2	16	25	40	48	44	19	22	10	6	214	88.1	170	70	101	41.6	62.5	75.6									
06-00	246	9	0	2	2	16	27	40	48	44	19	22	10	7	217	88.2	171	69.5	102	41.5	62.6	75.6									
00-00	247	9	0	2	2	16	27	40	48	44	20	22	10	7	218	88.3	172	69.6	103	41.7	62.6	75.6									

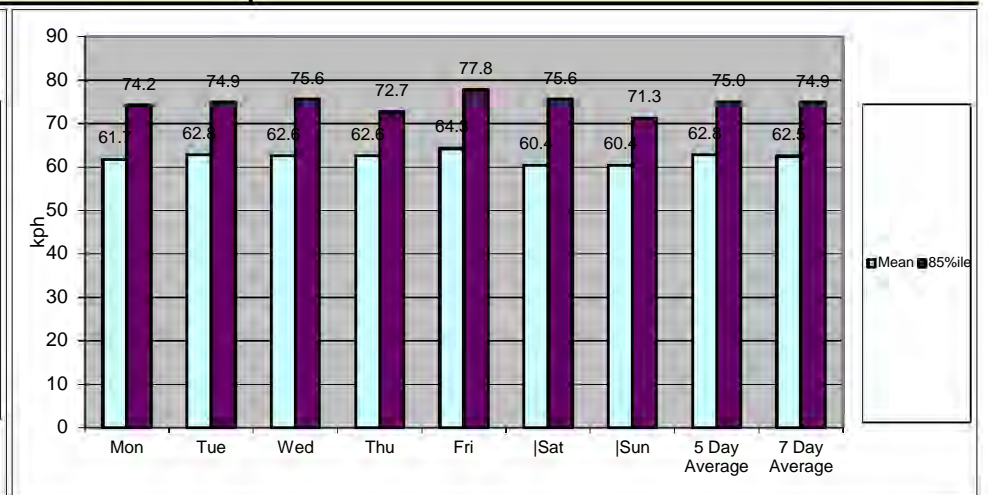
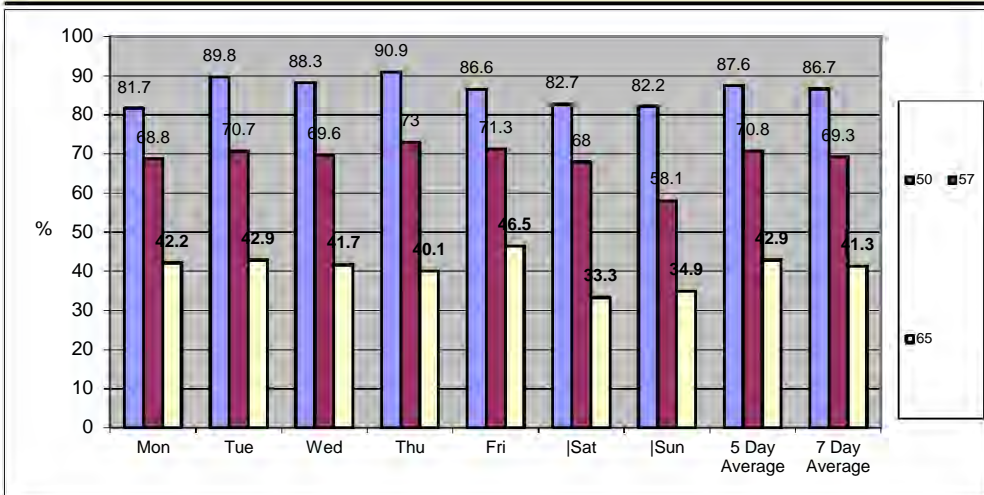
40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Southbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
06 October 2011																																
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
04:00	2	0	0	0	0	0	1	0	0	1	0	0	0	0	2	100	1	50	1	50	61.1	-										
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
06:00	6	0	0	0	0	0	3	0	2	0	0	1	0	0	6	100	3	50	1	16.7	60.5	-										
07:00	26	1	0	0	0	0	1	5	2	6	6	2	2	1	25	96.2	22	84.6	17	65.4	66.8	75.6										
08:00	15	1	0	0	0	1	2	2	1	2	1	1	1	3	13	86.7	11	73.3	8	53.3	66.2	86										
09:00	34	0	0	0	0	2	7	9	7	4	4	1	0	0	32	94.1	22	64.7	9	26.5	60.3	68.8										
10:00	22	1	0	1	0	0	4	2	4	2	4	2	2	0	20	90.9	15	68.2	10	45.5	62.6	75.2										
11:00	16	0	0	0	0	1	3	4	1	1	3	1	1	1	15	93.8	12	75	7	43.8	65	75.6										
12:00	22	1	0	1	0	0	2	6	7	1	2	0	2	0	20	90.9	17	77.3	5	22.7	60.7	70.9										
13:00	31	0	0	0	1	1	1	9	7	4	6	0	1	1	29	93.5	23	74.2	12	38.7	63.5	71.3										
14:00	19	1	0	0	1	0	1	4	5	4	1	2	0	0	17	89.5	15	78.9	7	36.8	60.5	68.8										
15:00	30	1	0	0	2	1	0	7	7	4	7	0	0	1	26	86.7	23	76.7	12	40	62.4	72										
16:00	13	0	0	1	0	1	1	4	2	2	0	1	1	0	11	84.6	9	69.2	4	30.8	60.3	65.5										
17:00	4	1	1	0	0	0	0	1	0	0	0	1	0	0	2	50	1	25	1	25	47	-										
18:00	4	0	0	0	0	0	0	0	1	3	0	0	0	0	4	100	4	100	3	75	66.6	-										
19:00	3	0	0	0	1	0	0	0	0	0	2	0	0	0	2	66.7	2	66.7	2	66.7	61.6	-										
20:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	0	0	0	0	50.4	-										
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	100	1	100	1	100	89.1	-										
22:00	2	0	0	0	0	0	0	1	0	0	1	0	0	0	2	100	2	100	1	50	65.8	-										
23:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	100	1	100	0	0	62.5	-										
07-19	236	7	1	3	4	7	22	53	44	33	34	11	10	7	214	90.7	174	73.7	95	40.3	62.5	73.1										
06-22	247	7	1	3	5	7	26	53	46	33	36	12	10	8	224	90.7	180	72.9	99	40.1	62.5	73.1										
06-00	250	7	1	3	5	7	26	54	47	33	37	12	10	8	227	90.8	183	73.2	100	40	62.6	73.1										
00-00	252	7	1	3	5	7	27	54	47	34	37	12	10	8	229	90.9	184	73	101	40.1	62.6	72.7										

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Southbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
07 October 2011																																
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
05:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	0	0	0	0	54.1	-									
06:00	8	0	0	0	0	0	1	1	0	2	4	0	0	0	8	100	7	87.5	6	75	67.3	-										
07:00	27	2	1	0	0	0	1	4	4	2	2	6	1	4	24	88.9	22	81.5	15	55.6	68	80.3										
08:00	33	2	0	1	0	4	1	9	3	2	6	5	0	0	26	78.8	23	69.7	13	39.4	60.7	73.1										
09:00	24	0	0	0	0	1	2	2	7	4	6	1	0	1	23	95.8	19	79.2	12	50	65.5	73.1										
10:00	22	0	0	0	2	1	3	1	5	7	1	2	0	0	19	86.4	15	68.2	10	45.5	61	65.9										
11:00	38	0	1	0	0	2	3	5	10	6	4	3	2	2	35	92.1	30	78.9	17	44.7	65.6	76										
12:00	22	0	0	0	0	2	6	4	4	1	2	1	1	1	20	90.9	12	54.5	6	27.3	61.9	72										
13:00	28	0	0	1	1	1	4	3	5	2	5	2	1	3	25	89.3	21	75	13	46.4	65.9	77.8										
14:00	32	0	1	0	0	5	2	4	3	6	3	2	5	1	26	81.3	21	65.6	17	53.1	64.9	81.4										
15:00	27	0	0	0	1	0	4	3	2	3	7	4	1	2	26	96.3	21	77.8	17	63	67.6	76.3										
16:00	19	2	0	0	0	4	0	2	5	2	2	1	1	0	13	68.4	12	63.2	6	31.6	57.5	69.8										
17:00	12	0	0	0	0	0	2	2	3	0	1	0	4	0	12	100	8	66.7	5	41.7	67.7	82.1										
18:00	11	0	0	2	2	0	0	2	1	0	2	1	0	1	7	63.6	7	63.6	4	36.4	60	74.5										
19:00	3	0	0	0	0	2	0	0	0	0	0	0	0	1	1	33.3	1	33.3	1	33.3	62	-										
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
21:00	3	0	0	0	0	0	0	0	1	0	0	0	0	2	3	100	3	100	2	66.7	82	-										
22:00	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	100	1	100	1	100	78	-										
23:00	3	0	0	0	0	1	1	0	0	0	0	0	1	0	2	66.7	1	33.3	1	33.3	60.4	-										
07-19	295	6	3	4	6	20	28	41	52	35	41	28	16	15	256	86.8	211	71.5	135	45.8	64.1	77.8										
06-22	309	6	3	4	6	22	29	42	53	37	45	28	16	18	268	86.7	222	71.8	144	46.6	64.4	77.8										
06-00	313	6	3	4	6	23	30	42	53	37	45	29	17	18	271	86.6	224	71.6	146	46.6	64.4	77.8										
00-00	314	6	3	4	6	23	31	42	53	37	45	29	17	18	272	86.6	224	71.3	146	46.5	64.3	77.8										

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Southbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
08 October 2011																																
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
03:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	1	100	0	0	57.2	-									
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
06:00	2	0	0	0	0	0	0	1	0	0	0	0	0	1	2	100	2	100	1	50	75.6	-										
07:00	11	0	0	0	1	3	0	3	2	0	0	0	2	0	7	63.6	5	45.5	2	18.2	57.6	63.4										
08:00	3	0	1	0	1	0	0	0	0	0	0	1	0	0	1	33.3	1	33.3	1	33.3	52.3	-										
09:00	6	0	0	0	0	0	2	1	0	1	0	1	0	1	6	100	4	66.7	3	50	66.2	-										
10:00	17	2	0	0	0	0	1	3	7	1	2	0	0	1	15	88.2	14	82.4	4	23.5	59.3	68.4										
11:00	20	1	0	0	0	1	4	3	5	3	1	0	0	2	18	90	13	65	6	30	61.2	68.4										
12:00	19	0	1	0	0	1	0	7	3	4	0	3	0	0	17	89.5	14	73.7	7	36.8	62.1	69.5										
13:00	16	1	1	0	0	1	0	2	3	2	1	3	1	1	13	81.3	13	81.3	8	50	63.6	77.4										
14:00	17	1	0	0	0	0	2	4	7	2	1	0	0	0	16	94.1	13	76.5	3	17.6	59.8	64.1										
15:00	18	4	0	0	1	2	2	4	0	1	1	2	1	0	11	61.1	7	38.9	5	27.8	51.7	73.1										
16:00	9	0	0	0	0	1	1	0	3	3	0	0	0	1	8	88.9	7	77.8	4	44.4	64.2	-										
17:00	3	0	0	0	0	0	1	1	0	1	0	0	0	0	3	100	2	66.7	1	33.3	59.4	-										
18:00	3	0	0	0	0	0	0	0	0	1	1	0	0	1	3	100	3	100	3	100	81.1	-										
19:00	2	1	0	0	0	0	0	0	1	0	0	0	0	0	1	50	1	50	0	0	38.1	-										
20:00	3	0	0	0	0	1	0	0	0	1	0	0	0	1	2	66.7	2	66.7	2	66.7	68.3	-										
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
07-19	142	9	3	0	3	9	13	28	30	19	7	10	4	7	118	83.1	96	67.6	47	33.1	60.3	74.9										
06-22	149	10	3	0	3	10	13	29	31	20	7	10	4	9	123	82.6	101	67.8	50	33.6	60.4	75.6										
06-00	149	10	3	0	3	10	13	29	31	20	7	10	4	9	123	82.6	101	67.8	50	33.6	60.4	75.6										
00-00	150	10	3	0	3	10	13	30	31	20	7	10	4	9	124	82.7	102	68	50	33.3	60.4	75.6										

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Southbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
Average Day																																
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47.9	-										
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	100	0	100	67.7	-									
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	53.2	-									
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	100	0	0	57.2	-									
04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	0	75	0	75	69.4	-									
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	50	0	50	64.3	-									
06:00	6	0	0	0	0	0	1	1	1	1	2	0	0	0	0	6	100	5	75	3	52.3	66	-									
07:00	19	1	0	0	0	1	2	3	2	2	3	2	1	1	16	85.6	14	72	10	50.8	64.6	79.2										
08:00	15	2	0	0	0	1	1	2	2	2	2	1	1	1	12	81.4	10	70.6	7	45.1	60.8	78.1										
09:00	19	0	0	0	0	1	2	4	4	3	2	1	0	1	18	92.5	14	71.6	7	38.8	62.8	73.1										
10:00	17	1	0	0	0	0	2	3	4	3	2	1	1	0	15	89.1	12	70.6	7	38.7	61.3	73.1										
11:00	22	0	0	0	0	2	2	4	5	3	2	1	1	1	20	89	16	72.3	9	38.7	63.2	74.2										
12:00	19	0	0	0	0	1	2	4	4	3	1	1	1	0	17	87.3	13	70.1	6	33.6	61.9	74.5										
13:00	23	0	0	0	1	2	2	4	5	3	4	1	1	1	20	88.1	17	73.1	9	40.6	63.2	73.4										
14:00	24	1	0	0	0	2	2	4	5	4	2	2	1	0	21	88.6	17	71.1	9	38.6	62.6	74.9										
15:00	23	1	0	0	1	2	3	4	3	4	3	1	0	1	19	85	15	65.6	10	41.9	61.5	72.7										
16:00	14	1	0	0	0	2	2	2	2	2	1	1	0	0	10	75	7	53.1	4	30.2	58	71.3										
17:00	9	1	0	0	0	0	1	1	1	2	0	1	1	0	7	83.9	6	69.4	4	48.4	61.1	-										
18:00	5	0	0	1	0	0	0	1	0	1	1	0	0	1	4	81.1	4	70.3	3	54.1	65.1	-										
19:00	3	0	0	0	0	0	0	0	0	1	0	1	0	0	3	78.3	2	69.6	1	43.5	62.6	-										
20:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84.6	1	61.5	1	46.2	68.4	-										
21:00	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	81.8	1	72.7	1	63.6	74	-										
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	1	66.7	0	50	64.4	-										
23:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	83.3	1	58.3	1	50	60.8	-										
07-19	208	8	1	2	4	14	21	36	39	31	22	16	8	7	180	86.4	145	69.5	84	40.6	62.2	74.9										
06-22	221	8	1	2	4	15	23	37	41	33	25	17	8	9	192	86.6	154	69.6	91	41.1	62.5	74.9										
06-00	224	8	1	2	4	15	23	38	41	33	25	17	8	9	194	86.7	156	69.5	92	41.3	62.4	74.9										
00-00	225	8	1	2	4	15	24	38	41	33	25	17	8	9	195	86.7	156	69.5	93	41.3	62.5	74.9										

40720 Dublin ATCs																Site	2		Location North Rd, 50m south of dogs trust entrance (N53.24.832, W6.19.167)													
02 October 2011		to														08 October 2011		Direction	Southbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	75 80	80 85	85 200	50	50	57	57	65	65												
Virtual Week (1)																																
Mon	218	12	1	1	2	24	18	27	41	36	25	17	5	9	178	81.7	150	68.8	92	42.2	61.7	74.2										
Tue	266	10	2	1	4	10	32	47	46	43	31	22	7	11	239	89.8	188	70.7	114	42.9	62.8	74.9										
Wed	247	9	0	2	2	16	27	40	48	44	20	22	10	7	218	88.3	172	69.6	103	41.7	62.6	75.6										
Thu	252	7	1	3	5	7	27	54	47	34	37	12	10	8	229	90.9	184	73	101	40.1	62.6	72.7										
Fri	314	6	3	4	6	23	31	42	53	37	45	29	17	18	272	86.6	224	71.3	146	46.5	64.3	77.8										
|Sat	150	10	3	0	3	10	13	30	31	20	7	10	4	9	124	82.7	102	68	50	33.3	60.4	75.6										
|Sun	129	2	0	3	4	14	17	25	19	20	12	6	4	3	106	82.2	75	58.1	45	34.9	60.4	71.3										
5 Day Average																																
[--]	259	9	1	2	4	16	27	42	47	39	32	20	10	11	227	87.6	184	70.8	111	42.9	62.8	75.0										
7 Day Average																																
[--]	225	8	1	2	4	15	24	38	41	33	25	17	8	9	195	86.7	156	69.3	93	41.3	62.5	74.9										
Total Vehicles																																
[--]	1576	56	10	14	26	104	165	265	285	234	177	118	57	65	1366	86.7	1095	69.5	651	41.3	62.5	74.9										



Site 3A - Westbound Traffic



Site 3B - Eastbound Traffic



40720 Dublin ATCs																	
September 2011																	
Site	Location	Exact	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Posted Speed Limit (PSL)		110%(PSL) + 2 (SL1)		DfT PSL+15 (SL2)		Mean Speed	85%ile Speed
										>PSL	>PSL%	>SL1	>SL1%	>SL2	>SL2%		
3	Access Road , 60 metres West of Roundabout	N53.24677, W6.19.666	Eastbound	22 September 2011	28 September 2011	30	2190	422	313	1282	58.5	743	33.9	182	8.3	32.5	40.3
			Westbound	22 September 2011	28 September 2011		1989	382	284	1521	76.5	1029	51.7	131	6.6	34.9	41.4

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
22 September 2011														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	7	0	3	2	0	0	1	0	1	0	0	0	0	0
08:00	31	0	6	4	0	1	0	0	13	2	1	3	0	1
09:00	43	0	30	0	0	0	1	0	9	0	0	2	0	1
10:00	29	0	18	5	0	0	0	0	3	0	1	2	0	0
11:00	55	0	36	2	0	0	1	0	2	1	2	8	0	3
12:00	38	0	20	1	0	0	1	0	7	0	2	7	0	0
13:00	42	1	28	3	0	1	0	0	4	2	2	1	0	0
14:00	39	0	23	4	0	0	1	0	3	2	2	3	0	1
15:00	43	0	26	4	0	0	1	0	6	0	3	3	0	0
16:00	43	0	31	3	0	0	0	0	5	0	1	2	0	1
17:00	15	0	14	1	0	0	0	0	0	0	0	0	0	0
18:00	3	0	2	0	0	0	1	0	0	0	0	0	0	0
19:00	11	0	10	0	0	0	0	0	1	0	0	0	0	0
20:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
21:00	8	0	7	1	0	0	0	0	0	0	0	0	0	0
22:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07-19	388	1	237	29	0	2	7	0	53	7	14	31	0	7
06-22	410	1	257	30	0	2	7	0	54	7	14	31	0	7
06-00	414	1	261	30	0	2	7	0	54	7	14	31	0	7
00-00	418	1	265	30	0	2	7	0	54	7	14	31	0	7

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
23 September 2011														
00:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
01:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
02:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
03:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
04:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07:00	14	0	8	0	0	1	0	0	4	0	0	0	0	1
08:00	56	1	33	8	0	0	0	0	6	2	2	3	0	1
09:00	55	0	37	5	0	0	0	0	6	1	3	3	0	0
10:00	54	0	33	3	0	0	1	0	7	2	3	4	0	1
11:00	39	0	14	2	0	0	1	0	15	2	2	1	0	2
12:00	40	0	17	2	0	1	1	0	11	2	2	3	0	1
13:00	41	1	18	4	0	0	0	0	7	4	3	4	0	0
14:00	51	0	32	5	1	0	0	0	8	0	3	2	0	0
15:00	43	0	26	3	0	0	1	0	3	2	3	4	0	1
16:00	29	1	18	2	0	0	0	0	3	2	2	1	0	0
17:00	19	0	18	1	0	0	0	0	0	0	0	0	0	0
18:00	8	0	6	1	0	0	1	0	0	0	0	0	0	0
19:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
20:00	3	0	2	0	0	0	0	0	1	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	449	3	260	36	1	2	5	0	70	17	23	25	0	7
06-22	458	3	268	36	1	2	5	0	71	17	23	25	0	7
06-00	459	3	269	36	1	2	5	0	71	17	23	25	0	7
00-00	477	3	287	36	1	2	5	0	71	17	23	25	0	7

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
24 September 2011														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
03:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
09:00	6	0	4	0	0	0	0	0	2	0	0	0	0	0
10:00	5	0	3	0	0	0	0	0	2	0	0	0	0	0
11:00	5	0	3	0	0	0	0	0	1	0	1	0	0	0
12:00	9	0	6	1	0	0	0	0	1	1	0	0	0	0
13:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	6	1	5	0	0	0	0	0	0	0	0	0	0	0
16:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
17:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
19:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
20:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	40	1	30	1	0	0	0	0	6	1	1	0	0	0
06-22	45	1	35	1	0	0	0	0	6	1	1	0	0	0
06-00	45	1	35	1	0	0	0	0	6	1	1	0	0	0
00-00	50	1	40	1	0	0	0	0	6	1	1	0	0	0

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
25 September 2011														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07:00	2	0	1	0	0	0	0	0	1	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
13:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
14:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
15:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
19:00	6	0	5	0	0	0	1	0	0	0	0	0	0	0
20:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
23:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
07-19	10	0	9	0	0	0	0	0	1	0	0	0	0	0
06-22	19	0	17	0	0	0	1	0	1	0	0	0	0	0
06-00	27	0	25	0	0	0	1	0	1	0	0	0	0	0
00-00	30	0	28	0	0	0	1	0	1	0	0	0	0	0

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
26 September 2011														
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
05:00	6	0	5	0	0	0	1	0	0	0	0	0	0	0
06:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0
07:00	7	0	3	1	0	0	1	0	2	0	0	0	0	0
08:00	30	0	18	3	0	0	0	0	8	0	0	1	0	0
09:00	41	0	24	6	0	0	1	0	8	1	0	1	0	0
10:00	44	0	33	4	0	0	0	0	4	1	2	0	0	0
11:00	44	0	31	4	0	0	0	0	4	1	2	2	0	0
12:00	46	0	23	7	0	0	0	1	9	2	2	2	0	0
13:00	28	0	14	2	0	0	1	0	7	0	1	3	0	0
14:00	32	0	16	4	0	0	1	0	9	1	0	1	0	0
15:00	30	0	13	6	0	0	2	0	6	1	1	1	0	0
16:00	42	1	29	7	0	1	1	0	1	0	1	1	0	0
17:00	31	0	26	1	0	0	0	0	1	0	0	3	0	0
18:00	14	0	10	3	0	0	1	0	0	0	0	0	0	0
19:00	9	0	8	0	0	0	0	0	1	0	0	0	0	0
20:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
21:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
07-19	389	1	240	48	0	1	8	1	59	7	9	15	0	0
06-22	403	1	252	49	0	1	8	1	60	7	9	15	0	0
06-00	407	1	256	49	0	1	8	1	60	7	9	15	0	0
00-00	420	1	268	49	0	1	9	1	60	7	9	15	0	0

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
27 September 2011														
00:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
01:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
02:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07:00	6	0	2	1	0	0	1	0	2	0	0	0	0	0
08:00	46	0	24	6	0	1	1	0	7	3	2	1	0	1
09:00	29	0	13	2	0	0	0	0	8	1	1	4	0	0
10:00	40	0	22	2	0	0	1	0	10	2	1	2	0	0
11:00	31	0	10	6	0	0	1	0	8	1	3	2	0	0
12:00	39	0	16	6	0	0	1	0	10	1	1	3	0	1
13:00	23	0	5	3	0	0	0	0	10	1	0	4	0	0
14:00	51	0	21	9	1	0	0	0	11	4	3	2	0	0
15:00	33	0	12	4	0	0	0	0	11	1	1	4	0	0
16:00	25	1	10	7	0	1	1	0	3	1	1	0	0	0
17:00	31	2	27	1	0	0	0	0	1	0	0	0	0	0
18:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
19:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
20:00	5	0	4	1	0	0	0	0	0	0	0	0	0	0
21:00	2	0	1	0	0	0	0	0	1	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
07-19	361	3	169	47	1	2	6	0	81	15	13	22	0	2
06-22	376	3	182	48	1	2	6	0	82	15	13	22	0	2
06-00	380	3	186	48	1	2	6	0	82	15	13	22	0	2
00-00	391	3	197	48	1	2	6	0	82	15	13	22	0	2

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Eastbound

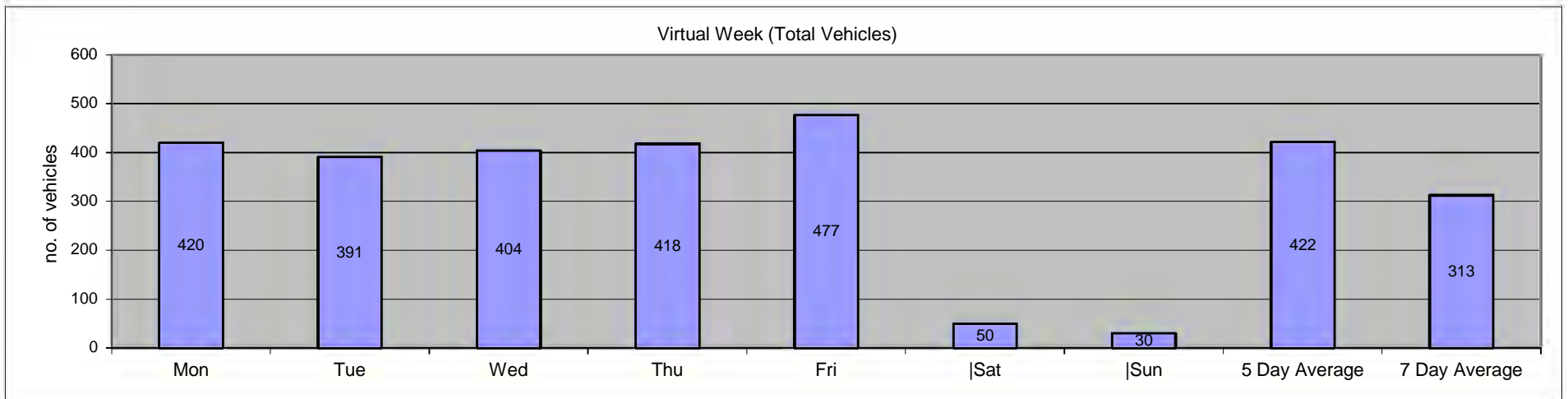
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
28 September 2011														
00:00	3	0	2	0	0	0	1	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
05:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07:00	3	0	0	2	0	0	0	0	1	0	0	0	0	0
08:00	42	0	23	1	0	0	1	0	10	1	1	4	0	1
09:00	42	0	16	3	0	0	1	0	11	3	1	7	0	0
10:00	26	0	6	4	0	0	1	0	11	1	1	2	0	0
11:00	45	0	26	2	0	0	1	0	15	1	0	0	0	0
12:00	35	0	13	5	0	2	0	0	10	1	1	2	0	1
13:00	33	0	10	4	0	0	1	0	15	1	1	1	0	0
14:00	36	0	7	6	0	0	1	0	15	2	0	5	0	0
15:00	39	0	17	4	0	1	0	0	10	2	2	3	0	0
16:00	36	0	19	6	0	0	1	0	8	1	0	1	0	0
17:00	21	1	15	1	0	1	0	0	1	0	2	0	0	0
18:00	11	0	8	1	0	0	2	0	0	0	0	0	0	0
19:00	12	0	11	0	0	0	0	0	0	1	0	0	0	0
20:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
21:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	369	1	160	39	0	4	9	0	107	13	9	25	0	2
06-22	386	1	176	39	0	4	9	0	107	14	9	25	0	2
06-00	387	1	177	39	0	4	9	0	107	14	9	25	0	2
00-00	404	1	193	39	0	4	10	0	107	14	9	25	0	2

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Average Day														
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07:00	6	0	3	1	0	0	0	0	2	0	0	0	0	0
08:00	29	0	15	3	0	0	0	0	6	1	1	2	0	1
09:00	31	0	18	2	0	0	0	0	6	1	1	2	0	0
10:00	28	0	16	3	0	0	0	0	5	1	1	1	0	0
11:00	31	0	17	2	0	0	1	0	6	1	1	2	0	1
12:00	30	0	14	3	0	0	0	0	7	1	1	2	0	0
13:00	25	0	12	2	0	0	0	0	6	1	1	2	0	0
14:00	30	0	14	4	0	0	0	0	7	1	1	2	0	0
15:00	28	0	14	3	0	0	1	0	5	1	1	2	0	0
16:00	25	0	15	4	0	0	0	0	3	1	1	1	0	0
17:00	17	0	15	1	0	0	0	0	0	0	0	0	0	0
18:00	6	0	5	1	0	0	1	0	0	0	0	0	0	0
19:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
20:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
21:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07-19	287	1	158	29	0	2	5	0	54	9	10	17	0	3
06-22	300	1	170	29	0	2	5	0	54	9	10	17	0	3
06-00	303	1	173	29	0	2	5	0	54	9	10	17	0	3
00-00	313	1	183	29	0	2	5	0	54	9	10	17	0	3

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Eastbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Virtual Week (1)														
Mon	420	1	268	49	0	1	9	1	60	7	9	15	0	0
Tue	391	3	197	48	1	2	6	0	82	15	13	22	0	2
Wed	404	1	193	39	0	4	10	0	107	14	9	25	0	2
Thu	418	1	265	30	0	2	7	0	54	7	14	31	0	7
Fri	477	3	287	36	1	2	5	0	71	17	23	25	0	7
|Sat	50	1	40	1	0	0	0	0	6	1	1	0	0	0
|Sun	30	0	28	0	0	0	1	0	1	0	0	0	0	0
5 Day Average														
[--]	422	2	242	40	0	2	7	0	75	12	14	24	0	4
7 Day Average														
[--]	313	1	183	29	0	2	5	0	54	9	10	17	0	3
Total Vehicles														
[--]	2190	10	1278	203	2	11	38	1	381	61	69	118	0	18



Average Weekday Day

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Eastbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
22 September 2011																																
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
03:00	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	100	0	0	0	0	33.4	-									
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
05:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	100	0	0	0	0	31.6	-									
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
07:00	7	0	0	0	3	1	0	2	1	0	0	0	0	0	4	57.1	3	42.9	1	14.3	35.3	-										
08:00	31	0	0	4	6	10	9	2	0	0	0	0	0	21	67.7	11	35.5	0	0	31.8	36.7											
09:00	43	0	3	0	3	22	13	2	0	0	0	0	0	37	86	15	34.9	0	0	32.8	36											
10:00	29	0	0	14	9	2	2	1	1	0	0	0	0	6	20.7	4	13.8	1	3.4	27.5	32											
11:00	55	0	3	37	11	3	0	1	0	0	0	0	0	4	7.3	1	1.8	0	0	24.3	27.4											
12:00	38	0	1	9	19	3	1	3	2	0	0	0	0	9	23.7	6	15.8	2	5.3	28.9	34.6											
13:00	42	0	0	8	17	4	9	4	0	0	0	0	0	17	40.5	13	31	0	0	30.8	37.4											
14:00	39	0	2	6	4	14	8	3	0	1	1	0	0	27	69.2	13	33.3	2	5.1	32.3	38.5											
15:00	43	0	0	10	13	6	11	0	2	0	0	1	0	20	46.5	14	32.6	3	7	31.2	37.8											
16:00	43	0	1	1	5	12	10	3	1	7	1	1	1	36	83.7	24	55.8	11	25.6	38.5	50.4											
17:00	15	0	0	0	1	0	2	4	6	2	0	0	0	14	93.3	14	93.3	8	53.3	43.8	48.2											
18:00	3	0	0	0	0	1	1	0	1	0	0	0	0	3	100	2	66.7	1	33.3	38	-											
19:00	11	0	0	0	2	2	5	1	1	0	0	0	0	9	81.8	7	63.6	1	9.1	36.4	39.6											
20:00	3	0	0	0	0	1	2	0	0	0	0	0	0	3	100	2	66.7	0	0	37.3	-											
21:00	8	0	0	0	0	1	2	1	1	1	1	1	0	8	100	7	87.5	4	50	45.9	-											
22:00	2	0	0	0	1	1	0	0	0	0	0	0	0	1	50	0	0	0	0	31	-											
23:00	2	0	0	0	0	1	1	0	0	0	0	0	0	2	100	1	50	0	0	33.4	-											
07-19	388	0	10	89	91	78	66	25	14	10	2	2	1	198	51	120	30.9	29	7.5	31.4	39.2											
06-22	410	0	10	89	93	82	75	27	16	11	3	3	1	218	53.2	136	33.2	34	8.3	31.9	40											
06-00	414	0	10	89	94	84	76	27	16	11	3	3	1	221	53.4	137	33.1	34	8.2	31.9	40											
00-00	418	0	10	89	94	88	76	27	16	11	3	3	1	225	53.8	137	32.8	34	8.1	31.9	39.6											

40720 Dublin ATCs																Site															Location		Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)															
22 September 2011		to														28 September 2011														Direction	Eastbound																	
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed																									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT																												
23 September 2011																																																
00:00	4	0	0	0	0	3	1	0	0	0	0	0	0	0	4	100	1	25	0	0	34.9	-																										
01:00	2	0	0	0	0	2	0	0	0	0	0	0	0	0	2	100	0	0	0	0	31.2	-																										
02:00	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.1	-																										
03:00	2	0	0	0	1	0	0	0	1	0	0	0	0	0	1	50	1	50	1	50	37.7	-																										
04:00	5	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.2	-																										
05:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.1	-																										
06:00	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	100	1	100	1	100	51.3	-																										
07:00	14	0	0	0	7	4	1	2	0	0	0	0	0	0	7	50	3	21.4	0	0	32	38.5																										
08:00	56	0	3	20	21	6	3	3	0	0	0	0	0	0	12	21.4	6	10.7	0	0	26.8	31.3																										
09:00	55	0	5	7	20	21	2	0	0	0	0	0	0	0	23	41.8	2	3.6	0	0	28.2	33.1																										
10:00	54	0	0	6	19	14	12	3	0	0	0	0	0	0	29	53.7	15	27.8	0	0	30.7	36																										
11:00	39	0	1	9	6	15	5	2	1	0	0	0	0	0	23	59	8	20.5	1	2.6	30.4	37.4																										
12:00	40	0	1	3	9	17	8	1	1	0	0	0	0	0	27	67.5	10	25	1	2.5	32.2	38.9																										
13:00	41	0	7	4	8	11	7	3	1	0	0	0	0	0	22	53.7	11	26.8	1	2.4	30.4	38.5																										
14:00	51	0	1	7	21	13	8	0	1	0	0	0	0	0	22	43.1	9	17.6	1	2	29.6	35.3																										
15:00	43	0	2	2	12	11	5	7	3	1	0	0	0	0	27	62.8	16	37.2	4	9.3	33.5	44.3																										
16:00	29	0	0	3	3	5	4	4	4	3	1	2	0	0	23	79.3	18	62.1	10	34.5	40.3	53.6																										
17:00	19	0	1	1	1	0	5	3	3	4	0	1	0	0	16	84.2	16	84.2	8	42.1	41.3	51.5																										
18:00	8	0	0	0	1	4	2	1	0	0	0	0	0	0	7	87.5	3	37.5	0	0	34.8	-																										
19:00	5	0	0	0	0	1	3	1	0	0	0	0	0	0	5	100	4	80	0	0	38.4	-																										
20:00	3	1	0	0	1	0	1	0	0	0	0	0	0	0	1	33.3	1	33.3	0	0	24.6	-																										
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																										
22:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.6	-																										
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																										
07-19	449	0	21	62	128	121	62	29	14	8	1	3	0	0	238	53	117	26.1	26	5.8	31.3	38.5																										
06-22	458	1	21	62	129	122	66	30	14	9	1	3	0	0	245	53.5	123	26.9	27	5.9	31.4	38.9																										
06-00	459	1	21	63	129	122	66	30	14	9	1	3	0	0	245	53.4	123	26.8	27	5.9	31.4	38.9																										
00-00	477	2	22	66	135	127	67	30	15	9	1	3	0	0	252	52.8	125	26.2	28	5.9	31.2	38.9																										

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Eastbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35	35	45	45												
24 September 2011																																
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
01:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	100	0	0	0	0	33.6	-									
02:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	100	0	0	0	0	32.8	-									
03:00	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	100	2	100	0	0	41.2	-									
04:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	100	0	0	0	0	33.3	-									
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
06:00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.3	-									
07:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	1	100	0	0	37.9	-									
08:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	100	0	0	0	0	30.4	-									
09:00	6	0	0	0	2	0	3	0	0	0	0	1	0	0	0	4	66.7	4	66.7	1	16.7	38.7	-									
10:00	5	0	0	2	2	1	0	0	0	0	0	0	0	0	1	20	0	0	0	0	26.7	-										
11:00	5	0	0	1	3	1	0	0	0	0	0	0	0	0	1	20	0	0	0	0	27.7	-										
12:00	9	0	0	2	0	1	3	0	2	0	0	0	1	0	7	77.8	6	66.7	3	33.3	39.2	-										
13:00	4	0	0	0	0	0	2	0	0	2	0	0	0	0	4	100	4	100	2	50	45.5	-										
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
15:00	6	0	0	1	0	4	1	0	0	0	0	0	0	0	5	83.3	1	16.7	0	0	32.5	-										
16:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	0	0	0	0	30.9	-										
17:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	0	0	0	0	33.4	-										
18:00	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	100	1	100	1	100	49	-										
19:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.1	-										
20:00	2	0	0	0	0	1	0	0	0	1	0	0	0	0	2	100	1	50	1	50	44.4	-										
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
07-19	40	0	0	6	7	10	10	0	3	2	0	1	1	0	27	67.5	17	42.5	7	17.5	35.4	48.2										
06-22	45	0	0	6	10	11	10	0	3	3	0	1	1	0	29	64.4	18	40	8	17.8	35.3	48.2										
06-00	45	0	0	6	10	11	10	0	3	3	0	1	1	0	29	64.4	18	40	8	17.8	35.3	48.2										
00-00	50	0	0	6	10	14	10	2	3	3	0	1	1	0	34	68	20	40	8	16	35.4	48.2										

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)									
22 September 2011		to														28 September 2011		Direction	Eastbound									
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed					
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT								
25 September 2011																												
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-						
01:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	1	100	0	0	35.9	-					
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-					
03:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	0	0	0	0	33	-						
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-					
05:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	1	100	0	0	36.1	-						
06:00	1	0	0	0	0	1	0	0	0	0	0	0	0	1	100	0	0	0	0	34	-							
07:00	2	0	0	0	1	0	1	0	0	0	0	0	0	1	50	1	50	0	0	31.9	-							
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-						
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-						
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-						
11:00	1	0	0	0	0	0	0	1	0	0	0	0	0	1	100	1	100	0	0	41.6	-							
12:00	1	0	0	0	0	0	1	0	0	0	0	0	0	1	100	1	100	0	0	39.7	-							
13:00	2	0	0	0	0	0	1	1	0	0	0	0	0	2	100	2	100	0	0	40.3	-							
14:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.4	-							
15:00	1	0	0	0	0	0	0	0	1	0	0	0	0	1	100	1	100	1	100	46.2	-							
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-							
17:00	1	0	0	0	0	0	1	0	0	0	0	0	0	1	100	1	100	0	0	38.6	-							
18:00	1	0	0	0	0	0	0	0	1	0	0	0	0	1	100	1	100	1	100	48.8	-							
19:00	6	0	0	0	0	4	2	0	0	0	0	0	0	6	100	2	33.3	0	0	33.8	-							
20:00	2	0	0	0	0	1	0	1	0	0	0	0	0	2	100	1	50	0	0	38.5	-							
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-							
22:00	5	0	0	0	0	2	3	0	0	0	0	0	0	5	100	3	60	0	0	35.3	-							
23:00	3	0	0	2	0	1	0	0	0	0	0	0	0	1	33.3	0	0	0	0	24.9	-							
07-19	10	0	0	0	2	0	4	2	2	0	0	0	0	8	80	8	80	2	20	38.8	-							
06-22	19	0	0	0	2	6	6	3	2	0	0	0	0	17	89.5	11	57.9	2	10.5	36.9	41.8							
06-00	27	0	0	2	2	9	9	3	2	0	0	0	0	23	85.2	14	51.9	2	7.4	35.3	41.4							
00-00	30	0	0	2	2	10	11	3	2	0	0	0	0	26	86.7	16	53.3	2	6.7	35.3	41.4							

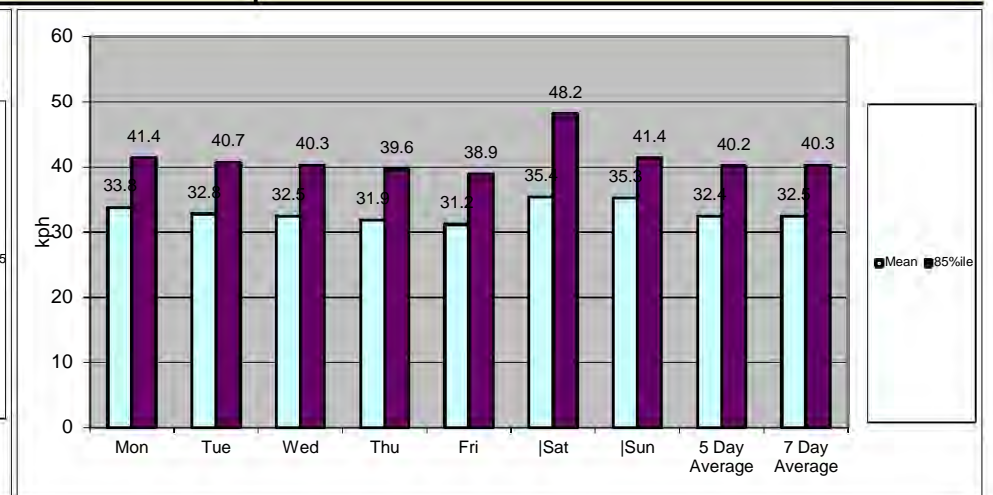
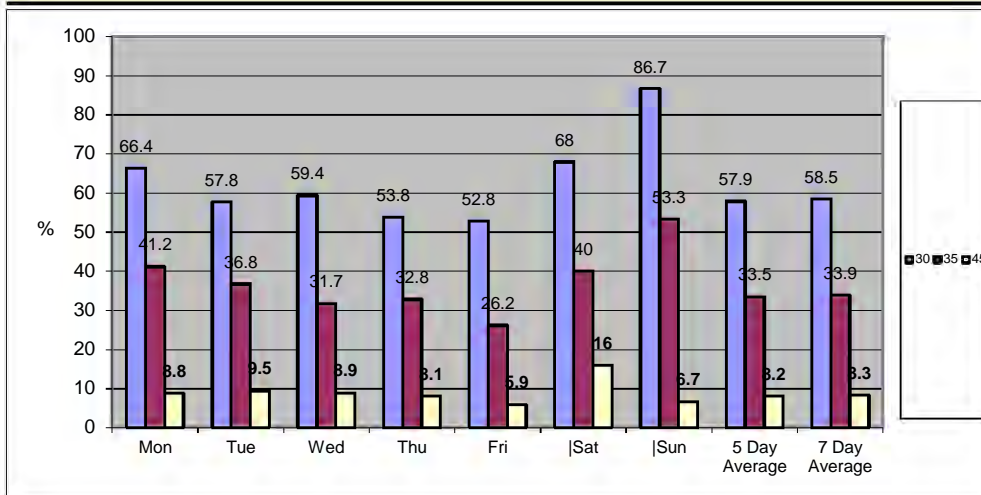
40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Eastbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
26 September 2011																																
00:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.6	-										
01:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.4	-										
02:00	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	-										
03:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.8	-										
04:00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.2	-										
05:00	6	2	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.8	-										
06:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29.1	-										
07:00	7	0	0	0	2	2	1	2	0	0	0	0	0	0	0	5	71.4	3	42.9	0	0	35.1	-									
08:00	30	1	0	8	14	1	6	0	0	0	0	0	0	0	7	23.3	6	20	0	0	27.8	36										
09:00	41	0	1	5	8	9	15	3	0	0	0	0	0	0	27	65.9	18	43.9	0	0	32.6	39.2										
10:00	44	0	0	0	1	11	15	14	2	0	1	0	0	0	43	97.7	32	72.7	3	6.8	38.2	42.1										
11:00	44	0	0	6	5	17	8	6	2	0	0	0	0	0	33	75	16	36.4	2	4.5	33.6	40										
12:00	46	0	2	1	13	16	12	1	1	0	0	0	0	0	30	65.2	14	30.4	1	2.2	32	37.1										
13:00	28	1	0	1	10	14	2	0	0	0	0	0	0	0	16	57.1	2	7.1	0	0	30.1	33.8										
14:00	32	0	0	3	7	5	11	3	2	1	0	0	0	0	22	68.8	17	53.1	3	9.4	35	41.4										
15:00	30	0	0	1	4	11	11	3	0	0	0	0	0	0	25	83.3	14	46.7	0	0	33.8	38.2										
16:00	42	0	4	3	5	14	6	2	7	1	0	0	0	0	30	71.4	16	38.1	8	19	34.1	45.4										
17:00	31	0	0	0	3	1	4	9	7	2	4	1	0	0	28	90.3	27	87.1	14	45.2	44.1	50.8										
18:00	14	0	0	1	3	2	1	1	3	3	0	0	0	0	10	71.4	8	57.1	6	42.9	39.6	50.8										
19:00	9	0	0	0	6	3	0	0	0	0	0	0	0	0	3	33.3	0	0	0	0	30.3	-										
20:00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	-										
21:00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26.1	-										
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
23:00	4	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.9	-										
07-19	389	2	7	29	75	103	92	44	24	7	5	1	0	0	276	71	173	44.5	37	9.5	34.4	41.8										
06-22	403	2	7	29	86	106	92	44	24	7	5	1	0	0	279	69.2	173	42.9	37	9.2	34.2	41.4										
06-00	407	2	7	31	88	106	92	44	24	7	5	1	0	0	279	68.6	173	42.5	37	9.1	34.1	41.4										
00-00	420	4	9	33	95	106	92	44	24	7	5	1	0	0	279	66.4	173	41.2	37	8.8	33.8	41.4										

40720 Dublin ATCs																Site	3	Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)																					
22 September 2011		to														28 September 2011														Direction	Eastbound	Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Speed	Speed																	
27 September 2011																																							
00:00	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.2	-																	
01:00	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.9	-																	
02:00	3	0	1	0	0	1	1	0	0	0	0	0	0	0	2	66.7	1	33.3	0	0	29.3	-																	
03:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	0	0	0	0	33.7	-																	
04:00	2	0	1	0	0	1	0	0	0	0	0	0	0	0	1	50	0	0	0	0	23.9	-																	
05:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.9	-																	
06:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	100	1	100	0	0	43.6	-																	
07:00	6	0	1	0	1	2	1	1	0	0	0	0	0	0	4	66.7	2	33.3	0	0	31.6	-																	
08:00	46	0	1	13	14	6	11	1	0	0	0	0	0	18	39.1	12	26.1	0	0	29	35.3																		
09:00	29	1	2	3	6	7	7	2	1	0	0	0	0	17	58.6	10	34.5	1	3.4	30.8	37.1																		
10:00	40	0	0	4	17	12	5	1	0	1	0	0	0	19	47.5	7	17.5	1	2.5	30.8	36																		
11:00	31	0	0	5	8	10	6	2	0	0	0	0	0	18	58.1	8	25.8	0	0	31.6	35.3																		
12:00	39	0	7	1	8	11	6	3	2	1	0	0	0	23	59	12	30.8	3	7.7	31.2	38.9																		
13:00	23	0	0	0	10	4	5	2	2	0	0	0	0	13	56.5	9	39.1	2	8.7	32.9	40.3																		
14:00	51	0	1	6	17	8	14	4	1	0	0	0	0	27	52.9	19	37.3	1	2	31.5	37.8																		
15:00	33	0	0	5	10	9	4	2	2	0	1	0	0	18	54.5	9	27.3	3	9.1	32.4	37.1																		
16:00	25	0	0	2	5	3	6	3	3	2	1	0	0	18	72	15	60	6	24	37.5	48.6																		
17:00	31	0	0	1	1	4	5	7	4	3	3	1	0	29	93.5	25	80.6	13	41.9	44.7	55.4																		
18:00	7	0	0	0	0	0	1	1	2	3	0	0	0	7	100	7	100	5	71.4	47.6	-																		
19:00	7	0	0	0	2	1	2	1	0	1	0	0	0	5	71.4	4	57.1	1	14.3	36.4	-																		
20:00	5	0	0	0	2	2	0	0	1	0	0	0	0	3	60	1	20	1	20	33.3	-																		
21:00	2	0	0	0	0	0	1	1	0	0	0	0	0	2	100	2	100	0	0	38.9	-																		
22:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.7	-																		
23:00	3	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.4	-																		
07-19	361	1	12	40	97	76	71	29	17	10	5	1	0	211	58.4	135	37.4	35	9.7	33.1	41																		
06-22	376	1	12	40	101	79	74	32	18	11	5	1	0	222	59	143	38	37	9.8	33.2	41																		
06-00	380	1	13	41	103	79	74	32	18	11	5	1	0	222	58.4	143	37.6	37	9.7	33.1	41																		
00-00	391	2	15	45	103	82	75	32	18	11	5	1	0	226	57.8	144	36.8	37	9.5	32.8	40.7																		

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Eastbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
28 September 2011																																
0000	3	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.5	-											
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.4	-											
02:00	4	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.6	-											
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-											
04:00	4	0	0	1	1	1	1	0	0	0	0	0	0	0	0	2	50	1	25	0	0	29.9	-									
05:00	5	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.2	-									
06:00	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	100	1	100	1	100	55.1	-									
07:00	3	0	0	0	1	1	0	0	1	0	0	0	0	0	0	2	66.7	1	33.3	1	33.3	35.1	-									
08:00	42	0	0	10	8	15	8	1	0	0	0	0	0	0	24	57.1	9	21.4	0	0	30.2	35.6										
09:00	42	0	0	7	8	16	4	4	2	1	0	0	0	0	27	64.3	11	26.2	3	7.1	32.4	41										
10:00	26	0	1	4	10	7	2	1	1	0	0	0	0	0	11	42.3	4	15.4	1	3.8	29.9	34.2										
11:00	45	0	5	6	7	15	8	3	0	0	1	0	0	0	27	60	12	26.7	1	2.2	30.8	35.6										
12:00	35	1	2	1	16	7	6	1	1	0	0	0	0	0	15	42.9	8	22.9	1	2.9	29.6	36										
13:00	33	0	0	6	9	10	4	3	1	0	0	0	0	0	18	54.5	8	24.2	1	3	31.4	38.2										
14:00	36	0	1	7	9	10	5	3	0	1	0	0	0	0	19	52.8	9	25	1	2.8	30.7	37.1										
15:00	39	0	1	3	12	11	5	4	1	2	0	0	0	0	23	59	12	30.8	3	7.7	32.8	40.3										
16:00	36	0	0	2	5	8	7	4	6	0	2	1	1	0	29	80.6	21	58.3	10	27.8	39	49										
17:00	21	0	1	0	1	4	5	5	4	1	0	0	0	0	19	90.5	15	71.4	5	23.8	38.7	45.4										
18:00	11	0	0	0	1	2	1	2	4	0	1	0	0	0	10	90.9	8	72.7	5	45.5	42	49.3										
19:00	12	0	0	0	3	2	3	2	1	1	0	0	0	0	9	75	7	58.3	2	16.7	37.1	42.5										
20:00	3	0	0	0	0	3	0	0	0	0	0	0	0	0	3	100	0	0	0	0	33.6	-										
21:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.1	-										
22:00	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	100	1	100	1	100	59.2	-										
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
07-19	369	1	11	46	87	106	55	31	21	5	4	1	1	0	224	60.7	118	32	32	8.7	32.6	40.3										
06-22	386	1	11	46	91	111	58	33	22	6	5	1	1	0	237	61.4	126	32.6	35	9.1	32.8	40.7										
06-00	387	1	11	46	91	111	58	33	22	6	6	1	1	0	238	61.5	127	32.8	36	9.3	32.9	40.7										
00-00	404	1	17	50	96	112	59	33	22	6	6	1	1	0	240	59.4	128	31.7	36	8.9	32.5	40.3										

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Eastbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
Average Day																																
0000	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	40	0	10	0	0	27.2	-										
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	50	0	12.5	0	0	27.3	-										
02:00	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	21.4	0	7.1	0	0	26.1	-										
03:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	80	0	30	0	10	35.1	-										
04:00	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	28.6	0	7.1	0	0	25.6	-										
05:00	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	13.3	0	6.7	0	0	22.1	-										
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	57.1	0	42.9	0	28.6	38.2	-										
07:00	6	0	0	0	2	1	1	1	0	0	0	0	0	0	3	60	2	35	0	5	33.5	-										
08:00	29	0	1	8	9	6	5	1	0	0	0	0	0	0	12	40.3	6	21.4	0	0	28.9	35.6										
09:00	31	0	2	3	7	11	6	2	0	0	0	0	0	0	19	62.5	9	27.8	1	2.3	31.4	37.1										
10:00	28	0	0	4	8	7	5	3	1	0	0	0	0	0	16	55.1	9	31.3	1	3	31.7	38.9										
11:00	31	0	1	9	6	9	4	2	0	0	0	0	0	0	15	48.6	7	20.9	1	1.8	29.7	36.7										
12:00	30	0	2	2	9	8	5	1	1	0	0	0	0	0	16	53.8	8	27.4	2	5.3	31.3	38.5										
13:00	25	0	1	3	8	6	4	2	1	0	0	0	0	0	13	53.2	7	28.3	1	3.5	31.4	38.5										
14:00	30	0	1	4	8	7	7	2	1	0	0	0	0	0	17	55.7	10	31.9	1	3.8	31.6	38.2										
15:00	28	0	0	3	7	7	5	2	1	0	0	0	0	0	17	61	10	34.4	2	7.2	32.7	40.3										
16:00	25	0	1	2	3	6	5	2	3	2	1	1	0	0	20	77.8	13	53.4	6	25.6	37.6	49.3										
17:00	17	0	0	0	1	1	3	4	3	2	1	0	0	0	15	90.8	14	82.4	7	40.3	42.7	51.5										
18:00	6	0	0	0	1	1	1	1	2	1	0	0	0	0	6	86.7	4	66.7	3	42.2	40.9	-										
19:00	7	0	0	0	2	2	2	1	0	0	0	0	0	0	5	72.5	3	47.1	1	7.8	35.2	-										
20:00	3	0	0	0	1	1	0	0	0	0	0	0	0	0	2	70	1	30	0	10	33.6	-										
21:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	76.9	1	69.2	1	30.8	40.2	-										
22:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	70	1	40	0	10	35.1	-										
23:00	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	25	0	8.3	0	0	25.7	-										
07-19	287	1	9	39	70	71	51	23	14	6	2	1	0	0	169	58.9	98	34.3	24	8.4	32.6	40.3										
06-22	300	1	9	39	73	74	54	24	14	7	3	1	0	0	178	59.5	104	34.8	26	8.6	32.7	40.7										
06-00	303	1	9	40	74	75	55	24	14	7	3	1	0	0	180	59.3	105	34.7	26	8.5	32.7	40.3										
00-00	313	1	10	42	76	77	56	24	14	7	3	1	0	0	183	58.5	106	33.9	26	8.3	32.5	40.3										

40720 Dublin ATCs										Site	3										Location	Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)									
22 September 2011					to					28 September 2011					Direction	Eastbound					Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile			
Time Period	Total Vehicles	0	15	20	25	30	35	40	45	50	55	60	65	70	30	30	35	35	45	45	Mean Speed	85%ile Speed									
		15	20	25	30	35	40	45	50	55	60	65	70	75			ACPO	ACPO	DFT	DFT											
Virtual Week (1)																															
Mon	420	4	9	33	95	106	92	44	24	7	5	1	0	0	279	66.4	173	41.2	37	8.8	33.8	41.4									
Tue	391	2	15	45	103	82	75	32	18	11	5	1	0	2	226	57.8	144	36.8	37	9.5	32.8	40.7									
Wed	404	1	17	50	96	112	59	33	22	6	6	1	1	0	240	59.4	128	31.7	36	8.9	32.5	40.3									
Thu	418	0	10	89	94	88	76	27	16	11	3	3	1	0	225	53.8	137	32.8	34	8.1	31.9	39.6									
Fri	477	2	22	66	135	127	67	30	15	9	1	3	0	0	252	52.8	125	26.2	28	5.9	31.2	38.9									
|Sat	50	0	0	6	10	14	10	2	3	3	0	1	1	0	34	68	20	40	8	16	35.4	48.2									
|Sun	30	0	0	2	2	10	11	3	2	0	0	0	0	0	26	86.7	16	53.3	2	6.7	35.3	41.4									
5 Day Average																															
[--]	422	2	15	57	105	103	74	33	19	9	4	2	0	0	244	57.9	141	33.5	34	8.2	32.4	40.2									
7 Day Average																															
[--]	313	1	10	42	76	77	56	24	14	7	3	1	0	0	183	58.5	106	33.9	26	8.3	32.5	40.3									
Total Vehicles																															
[--]	2190	9	73	291	535	539	390	171	100	47	20	10	3	2	1282	58.5	743	33.9	182	8.3	32.5	40.3									



40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
22 September 2011														
0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	3	0	1	0	0	0	0	0	2	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	6	0	5	0	0	0	1	0	0	0	0	0	0	0
07:00	42	0	30	4	0	1	1	0	6	0	0	0	0	0
08:00	34	1	21	3	0	0	2	0	7	0	0	0	0	0
09:00	24	1	6	2	0	0	3	0	9	0	2	1	0	0
10:00	36	0	13	7	0	0	0	0	14	0	0	2	0	0
11:00	33	1	11	1	0	0	2	0	14	1	1	2	0	0
12:00	38	0	19	1	1	0	1	0	14	0	0	2	0	0
13:00	23	0	7	2	0	0	0	0	13	0	0	1	0	0
14:00	36	0	8	7	0	0	1	0	19	0	0	1	0	0
15:00	37	1	12	3	0	0	2	0	17	0	0	2	0	0
16:00	20	0	4	5	0	0	0	0	9	1	0	1	0	0
17:00	4	0	0	0	0	1	1	0	2	0	0	0	0	0
18:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
19:00	5	0	4	0	0	0	0	0	1	0	0	0	0	0
20:00	4	0	2	0	0	0	1	0	1	0	0	0	0	0
21:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
22:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07-19	329	4	133	35	1	2	13	0	124	2	3	12	0	0
06-22	347	4	147	35	1	2	15	0	126	2	3	12	0	0
06-00	352	4	152	35	1	2	15	0	126	2	3	12	0	0
00-00	355	4	153	35	1	2	15	0	128	2	3	12	0	0

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
23 September 2011														
00:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
01:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
02:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
03:00	3	0	1	0	0	0	0	0	2	0	0	0	0	0
04:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
05:00	3	0	2	0	0	0	0	0	0	0	0	1	0	0
06:00	10	0	9	0	0	0	0	0	1	0	0	0	0	0
07:00	33	1	16	2	0	0	2	0	7	0	1	4	0	0
08:00	42	1	23	10	0	0	0	0	7	0	0	1	0	0
09:00	45	0	19	7	0	0	1	0	17	0	0	0	0	1
10:00	39	0	13	3	0	0	0	0	19	1	1	2	0	0
11:00	39	0	16	1	0	0	0	0	19	0	1	2	0	0
12:00	39	1	11	2	0	1	2	0	21	0	0	1	0	0
13:00	48	0	14	5	1	0	1	0	23	1	0	2	0	1
14:00	35	1	5	5	0	0	3	0	17	0	2	2	0	0
15:00	18	0	5	4	0	0	1	0	7	0	1	0	0	0
16:00	17	0	5	1	0	0	0	0	9	0	0	1	0	1
17:00	14	0	10	0	0	0	1	0	1	0	2	0	0	0
18:00	4	0	3	0	0	0	0	0	1	0	0	0	0	0
19:00	2	0	1	0	0	0	0	0	1	0	0	0	0	0
20:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07-19	373	4	140	40	1	1	11	0	148	2	8	15	0	3
06-22	387	4	152	40	1	1	11	0	150	2	8	15	0	3
06-00	389	4	154	40	1	1	11	0	150	2	8	15	0	3
00-00	405	4	167	40	1	1	11	0	152	2	8	16	0	3

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
24 September 2011														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	0	1	0	0	0	0	0	1	0	0	0	0	0
03:00	2	0	1	0	0	0	0	0	1	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	7	0	6	0	0	0	1	0	0	0	0	0	0	0
07:00	4	1	3	0	0	0	0	0	0	0	0	0	0	0
08:00	4	0	2	0	0	0	1	0	1	0	0	0	0	0
09:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
10:00	7	0	6	0	0	0	0	0	1	0	0	0	0	0
11:00	4	0	1	0	0	0	0	0	2	0	0	1	0	0
12:00	4	0	1	1	0	0	0	0	2	0	0	0	0	0
13:00	2	0	1	0	0	0	0	0	1	0	0	0	0	0
14:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
15:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
18:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
19:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
20:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	36	1	25	1	0	0	1	0	7	0	0	1	0	0
06-22	47	1	35	1	0	0	2	0	7	0	0	1	0	0
06-00	47	1	35	1	0	0	2	0	7	0	0	1	0	0
00-00	52	1	38	1	0	0	2	0	9	0	0	1	0	0

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
25 September 2011														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
08:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
13:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
18:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
19:00	6	0	5	0	0	0	0	0	0	0	0	1	0	0
20:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07-19	10	0	10	0	0	0	0	0	0	0	0	0	0	0
06-22	20	0	19	0	0	0	0	0	0	0	0	1	0	0
06-00	27	0	26	0	0	0	0	0	0	0	0	1	0	0
00-00	29	0	27	0	0	0	1	0	0	0	0	1	0	0

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
26 September 2011															
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
01:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
04:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
05:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0	
06:00	7	1	4	1	0	0	1	0	0	0	0	0	0	0	
07:00	21	0	14	2	0	0	0	0	5	0	0	0	0	0	
08:00	32	0	15	7	0	0	1	0	6	0	1	2	0	0	
09:00	30	0	10	7	0	0	1	0	9	1	0	1	0	1	
10:00	32	0	10	7	0	0	2	0	10	1	0	2	0	0	
11:00	32	0	14	3	0	0	0	0	14	1	0	0	0	0	
12:00	39	0	12	6	0	0	1	0	17	1	0	2	0	0	
13:00	33	0	8	3	0	0	3	0	16	1	2	0	0	0	
14:00	24	0	8	4	0	0	0	0	12	0	0	0	0	0	
15:00	26	0	7	4	0	1	0	0	11	0	0	3	0	0	
16:00	31	0	12	8	0	1	0	1	8	0	0	0	0	1	
17:00	11	0	4	0	0	1	1	0	2	0	1	1	0	1	
18:00	6	0	3	1	0	0	0	0	2	0	0	0	0	0	
19:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0	
20:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
21:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
23:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
07-19	317	0	117	52	0	3	9	1	112	5	4	11	0	3	
06-22	332	1	129	53	0	3	10	1	112	5	4	11	0	3	
06-00	336	1	133	53	0	3	10	1	112	5	4	11	0	3	
00-00	351	1	148	53	0	3	10	1	112	5	4	11	0	3	

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
27 September 2011														
00:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
01:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
02:00	2	0	1	0	0	0	0	0	1	0	0	0	0	0
03:00	2	0	1	0	0	0	0	0	1	0	0	0	0	0
04:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
06:00	6	0	5	0	0	0	1	0	0	0	0	0	0	0
07:00	33	3	20	2	0	0	4	0	3	0	0	1	0	0
08:00	38	0	23	9	0	0	2	0	3	0	0	1	0	0
09:00	47	0	26	4	0	0	1	0	11	1	0	2	0	2
10:00	23	0	8	3	0	0	2	0	9	1	0	0	0	0
11:00	38	0	15	5	0	0	1	0	13	0	1	2	0	1
12:00	35	0	10	8	0	0	1	0	16	0	0	0	0	0
13:00	36	0	15	3	0	0	1	0	13	0	1	3	0	0
14:00	44	0	15	8	1	0	2	0	17	0	1	0	0	0
15:00	27	0	4	3	1	0	1	0	17	1	0	0	0	0
16:00	18	0	6	4	0	1	0	0	7	0	0	0	0	0
17:00	9	0	5	0	0	0	0	0	3	0	0	1	0	0
18:00	3	0	1	0	0	0	0	0	2	0	0	0	0	0
19:00	6	0	5	0	0	0	0	0	0	0	0	1	0	0
20:00	5	0	4	1	0	0	0	0	0	0	0	0	0	0
21:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
22:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
23:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
07-19	351	3	148	49	2	1	15	0	114	3	3	10	0	3
06-22	369	3	163	50	2	1	16	0	114	3	3	11	0	3
06-00	374	3	168	50	2	1	16	0	114	3	3	11	0	3
00-00	386	3	178	50	2	1	16	0	116	3	3	11	0	3

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Westbound

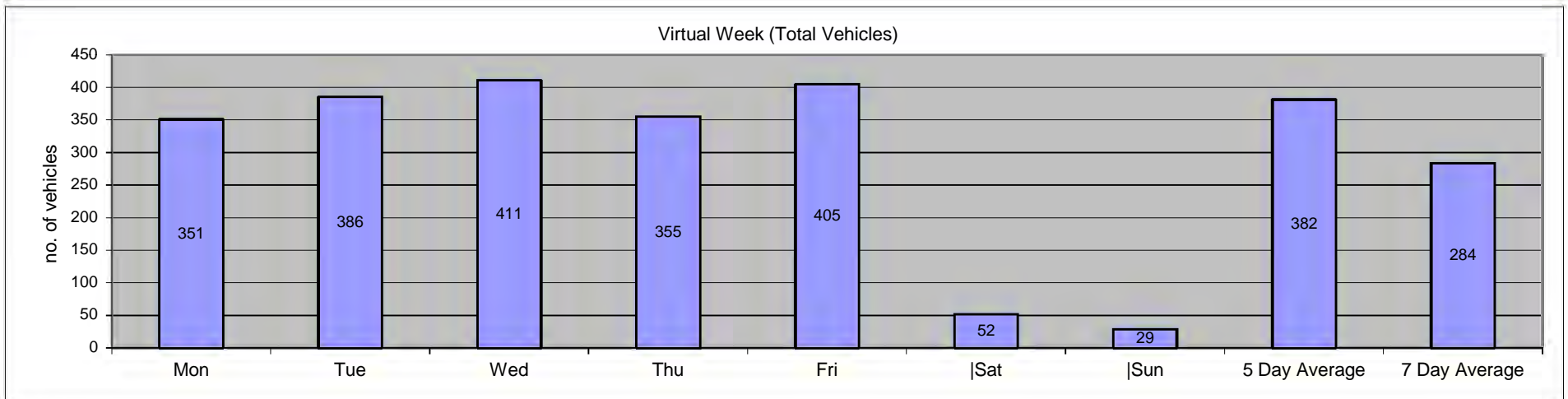
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
28 September 2011														
00:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	0	0	0	0	0	0	0	0	0	1	0	0
04:00	4	0	3	0	0	0	0	0	1	0	0	0	0	0
05:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
06:00	6	0	4	0	0	0	2	0	0	0	0	0	0	0
07:00	30	0	21	2	0	0	0	0	6	0	0	0	0	1
08:00	31	0	17	3	0	0	3	0	8	0	0	0	0	0
09:00	38	1	19	3	0	0	2	0	10	0	0	1	0	2
10:00	33	0	11	3	0	0	1	0	17	0	0	1	0	0
11:00	49	0	27	3	0	0	0	0	14	2	0	3	0	0
12:00	40	0	16	3	0	2	2	0	17	0	0	0	0	0
13:00	35	0	11	5	0	0	2	0	15	0	0	2	0	0
14:00	36	0	14	6	0	0	1	0	14	0	0	1	0	0
15:00	38	0	11	6	0	1	2	0	16	0	0	2	0	0
16:00	28	1	16	4	0	0	0	0	7	0	0	0	0	0
17:00	12	0	2	1	1	0	1	0	6	1	0	0	0	0
18:00	8	0	3	0	0	0	0	0	5	0	0	0	0	0
19:00	7	0	5	0	0	0	0	0	1	0	1	0	0	0
20:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-19	378	2	168	39	1	3	14	0	135	3	0	10	0	3
06-22	392	2	178	39	1	3	16	0	136	3	1	10	0	3
06-00	394	2	180	39	1	3	16	0	136	3	1	10	0	3
00-00	411	2	195	39	1	3	16	0	137	3	1	11	0	3

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Average Day														
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0
03:00	2	0	1	0	0	0	0	0	1	0	0	0	0	0
04:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
06:00	6	0	5	0	0	0	1	0	0	0	0	0	0	0
07:00	23	1	15	2	0	0	1	0	4	0	0	1	0	0
08:00	26	0	15	5	0	0	1	0	5	0	0	1	0	0
09:00	27	0	12	3	0	0	1	0	8	0	0	1	0	1
10:00	24	0	9	3	0	0	1	0	10	0	0	1	0	0
11:00	28	0	12	2	0	0	0	0	11	1	0	1	0	0
12:00	28	0	10	3	0	0	1	0	12	0	0	1	0	0
13:00	26	0	8	3	0	0	1	0	12	0	0	1	0	0
14:00	25	0	7	4	0	0	1	0	11	0	0	1	0	0
15:00	21	0	6	3	0	0	1	0	10	0	0	1	0	0
16:00	16	0	6	3	0	0	0	0	6	0	0	0	0	0
17:00	8	0	3	0	0	0	1	0	2	0	0	0	0	0
18:00	4	0	2	0	0	0	0	0	1	0	0	0	0	0
19:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
20:00	3	0	2	0	0	0	0	0	0	0	0	0	0	0
21:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
22:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07-19	256	2	106	31	1	1	9	0	91	2	3	8	0	2
06-22	271	2	118	31	1	1	10	0	92	2	3	9	0	2
06-00	274	2	121	31	1	1	10	0	92	2	3	9	0	2
00-00	284	2	129	31	1	1	10	0	93	2	3	9	0	2

40720 Dublin ATCs Site 3 Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)
 22 September 2011 to 28 September 2011 Direction Westbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Virtual Week (1)														
Mon	351	1	148	53	0	3	10	1	112	5	4	11	0	3
Tue	386	3	178	50	2	1	16	0	116	3	3	11	0	3
Wed	411	2	195	39	1	3	16	0	137	3	1	11	0	3
Thu	355	4	153	35	1	2	15	0	128	2	3	12	0	0
Fri	405	4	167	40	1	1	11	0	152	2	8	16	0	3
|Sat	52	1	38	1	0	0	2	0	9	0	0	1	0	0
|Sun	29	0	27	0	0	0	1	0	0	0	0	1	0	0
5 Day Average														
[--]	382	3	168	43	1	2	14	0	129	3	4	12	0	2
7 Day Average														
[--]	284	2	129	31	1	1	10	0	93	2	3	9	0	2
Total Vehicles														
[--]	1989	15	906	218	5	10	71	1	654	15	19	63	0	12



Average Weekday Day

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Westbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
22 September 2011																																
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
03:00	3	0	0	0	2	0	0	1	0	0	0	0	0	0	0	1	33.3	1	33.3	0	0	32.4	-									
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
06:00	6	0	0	0	1	2	0	2	1	0	0	0	0	0	5	83.3	3	50	1	16.7	38.1	-										
07:00	42	0	0	1	4	17	13	5	2	0	0	0	0	37	88.1	20	47.6	2	4.8	35.6	40.3											
08:00	34	1	1	0	3	6	13	6	3	1	0	0	0	29	85.3	23	67.6	4	11.8	35.9	43.6											
09:00	24	0	0	5	3	7	3	2	3	1	0	0	0	16	66.7	9	37.5	4	16.7	34.2	44.6											
10:00	36	0	0	3	3	9	15	5	1	0	0	0	0	30	83.3	21	58.3	1	2.8	34.7	40.3											
11:00	33	2	1	1	4	10	11	4	0	0	0	0	0	25	75.8	15	45.5	0	0	32.4	39.6											
12:00	38	0	0	0	5	11	15	6	1	0	0	0	0	33	86.8	22	57.9	1	2.6	36.2	40.3											
13:00	23	0	1	1	2	3	11	5	0	0	0	0	0	19	82.6	16	69.6	0	0	35.8	41.4											
14:00	36	0	0	0	3	11	10	10	2	0	0	0	0	33	91.7	22	61.1	2	5.6	36.9	43.6											
15:00	37	0	1	4	3	6	15	5	3	0	0	0	0	29	78.4	23	62.2	3	8.1	35.8	41.4											
16:00	20	0	0	1	0	6	6	4	3	0	0	0	0	19	95	13	65	3	15	37.9	44.3											
17:00	4	1	0	0	0	2	1	0	0	0	0	0	0	3	75	1	25	0	0	29	-											
18:00	2	0	0	0	0	0	1	1	0	0	0	0	0	2	100	2	100	0	0	39.3	-											
19:00	5	0	0	0	2	1	1	1	0	0	0	0	0	3	60	2	40	0	0	33.1	-											
20:00	4	0	0	0	1	1	1	1	0	0	0	0	0	3	75	2	50	0	0	34.4	-											
21:00	3	0	0	0	0	0	1	2	0	0	0	0	0	3	100	3	100	0	0	43	-											
22:00	3	0	0	0	1	2	0	0	0	0	0	0	0	2	66.7	0	0	0	0	30.9	-											
23:00	2	0	0	0	0	2	0	0	0	0	0	0	0	2	100	0	0	0	0	30.7	-											
07-19	329	4	4	16	30	88	114	53	18	2	0	0	0	275	83.6	187	56.8	20	6.1	35.4	41.4											
06-22	347	4	4	16	34	92	117	59	19	2	0	0	0	289	83.3	197	56.8	21	6.1	35.5	41.4											
06-00	352	4	4	16	35	96	117	59	19	2	0	0	0	293	83.2	197	56	21	6	35.4	41.4											
00-00	355	4	4	16	37	96	117	60	19	2	0	0	0	294	82.8	198	55.8	21	5.9	35.4	41.4											

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Westbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
23 September 2011																																
00:00	2	0	0	1	0	1	0	0	0	0	0	0	0	0	1	50	0	0	0	0	28.2	-										
01:00	2	0	0	0	0	2	0	0	0	0	0	0	0	0	2	100	0	0	0	0	32.2	-										
02:00	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.3	-										
03:00	3	0	0	0	1	1	1	0	0	0	0	0	0	0	2	66.7	1	33.3	0	0	34.4	-										
04:00	4	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26.7	-										
05:00	3	0	0	2	0	0	1	0	0	0	0	0	0	0	1	33.3	1	33.3	0	0	27.6	-										
06:00	10	0	0	0	1	1	4	1	2	1	0	0	0	0	9	90	8	80	3	30	39.4	-										
07:00	33	0	3	3	3	6	13	3	1	1	0	0	0	0	24	72.7	18	54.5	2	6.1	33.9	40										
08:00	42	0	0	3	8	12	7	7	5	0	0	0	0	0	31	73.8	19	45.2	5	11.9	35.8	41.8										
09:00	45	0	2	1	7	13	14	4	4	0	0	0	0	0	35	77.8	22	48.9	4	8.9	34.9	40										
10:00	39	0	0	1	7	11	15	5	0	0	0	0	0	0	31	79.5	20	51.3	0	0	34.9	40										
11:00	39	0	0	2	3	16	13	5	0	0	0	0	0	0	34	87.2	18	46.2	0	0	34.5	39.2										
12:00	39	0	1	1	4	10	14	6	3	0	0	0	0	0	33	84.6	23	59	3	7.7	35.3	40.7										
13:00	48	0	5	1	11	9	14	6	1	0	1	0	0	0	31	64.6	22	45.8	2	4.2	33	40.3										
14:00	35	0	0	5	6	9	11	3	0	1	0	0	0	0	24	68.6	15	42.9	1	2.9	33.4	38.9										
15:00	18	0	0	0	1	7	3	6	1	0	0	0	0	0	17	94.4	10	55.6	1	5.6	36.7	41.4										
16:00	17	0	0	1	4	4	6	2	0	0	0	0	0	0	12	70.6	8	47.1	0	0	33.8	38.9										
17:00	14	0	0	2	0	10	1	1	0	0	0	0	0	0	12	85.7	2	14.3	0	0	32.6	34.2										
18:00	4	0	0	0	0	2	1	1	0	0	0	0	0	0	4	100	2	50	0	0	36.1	-										
19:00	2	0	0	0	0	1	0	1	0	0	0	0	0	0	2	100	1	50	0	0	36.9	-										
20:00	2	0	0	0	0	0	2	0	0	0	0	0	0	0	2	100	2	100	0	0	36	-										
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
22:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	1	100	0	0	37.2	-										
23:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.1	-										
07-19	373	0	11	20	54	109	112	49	15	2	1	0	0	0	288	77.2	179	48	18	4.8	34.5	40.3										
06-22	387	0	11	20	55	111	118	51	17	3	1	0	0	0	301	77.8	190	49.1	21	5.4	34.6	40.7										
06-00	389	0	11	20	56	111	119	51	17	3	1	0	0	0	302	77.6	191	49.1	21	5.4	34.6	40.7										
00-00	405	0	11	25	61	115	121	51	17	3	1	0	0	0	308	76	193	47.7	21	5.2	34.4	40.3										

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)											
22 September 2011		to														28 September 2011		Direction	Westbound		Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		
Time Period	Total Vehicles	0	15	20	25	30	Speed Bins								30	30	35	35	45	45	Mean Speed	85%ile Speed								
		15	20	25	30	35	40	45	50	55	60	65	70	75	30	30	ACPO	ACPO	DFT	DFT										
24 September 2011																														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
02:00	2	0	0	0	0	1	1	0	0	0	0	0	0	0	2	100	1	50	0	0	36	-								
03:00	2	0	0	0	1	1	0	0	0	0	0	0	0	0	1	50	0	0	0	0	29	-								
04:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	0	0	0	0	33.3	-								
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
06:00	7	0	0	0	1	3	0	0	3	0	0	0	0	0	6	85.7	3	42.9	3	42.9	38.8	-								
07:00	4	0	1	0	0	2	0	1	0	0	0	0	0	0	3	75	1	25	0	0	32.4	-								
08:00	4	0	0	0	2	0	0	1	1	0	0	0	0	0	2	50	2	50	1	25	36.9	-								
09:00	5	0	0	0	1	1	2	1	0	0	0	0	0	0	4	80	3	60	0	0	34.5	-								
10:00	7	0	0	0	1	1	4	1	0	0	0	0	0	0	6	85.7	5	71.4	0	0	37.1	-								
11:00	4	0	0	1	0	0	2	1	0	0	0	0	0	0	3	75	3	75	0	0	34.3	-								
12:00	4	0	0	0	0	1	2	1	0	0	0	0	0	0	4	100	3	75	0	0	37.8	-								
13:00	2	0	0	0	0	0	1	0	1	0	0	0	0	0	2	100	2	100	1	50	41.4	-								
14:00	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	100	2	100	0	0	40.9	-								
15:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.4	-								
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
17:00	2	0	0	0	0	1	1	0	0	0	0	0	0	0	2	100	1	50	0	0	33.4	-								
18:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	0	0	0	0	30	-								
19:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.7	-								
20:00	3	0	0	0	0	3	0	0	0	0	0	0	0	0	3	100	0	0	0	0	34	-								
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-								
07-19	36	0	1	2	4	7	12	8	2	0	0	0	0	0	29	80.6	22	61.1	2	5.6	35.6	41.4								
06-22	47	0	1	2	6	13	12	8	5	0	0	0	0	0	38	80.9	25	53.2	5	10.6	35.7	43.9								
06-00	47	0	1	2	6	13	12	8	5	0	0	0	0	0	38	80.9	25	53.2	5	10.6	35.7	43.9								
00-00	52	0	1	2	7	16	13	8	5	0	0	0	0	0	42	80.8	26	50	5	9.6	35.4	41.4								

40720 Dublin ATCs																Site	3	Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Westbound	Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)			Mean	85%ile
Time Period	Total Vehicles	0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Speed	Speed									
25 September 2011																															
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
01:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26.5	-									
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
03:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.2	-									
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
06:00	2	0	0	0	1	0	1	0	0	0	0	0	0	0	1	50	1	50	0	0	33.1	-									
07:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	0	0	0	0	34.1	-									
08:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	100	1	100	0	0	44.1	-									
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
11:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	0	0	0	0	34.3	-									
12:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	100	1	100	0	0	40.9	-									
13:00	2	0	0	0	0	0	2	0	0	0	0	0	0	0	2	100	2	100	0	0	36.8	-									
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
15:00	2	0	0	0	0	0	0	2	0	0	0	0	0	0	2	100	2	100	0	0	42.3	-									
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
17:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	1	100	0	0	39.9	-									
18:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	1	100	0	0	39.6	-									
19:00	6	0	0	1	3	0	1	0	1	0	0	0	0	0	2	33.3	2	33.3	1	16.7	31.3	-									
20:00	2	0	0	0	0	1	1	0	0	0	0	0	0	0	2	100	1	50	0	0	36	-									
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
22:00	5	0	0	1	2	1	1	0	0	0	0	0	0	0	2	40	1	20	0	0	30.5	-									
23:00	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.3	-									
07-19	10	0	0	0	2	4	4	0	0	0	0	0	0	0	10	100	8	80	0	0	39.1	-									
06-22	20	0	0	1	4	3	7	4	1	0	0	0	0	0	15	75	12	60	1	5	35.9	40.7									
06-00	27	0	0	4	6	4	8	4	1	0	0	0	0	0	17	63	13	48.1	1	3.7	33.9	40									
00-00	29	0	0	4	8	4	8	4	1	0	0	0	0	0	17	58.6	13	44.8	1	3.4	33.4	40									

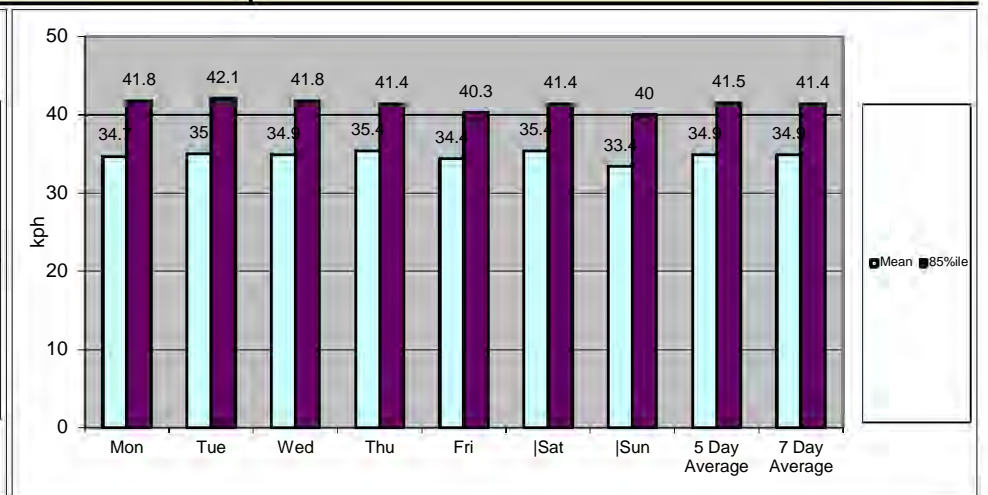
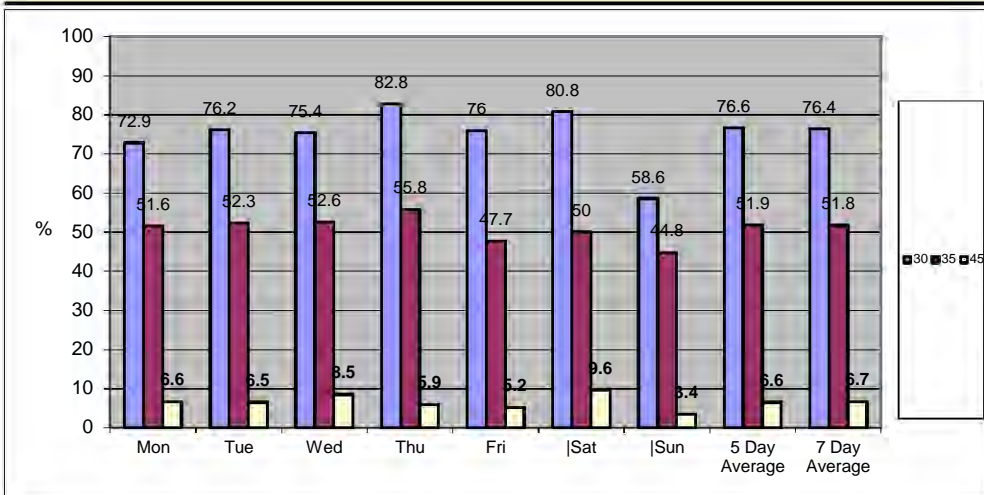
40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Westbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
26 September 2011																																
00:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.1	-											
01:00	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.6	-											
02:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.4	-											
03:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.5	-											
04:00	3	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.8	-											
05:00	7	0	3	2	1	0	1	0	0	0	0	0	0	0	0	1	14.3	1	14.3	23.2	-											
06:00	7	0	1	0	1	1	1	2	1	0	0	0	0	0	5	71.4	4	57.1	1	14.3	35.8	-										
07:00	21	0	1	0	4	4	8	3	1	0	0	0	0	0	16	76.2	12	57.1	1	4.8	34.9	40										
08:00	32	0	0	2	4	6	10	4	3	3	0	0	0	0	26	81.3	20	62.5	6	18.8	37.5	45.7										
09:00	30	1	3	0	4	6	9	6	0	1	0	0	0	0	22	73.3	16	53.3	1	3.3	34.1	42.1										
10:00	32	0	0	1	3	10	6	8	4	0	0	0	0	0	28	87.5	18	56.3	4	12.5	36.8	43.2										
11:00	32	0	0	2	4	8	13	3	1	1	0	0	0	0	26	81.3	18	56.3	2	6.3	35.4	40										
12:00	39	1	0	1	6	15	10	5	1	0	0	0	0	0	31	79.5	16	41	1	2.6	33.8	38.2										
13:00	33	0	0	2	5	7	13	6	0	0	0	0	0	0	26	78.8	19	57.6	0	0	35.2	40.3										
14:00	24	0	0	1	2	2	8	6	4	1	0	0	0	0	21	87.5	19	79.2	5	20.8	39.3	45.7										
15:00	26	0	0	0	2	7	10	6	0	0	1	0	0	0	24	92.3	17	65.4	1	3.8	37.5	40.7										
16:00	31	0	0	0	9	9	8	4	0	1	0	0	0	0	22	71	13	41.9	1	3.2	34.3	40										
17:00	11	1	0	4	5	0	1	0	0	0	0	0	0	0	1	9.1	1	9.1	0	0	26	27.7										
18:00	6	0	0	0	0	0	4	2	0	0	0	0	0	0	6	100	6	100	0	0	39.6	-										
19:00	4	0	0	1	2	0	0	1	0	0	0	0	0	0	1	25	1	25	0	0	29.8	-										
20:00	3	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.6	-										
21:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.9	-										
22:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.2	-										
23:00	3	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.4	-										
07-19	317	3	4	13	48	74	100	53	14	7	1	0	0	0	249	78.5	175	55.2	22	6.9	35.5	42.1										
06-22	332	3	5	16	53	75	101	56	15	7	1	0	0	0	255	76.8	180	54.2	23	6.9	35.3	42.1										
06-00	336	3	6	19	53	75	101	56	15	7	1	0	0	0	255	75.9	180	53.6	23	6.8	35.1	42.1										
00-00	351	3	9	26	57	75	102	56	15	7	1	0	0	0	256	72.9	181	51.6	23	6.6	34.7	41.8										

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Westbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
27 September 2011																																
00:00	3	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.2	-											
01:00	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.2	-											
02:00	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	50	0	0	22.5	-											
03:00	2	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	50	1	50	31.7	-											
04:00	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.3	-											
05:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.4	-											
06:00	6	0	0	0	0	0	1	4	1	0	0	0	0	0	0	6	100	6	100	42.6	-											
07:00	33	0	0	4	5	4	8	8	4	0	0	0	0	0	24	72.7	20	60.6	36.2	43.9												
08:00	38	0	0	0	2	6	9	14	5	0	2	0	0	0	36	94.7	30	78.9	40.4	45												
09:00	47	0	3	6	7	12	12	7	0	0	0	0	0	0	31	66	19	40.4	32.5	39.6												
10:00	23	0	0	1	4	3	8	5	2	0	0	0	0	0	18	78.3	15	65.2	36	41												
11:00	38	0	0	4	6	5	19	3	1	0	0	0	0	0	28	73.7	23	60.5	34.5	39.6												
12:00	35	0	1	1	3	16	7	7	0	0	0	0	0	0	30	85.7	14	40	34.5	41												
13:00	36	0	4	5	1	7	8	8	3	0	0	0	0	0	26	72.2	19	52.8	34.2	42.1												
14:00	44	0	0	3	6	17	11	5	1	1	0	0	0	0	35	79.5	18	40.9	34.4	40												
15:00	27	0	0	0	1	8	10	6	2	0	0	0	0	0	26	96.3	18	66.7	38.1	42.5												
16:00	18	0	0	2	0	5	5	4	2	0	0	0	0	0	16	88.9	11	61.1	36.6	44.3												
17:00	9	0	0	2	0	5	0	2	0	0	0	0	0	0	7	77.8	2	22.2	33.3	-												
18:00	3	0	0	0	0	0	2	0	1	0	0	0	0	0	3	100	3	100	40.3	-												
19:00	6	0	0	2	2	1	1	0	0	0	0	0	0	0	2	33.3	1	16.7	29.1	-												
20:00	5	0	1	0	1	2	1	0	0	0	0	0	0	0	3	60	1	20	29.6	-												
21:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	1	100	35.2	-												
22:00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	28.3	-												
23:00	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	27.1	-												
07-19	351	0	8	28	35	88	99	69	21	1	2	0	0	0	280	79.8	192	54.7	35.5	42.1												
06-22	369	0	9	30	38	91	103	73	22	1	2	0	0	0	292	79.1	201	54.5	35.4	42.1												
06-00	374	0	9	30	43	91	103	73	22	1	2	0	0	0	292	78.1	201	53.7	35.3	42.1												
00-00	386	1	11	36	44	92	103	74	22	1	2	0	0	0	294	76.2	202	52.3	35	42.1												

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Westbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
28 September 2011																																
0000	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.5	-											
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-											
02:00	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.6	-											
03:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	100	1	100	0	0	38.3	-									
04:00	4	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	50	0	0	0	0	28	-									
05:00	5	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	20	0	0	0	0	23.3	-									
06:00	6	0	0	0	0	0	3	1	1	1	0	0	0	0	0	6	100	6	100	2	33.3	43.1	-									
07:00	30	0	0	1	4	6	8	8	2	1	0	0	0	0	25	83.3	19	63.3	3	10	37.1	42.1										
08:00	31	0	0	0	2	7	13	5	1	2	1	0	0	0	29	93.5	22	71	4	12.9	38.3	43.6										
09:00	38	0	2	6	11	5	9	3	2	0	0	0	0	0	19	50	14	36.8	2	5.3	30.7	38.5										
10:00	33	0	0	1	6	3	10	10	2	0	1	0	0	0	26	78.8	23	69.7	3	9.1	37.1	43.2										
11:00	49	0	1	4	4	15	17	3	3	2	0	0	0	0	40	81.6	25	51	5	10.2	34.8	40.7										
12:00	40	0	0	1	1	11	13	10	4	0	0	0	0	0	38	95	27	67.5	4	10	37.7	43.2										
13:00	35	0	0	6	9	7	8	4	1	0	0	0	0	0	20	57.1	13	37.1	1	2.9	32.6	40										
14:00	36	0	0	1	10	12	7	4	1	1	0	0	0	0	25	69.4	13	36.1	2	5.6	33.7	40.3										
15:00	38	0	2	1	4	5	14	8	3	1	0	0	0	0	31	81.6	26	68.4	4	10.5	36.2	42.1										
16:00	28	2	1	0	1	14	5	4	0	0	0	1	0	0	24	85.7	10	35.7	1	3.6	33.5	40.3										
17:00	12	0	0	0	2	3	4	2	0	1	0	0	0	0	10	83.3	7	58.3	1	8.3	36.7	40.3										
18:00	8	0	0	0	1	1	3	0	2	0	1	0	0	0	7	87.5	6	75	3	37.5	41.4	-										
19:00	7	0	0	1	2	1	2	1	0	0	0	0	0	0	4	57.1	3	42.9	0	0	32.2	-										
20:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.7	-										
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
22:00	2	0	0	0	0	1	1	0	0	0	0	0	0	0	2	100	1	50	0	0	33.4	-										
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
07-19	378	2	6	21	55	89	111	61	21	8	3	1	0	0	294	77.8	205	54.2	33	8.7	35.3	41.8										
06-22	392	2	6	22	58	90	116	63	22	9	3	1	0	0	304	77.6	214	54.6	35	8.9	35.4	41.8										
06-00	394	2	6	22	58	91	117	63	22	9	3	1	0	0	306	77.7	215	54.6	35	8.9	35.3	41.8										
00-00	411	3	7	30	61	94	118	63	22	9	3	1	0	0	310	75.4	216	52.6	35	8.5	34.9	41.8										

40720 Dublin ATCs																Site	3		Location Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)													
22 September 2011		to														28 September 2011		Direction	Westbound													
Time Period	Total Vehicles	Speed Bins														Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed									
		0 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 70	70 75	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT												
Average Day																																
0000	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	11.1	0	0	0	0	25.2	-									
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.6	0	0	0	0	24.9	-									
02:00	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	27.3	0	9.1	0	0	26.2	-									
03:00	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	46.2	1	30.8	0	0	31.6	-									
04:00	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	21.4	0	0	0	0	26.6	-									
05:00	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	18.8	0	12.5	0	0	24	-									
06:00	6	0	0	0	1	1	1	1	1	0	0	0	0	0	0	5	86.4	4	70.5	2	25	39.2	-									
07:00	23	0	1	1	3	6	7	4	1	0	0	0	0	0	0	19	79.3	13	54.9	2	7.3	35.5	41.8									
08:00	26	0	0	1	3	5	7	5	3	1	0	0	0	0	0	22	84.6	17	64.3	4	14.8	37.6	44.6									
09:00	27	0	1	3	5	6	7	3	1	0	0	0	0	0	0	18	67.2	12	43.9	2	5.8	33.2	40.3									
10:00	24	0	0	1	3	5	8	5	1	0	0	0	0	0	0	20	81.8	15	60	1	5.9	35.9	41.4									
11:00	28	0	0	2	3	8	11	3	1	0	0	0	0	0	0	22	80.1	15	52	1	4.1	34.4	40									
12:00	28	0	0	1	3	9	9	5	1	0	0	0	0	0	0	24	86.7	15	54.1	1	4.6	35.6	41.4									
13:00	26	0	1	2	4	5	8	4	1	0	0	0	0	0	0	18	70.4	13	52	1	3.9	34.1	40.7									
14:00	25	0	0	1	4	7	7	4	1	1	0	0	0	0	0	20	79.1	13	50.3	2	6.8	35.3	41.4									
15:00	21	0	0	1	2	5	7	5	1	0	0	0	0	0	0	18	86.6	14	64.4	2	7.4	36.7	42.1									
16:00	16	0	0	1	2	5	4	3	1	0	0	0	0	0	0	13	81.6	8	48.2	1	6.1	35	41.8									
17:00	8	0	0	1	1	3	1	1	0	0	0	0	0	0	0	5	67.9	2	28.3	0	1.9	32.2	-									
18:00	4	0	0	0	0	1	2	1	0	0	0	0	0	0	0	3	96	3	80	1	16	39.3	-									
19:00	4	0	0	1	2	1	1	1	0	0	0	0	0	0	0	2	45.2	1	32.3	0	3.2	31.4	-									
20:00	3	0	0	0	1	1	1	0	0	0	0	0	0	0	0	2	65	1	30	0	0	31.4	-									
21:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	80	1	80	0	0	38.4	-									
22:00	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	50	0	21.4	0	0	30.6	-									
23:00	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	18.2	0	0	0	0	25.9	-									
07-19	256	1	5	14	32	65	79	42	13	3	1	0	0	0	0	204	79.4	138	54	17	6.6	35.3	41.4									
06-22	271	1	5	15	35	68	82	45	14	3	1	0	0	0	0	213	78.9	146	53.8	19	6.9	35.3	41.8									
06-00	274	1	5	16	37	69	82	45	14	3	1	0	0	0	0	215	78.3	146	53.3	19	6.8	35.2	41.8									
00-00	284	2	6	20	39	70	83	45	14	3	1	0	0	0	0	217	76.5	147	51.7	19	6.6	34.9	41.4									

40720 Dublin ATCs															Site	3			Location	Access Road , 60 metres West of Roundabout (N53.24677, W6.19.666)									
22 September 2011		to													Direction	Westbound													
Time Period	Total Vehicles	Speed Bins													Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed							
		0-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	30	30	35	35	45	45									
Virtual Week (1)																													
Mon	351	3	9	26	57	75	102	56	15	7	1	0	0	0	256	72.9	181	51.6	23	6.6	34.7	41.8							
Tue	386	1	11	36	44	92	103	74	22	1	2	0	0	0	294	76.2	202	52.3	25	6.5	35	42.1							
Wed	411	3	7	30	61	94	118	63	22	9	3	1	0	0	310	75.4	216	52.6	35	8.5	34.9	41.8							
Thu	355	4	4	16	37	96	117	60	19	2	0	0	0	0	294	82.8	198	55.8	21	5.9	35.4	41.4							
Fri	405	0	11	25	61	115	121	51	17	3	1	0	0	0	308	76	193	47.7	21	5.2	34.4	40.3							
|Sat	52	0	1	2	7	16	13	8	5	0	0	0	0	0	42	80.8	26	50	5	9.6	35.4	41.4							
|Sun	29	0	0	4	8	4	8	4	1	0	0	0	0	0	17	58.6	13	44.8	1	3.4	33.4	40							
5 Day Average																													
[--]	382	2	8	27	52	94	112	61	19	4	1	0	0	0	292	76.6	198	51.9	25	6.6	34.9	41.5							
7 Day Average																													
[--]	284	2	6	20	39	70	83	45	14	3	1	0	0	0	217	76.4	147	51.8	19	6.7	34.9	41.4							
Total Vehicles																													
[--]	1989	11	43	139	275	492	582	316	101	22	7	1	0	0	1521	76.5	1029	51.7	131	6.6	34.9	41.4							



Classification Schemes

Scheme F Classification Scheme (Non-metric)

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

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