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Public Realm Improvements for a Pedestrianised New Street

Traffic and Transportation Assessment

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1 Non-Technical Summary

1. The development consists of public realm improvements for a pedestrianised New Street in Malahide, Co. Dublin.

2. A number of traffic surveys were compared in order to assess any change in traffic flows due to the proposed public realm improvements for a pedestrianised New Street.

3. It is proposed to access the development as follows:

    a. A one-way restricted vehicular traffic system (northbound).
    b. Deliveries permitted from 7am-11am each day, with vehicle bollards at the Diamond as control measure.
    c. Unrestricted vehicular access to Ross Cottages (from the north).

4. Capacity analysis was carried out on 11 no. junctions:
    1. Junction of New Street, Strand Street, The Green, Marina Village (signalised junction)
    2. Junction of Old Street and Strand Street
    3. Junction of Townyard Lane and Strand Street
    4. The Diamond - Junction of New Street and R106 (signalised junction)
    5. Junction of Townyard Lane and The Mall (R106)
    6. Junction of Old Street and Dublin Road (R106)
    7. Junction of James' Terrace and The Mall (R106)
    8. Junction of the Rise and The Mall (R106)
    9. Junction of Grove Road and The Mall (R106)
    10. Junction of Grove Road and the Rise
    11. Junction of Grove Road and Church Road

    The analysis shows that, when comparing the 2023 post-pedestrianisation with the 2019 pre-pedestrianisation scenarios, there are minimal effects on the capacity for the surrounding junctions.

5. Parking spaces for the proposed development are restricted to a single accessible parking facility at the HSE building location.

6. Secure cycle parking facilities have been provided within the proposed public realm improvements to meet the requirements set out in the Fingal Development Plan 2023-2029.

2 Introduction

PUNCH Consulting Engineers as part of a multidisciplinary design team led by DFLA were commissioned by Fingal County Council (FCC) to carry out a Traffic and Transportation Assessment (TTA) for proposed public realm improvements for a pedestrianised New Street in Malahide, Co. Dublin.

The assessment has been carried out in accordance with TII's Traffic and Transport Assessment Guidelines PE-PDV-02045 (May 2014) and makes reference to the Design Manual for Urban Roads & Streets (DMURS). Sections from the Fingal Development Plan (2023-2029) have been used to help describe the development location and its local context.

The purpose of the TTA report is to assess the impact of the proposed public realm improvements on a pedestrianised New Street on the existing local transport network in comparison with the pre-pedestrianised scenario. An assessment of the accessibility of the site for cyclists, pedestrians and public transport users has also been made.

3 Existing Conditions

3.1 Site Location

The site is approximately 0.22 hectares in area located at New Street, Malahide Village. The site currently consists of an established town street with retail, commercial and residential development throughout. The topography of the street falls from south at The Diamond, The Mall, Main Street, and Church Road junction to the north at the Strand Street junction. The site is located within the Fingal Development Plan 2023-2029.

Refer to Figure 3-1 below.

The access points to the proposed development are as follows:

i. From the south at the junction with Mall Street (one-way time restricted vehicular traffic system).
ii. From the north at the junction with Strand Street (unrestricted vehicular access to Ross Cottages).

The site is located a short distance from Malahide Beach and Marina, Malahide Castle Public Park, and Malahide DART station. It is located approximately 20 km from Dublin City Centre (Connolly Station).

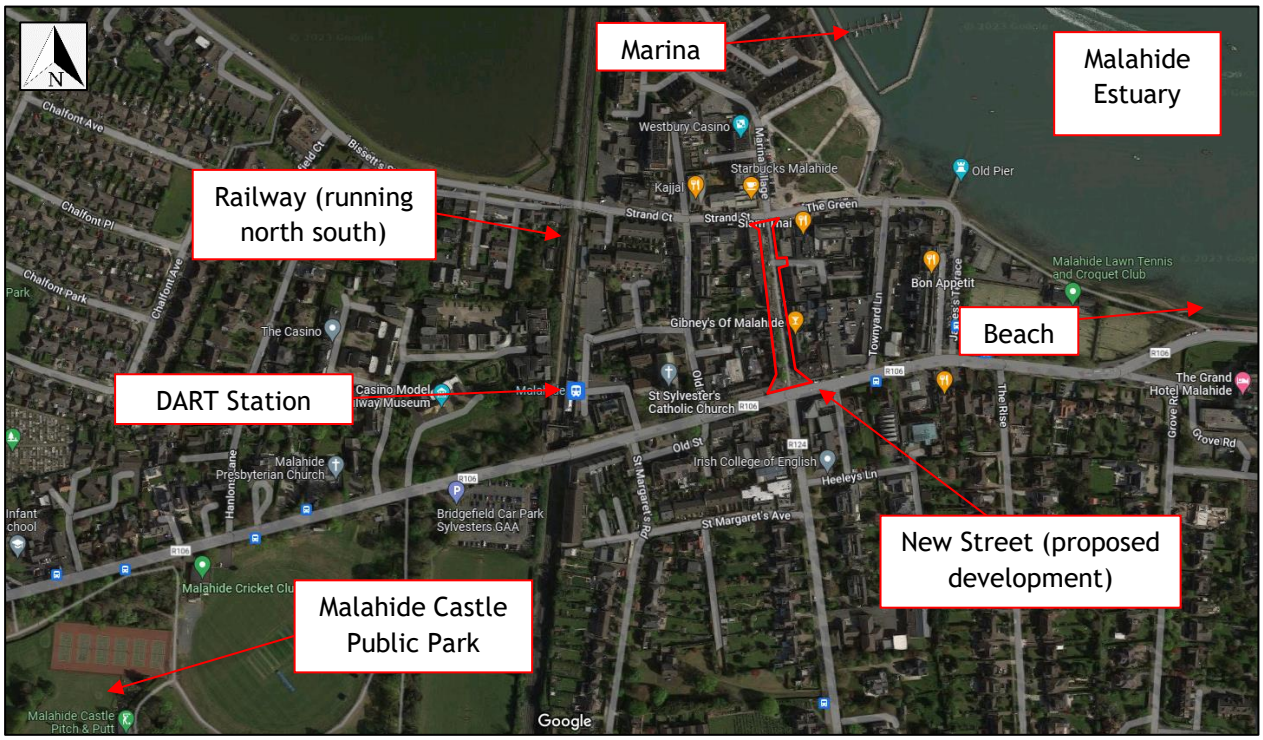


Figure 3-1: Site Location Plan (Ref Google Maps)

3.2 Existing Road Network

The site location in relation to the wider road network is detailed in Figure 3-2, Figure 3-3 and Figure 3-4.

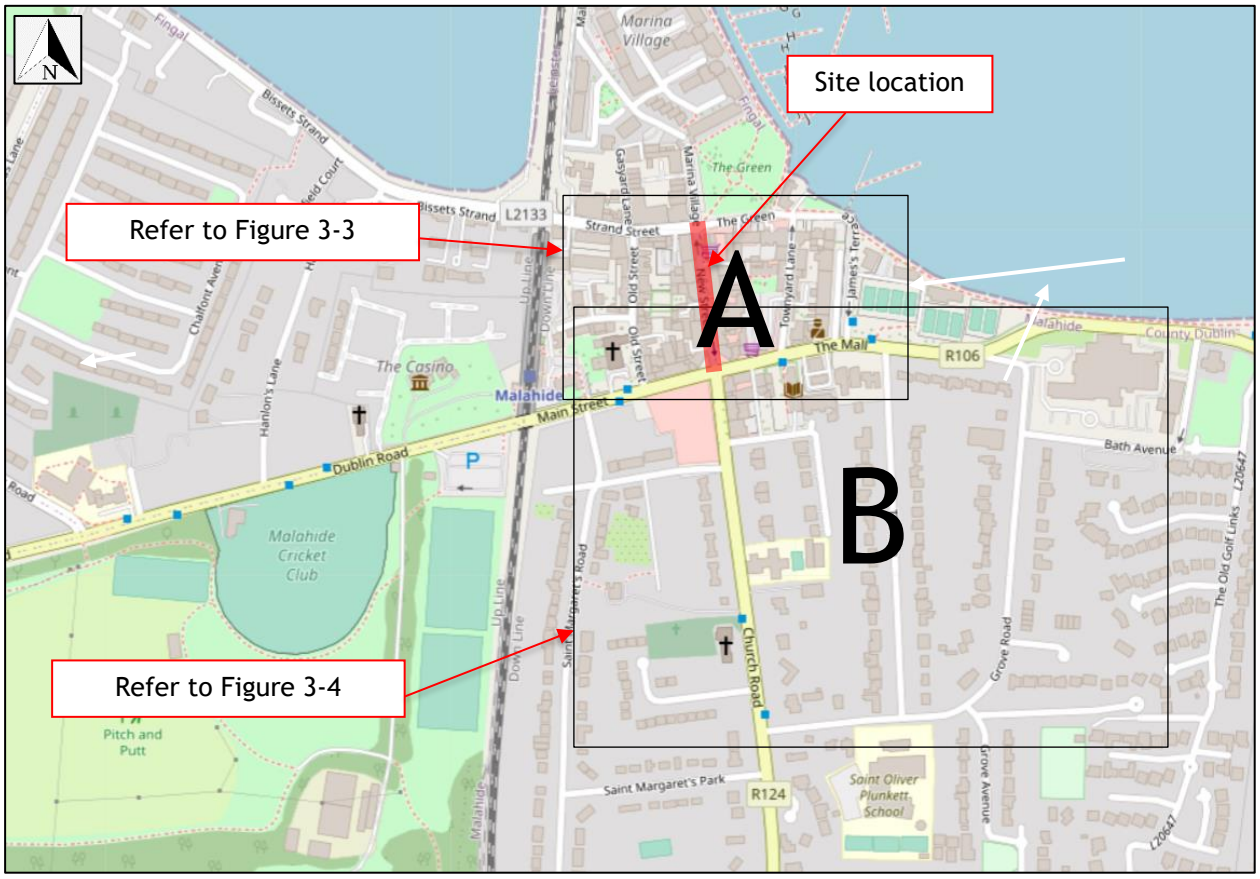


Figure 3-2: Overview - Site location and surrounding road network (Ref openstreetmap.org)

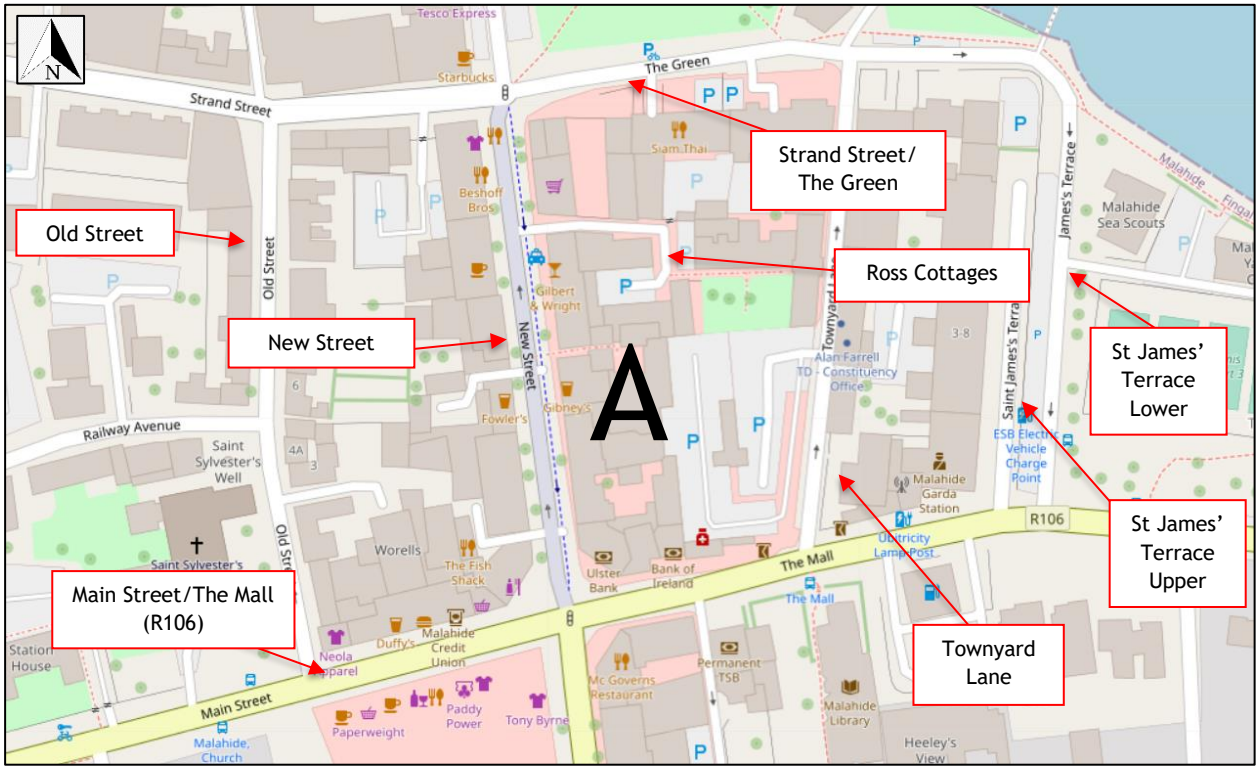


Figure 3-3: Detail A - Site location and surrounding road network (Ref openstreetmap.org)

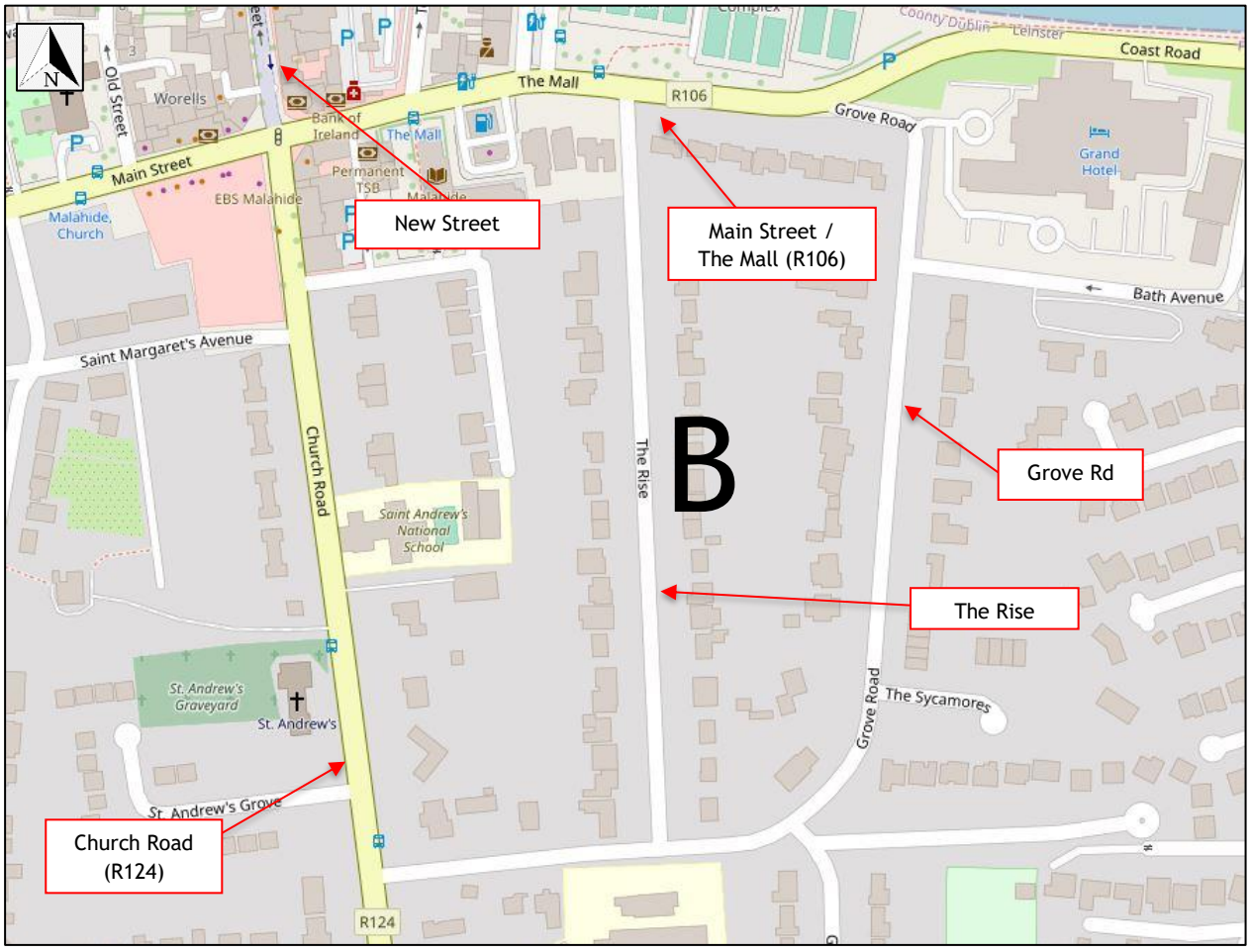


Figure 3-4: Detail B - Site location and surrounding road network (Ref openstreetmap.org)

A brief description of the local road network and the major road junctions is provided below:

3.2.1 New Street

New Street links Main Street/The Mall with Strand Street/The Green. Refer to Figure 3-5 and Figure 3-6. New Street is approximately 150m in length, with signal-controlled junctions at either end:

- T155 Malahide, the "Diamond" junction (South end)
- T372 Malahide Marina / Strand Street junction (North end)

The street has an average width of approximately 14m, with 1.7m wide separated footpaths to the west, and 1.2m separated footpaths to the east. The street is orientated north/south, with 37 No. premises facing onto it, with a combination of residential, commercial, boutique shops, retail, cafe, restaurants, pubs, health services, garden centre, banking outlets and a Mall, with a variety of uses.

New Street consists of a one-way restricted vehicular traffic system (northbound). Deliveries are permitted from 7am-11am each day, with bollards at the Diamond installed at 11am and removed at 7am each day. Additionally, the street currently provides unrestricted vehicular access to Ross Cottages (from the north) which has 3 residential cottages, a residential apartment; and parking for each of these residents as well as for 3 no. Residents on New Street.

New Street was first pedestrianised by Fingal County Council (FCC) in September 2019. The pedestrianisation was successfully carried out as part of FCC's Car Free Day. The pedestrianisation was introduced in June 2020 and continued until December 2020, following the mandate issued by Government for the prioritisation of urban spaces to pedestrians and cyclists during the Covid-19 pandemic.

This arrangement was modified again from December 2020 until June 2021 to a one-way system (northbound from the Diamond to Strand St.) for vehicular traffic with a contra flow cycle lane.

Prior to June 2020), New Street was a single way two-way carriageway with footpaths on either side of the carriageway and no designated cycle lanes. Refer to Figure 3-7 for a view of the original layout prior to pedestrianisation.

Figure 3-5: New Street (Looking North from the Diamond). Image taken 2022. © PUNCH

Figure 3-6: New Street (Looking South from The Green). © PUNCH, 2022

Figure 3-7: New Street: Pre-pedestrianisation (Looking South). Image from 2019. © Google Maps

3.2.2 Main Street/The Mall (R106)

The Mall (R106) is a regional road in the North Dublin area. It runs from Sutton towards Swords, passing through Malahide. The Mall (R106) connects with the southern tip of New Street at The Diamond, a signal-controlled crossroads. Refer to Figure 3-8 and Figure 3-9.

The Mall (R106) is a single lane two-way carriageway with wide footpaths on either side of the carriageway and no designated cycle lanes. There is a bridge crossing over the railway line approximately 200m west of the site, refer to Figure 3-10.

Figure 3-8: The Mall - R106 (Looking West) at The Diamond [Junction 4]. © Google Maps

Figure 3-9: The Mall - R106 (Looking East) at the junction with Townyard Lane [Junction 5]. © Google Maps

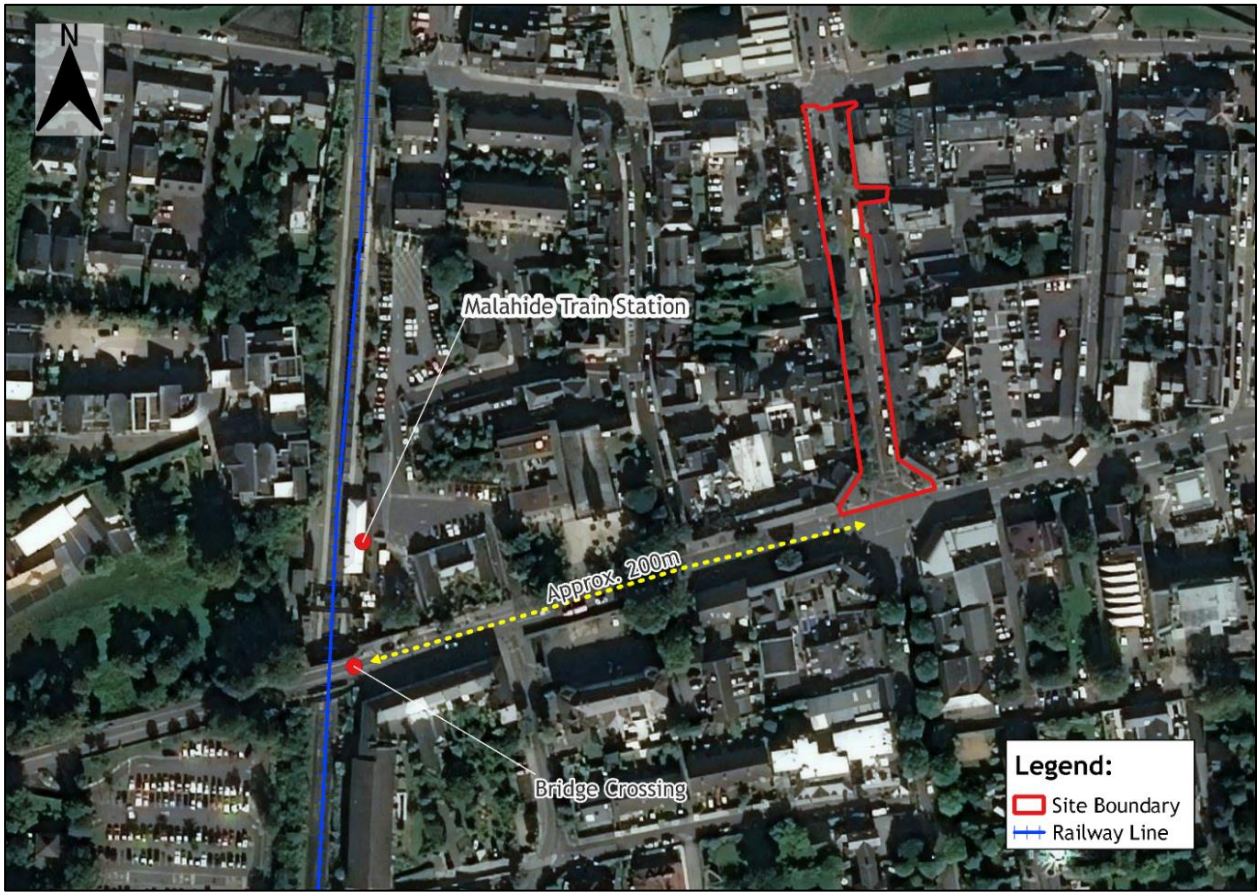


Figure 3-10: Bridge Crossing on The Mall (R106). Ref Google Maps

3.2.3 Strand Street/The Green

Strand Street/The Green is the link between James's Terrace to the east and Bissett's Strand to the West. Strand Street connects with the northern tip of New Street at a signal-controlled crossroads. Refer to Figure 3-11. Strand Street is a single lane two-way carriageway with footpaths on either side of the carriageway and no designated cycle lanes.

Figure 3-11: Strand Street (Looking East) [Junction 1]. © Google Maps

3.2.4 Townyard Lane

Townyard Lane is the link between The Mall (R106) to the south and The Green to the north. Refer to Figure 3-12 and Figure 3-13. Townyard Lane is a single lane one-way (northbound) vehicle traffic system with footpaths on either side of the carriageway and no designated cycle lanes.

Figure 3-12: Townyard Lane (Looking North) © Google Maps

Figure 3-13: Townyard Lane (Looking North) [Junction 3]. © Google Maps

3.2.5 Old Street

Old Street is another link between the Dublin Road/The Mall (R106) and Strand Street, with existing residential/ retail developments on either side of the street. Old Street is a single lane one-way (northbound) vehicle traffic system with parking on either side, wide footpaths on either side of the carriageway and no existing designated cycle lanes. Refer to Figure 3-14 and Figure 3-15.

Figure 3-14: Old Street (Looking North) at junction with Strand Street [Junction 2]. © Google Maps

Figure 3-15: Old Street (Looking North) from Main Street [Junction 6]. © Google Maps

3.2.6 St. James' Terrace

St. James's Terrace is the link between Strand Street/The Green and The Mall (R106). St. James's Terrace is a single lane one-way vehicle traffic system (southbound), with designated car/cycle parking, and footpaths either side of the carriageway. Refer to Figure 3-16 and Figure 3-17. St. James's Terrace has no designated cycle lanes.

Figure 3-16: St. James's Terrace (Looking South). © Google Maps

Figure 3-17: St. James's Terrace (Looking South) at junction with R106 [Junction 7]. © Google Maps

3.2.7 Church Road (R124)

Church Road is the regional road R124 extending to Donaghmede from Malahide. It is a link between Grove Road to the south and The Diamond to the north. Refer to Figure 3-18. Church Road is a single lane two-way carriageway with wide footpaths on both sides of the carriageway and no existing designated cycle lanes. It has a bus stop and pay and display parking.

Figure 3-18: Church Road Lane (Looking North) at St Andrews NS located on the right. © Google Maps

3.2.8 Grove Road

Grove Road is the link between the R106 (Coast Road) to the north and the R124 (Church Road) to the south west. Refer to Figure 3-19, Figure 3-20, Figure 3-21 and Figure 3-22. Grove Road is a single lane two-way carriageway with wide footpaths on both sides of the carriageway and no existing designated cycle lanes.

Figure 3-19: Grove Road (Looking West) at the junction with the R124 [Junction 11]. © Google Maps

Figure 3-20: Grove Road (Looking East) at the junction with The Rise [Junction 10]. © Google Maps

Figure 3-21: Grove Road (Looking North) at the junction with The Grand Hotel. © Google Maps

Figure 3-22: Grove Road (Looking West) at the junction with The Mall (R106) [Junction 9]. © Google Maps

3.2.9 The Rise

The Rise is the link between Grove Road to the south and The Mall (R106) to the north. Refer to Figure 3-23 and Figure 3-24. The Rise is a single lane two-way carriageway with wide footpaths on both sides of the carriageway and no existing designated cycle lanes.

Figure 3-23: The Rise (Looking North). © Google Maps

Figure 3-24: The Rise (Looking North) at the junction with The Mall [Junction 8]. © Google Maps

3.3 Existing Traffic Flows

Classified turning count traffic surveys of the existing junctions were completed by Idaso on Tuesday 10th January 2023 on behalf of the client at various sites. Furthermore, a number of traffic surveys were also completed by ITS across a number of the same sites on Wednesday 9th October 2019 (AM only), Tuesday 12th December 2019, as well as on Wednesday 15th July 2020. Refer to Table 3-1 for a summary.

The locations of the surveyed junctions/sites are shown in Figure 3-25, Figure 3-26 and Figure 3-27. The traffic survey locations and full traffic survey results are included in Appendix A.

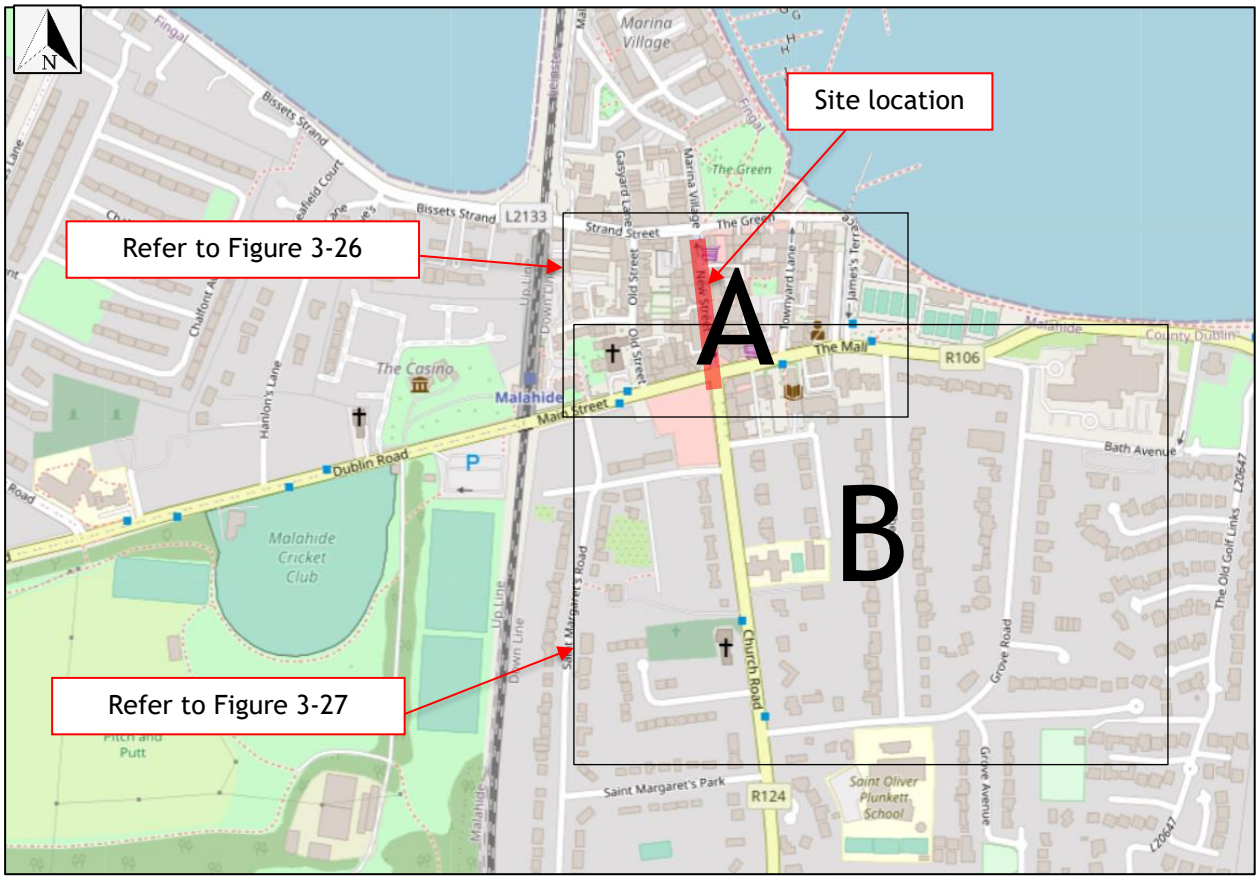


Figure 3-25: Overview – Junction/site locations (Ref openstreetmap.org)

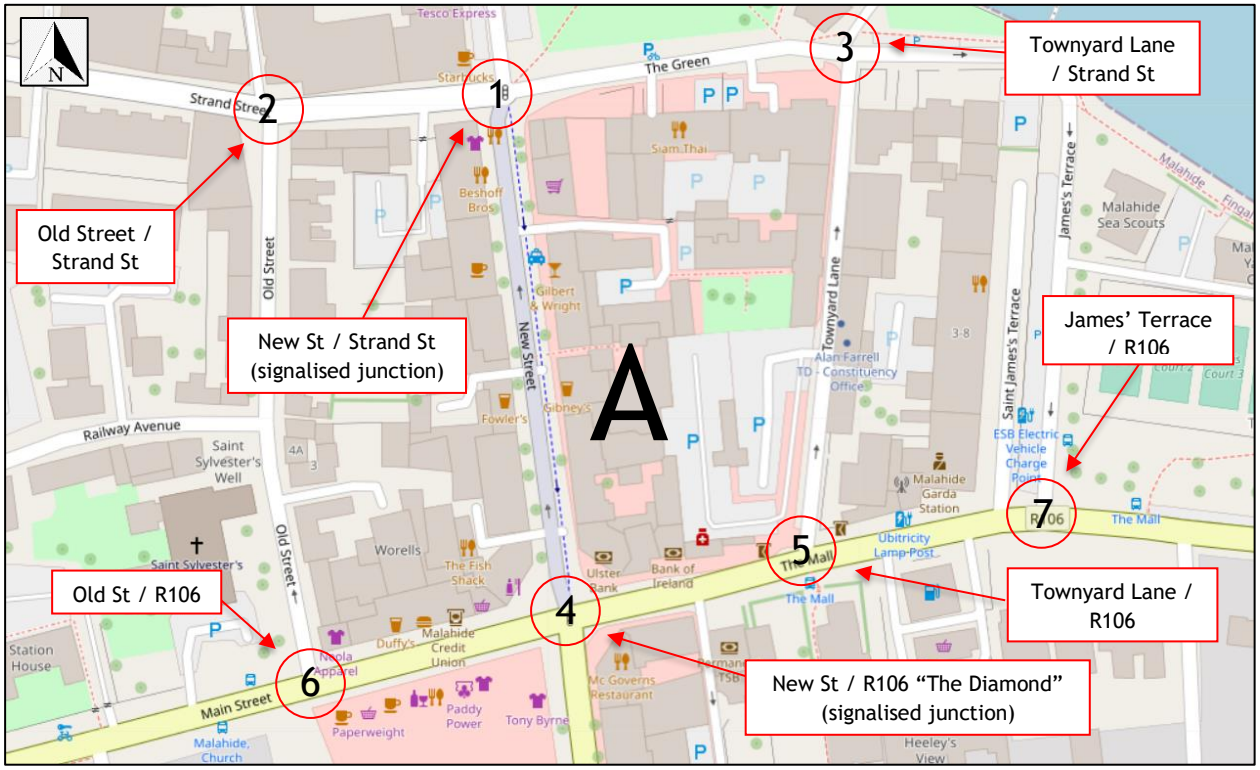


Figure 3-26: Detail A - Junction/site locations (Ref openstreetmap.org)

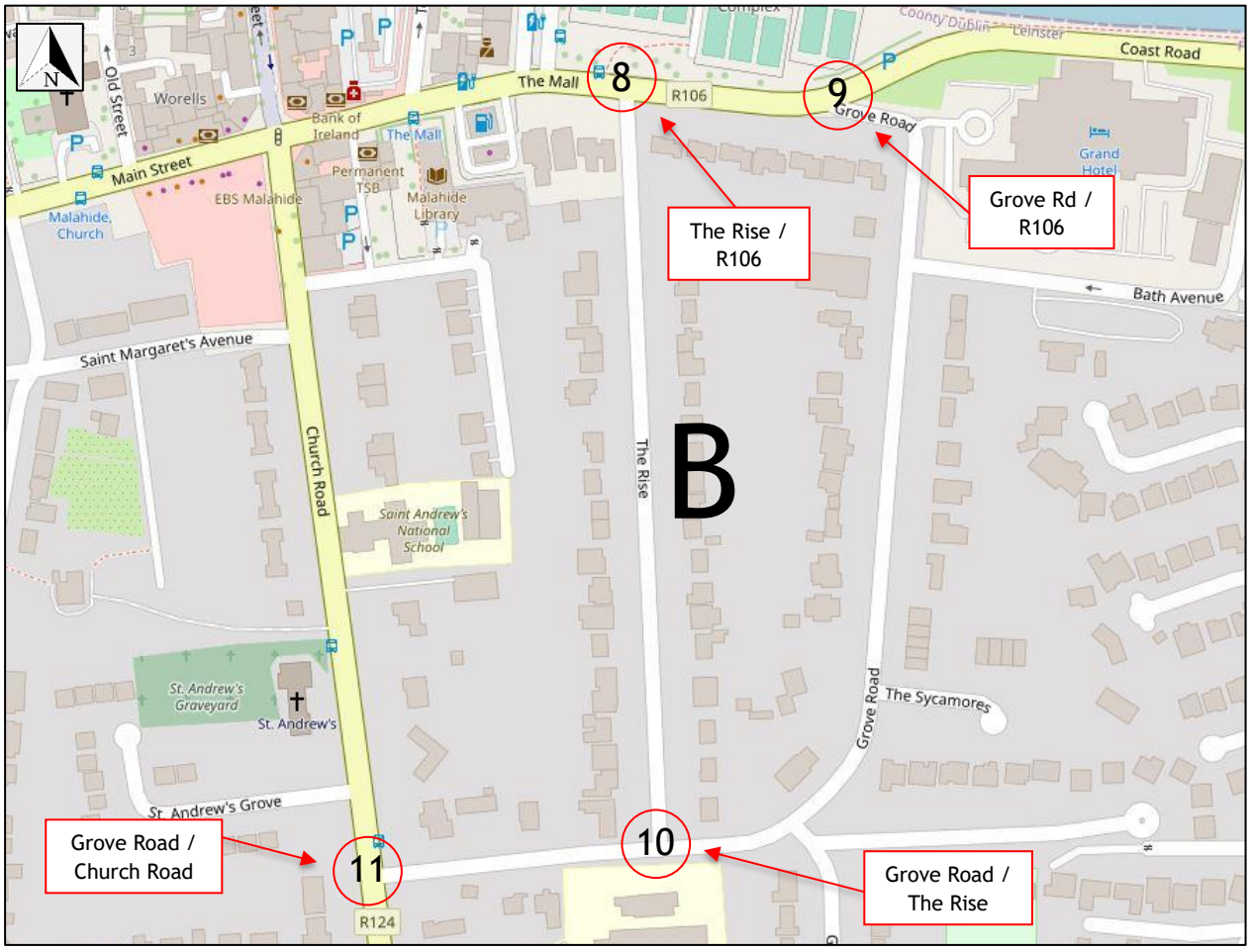


Figure 3-27: Detail B - Site location and surrounding road network (Ref openstreetmap.org)

Junction reference	Site	Survey year(s)		
1	Junction of New Street and the Strand *(signalised junction)*		2020	2023
2	Junction of Old Street and the Strand		2020	2023
3	Junction of Townyard Lane and the Strand			2023
4	Junction of New Street and the R106 *(signalised junction)*	2019	2020	2023
5	Junction of Townyard Lane and the R106		2020	2023
6	Junction of Old Street and the R106		2020	2023
7	Junction of James' Terrace and the R106		2020	2023
8	Junction of The Rise and the R106	2019		2023
9	Junction of Grove Road and the R106	2019		2023
10	Junction of Grove Road and The Rise	2019		2023
11	Junction of Grove Road and Church Road	2019		2023

Table 3-1: Summary of traffic survey site locations and years completed

3.3.1 Junction 1 – New Street and the Strand (signalised junction)

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 1 generally occurred between 08:15 and 09:15 (AM). The evening peak hour flow was found to be between 16:45 and 17:45 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure 3-28.

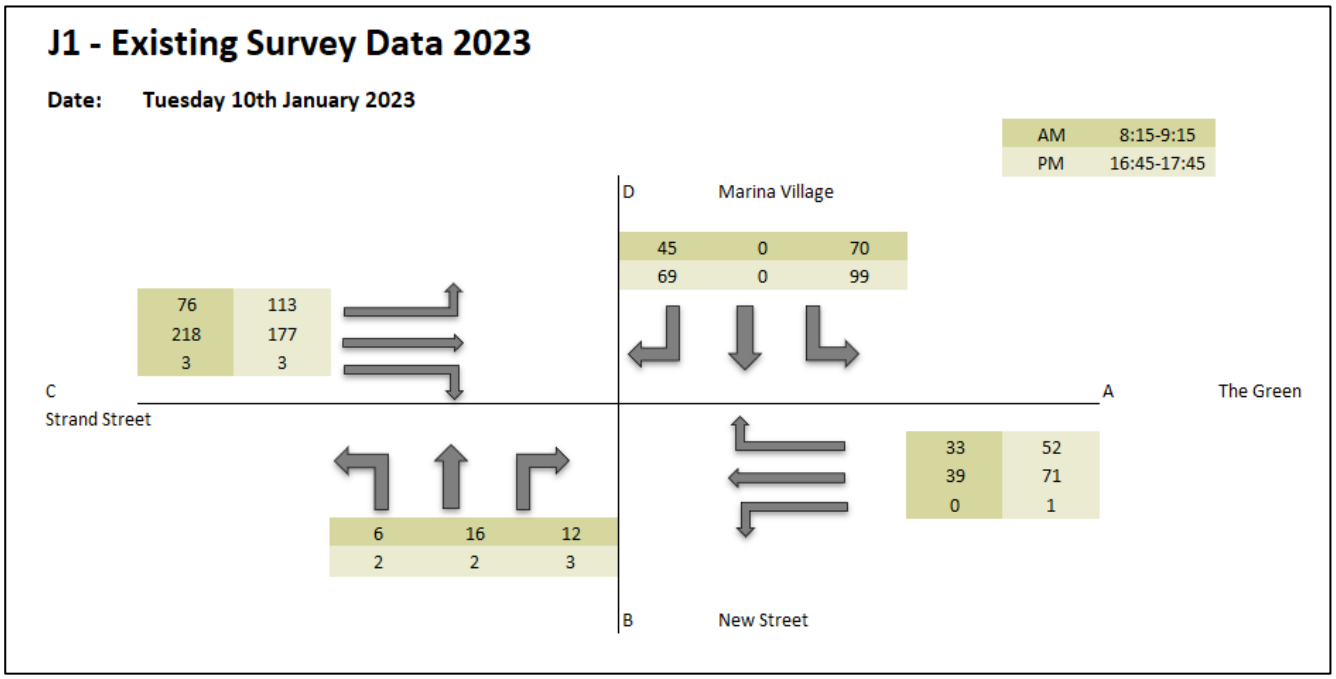


Figure 3-28:January 2023 Peak Hour Traffic Survey Results Junction 1 (PCUs)

3.3.2 Junction 2 - Old Street and the Strand

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 2 generally occurred between 08:30 and 09:30 (AM). The evening peak hour flow was found to be between 17:00 and 18:00 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure 3-29.

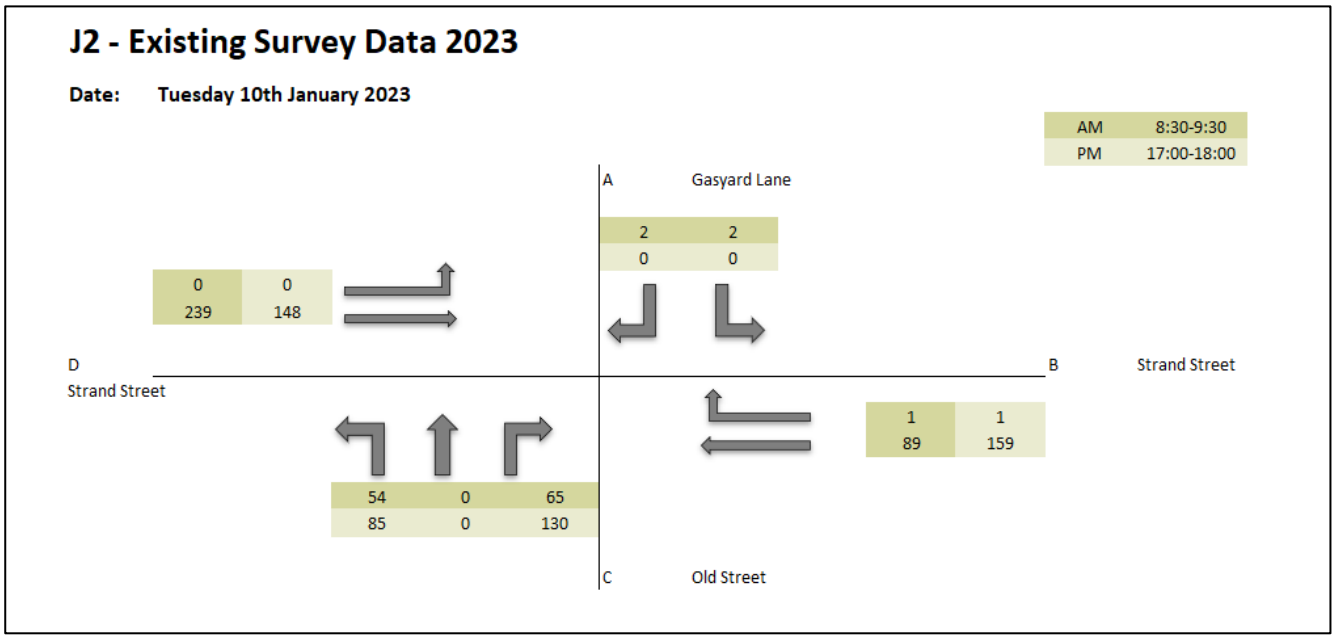


Figure 3-29: January 2023 Peak Hour Traffic Survey Results Junction 2 (PCUs)

3.3.3 Junction 3 – Townyard Lane and the Strand

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 3 generally occurred between 10:30 and 11:30 (AM). The evening peak hour flow was found to be between 16:45 and 17:45 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure 3-30.

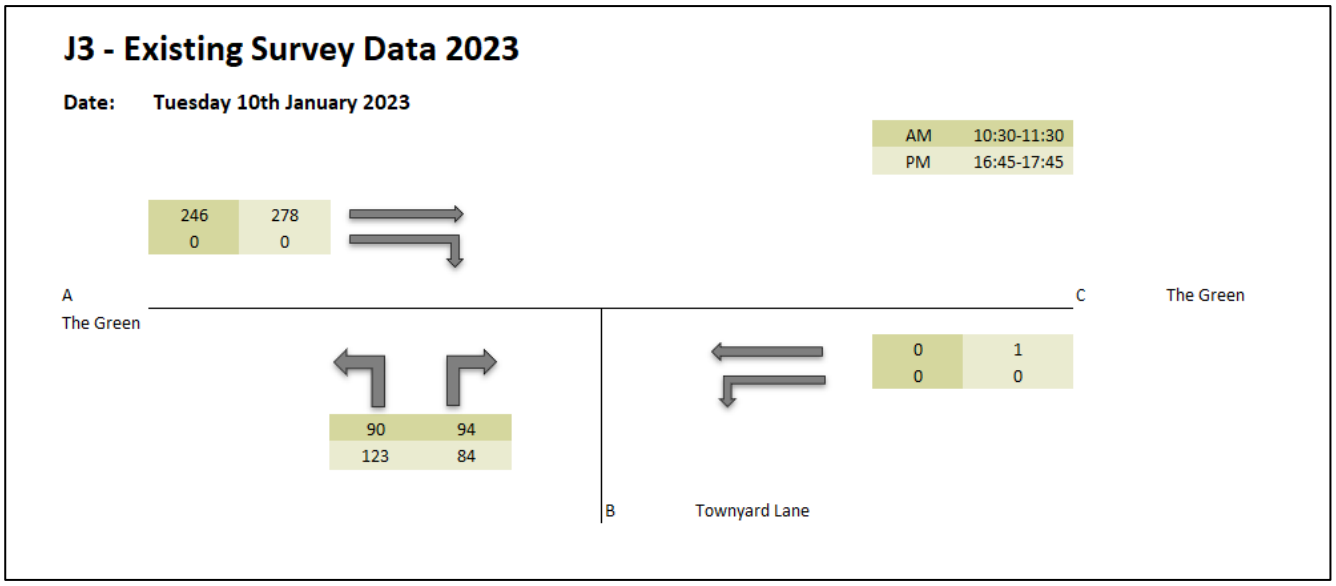


Figure 3-30: January 2023 Peak Hour Traffic Survey Results Junction 3 (PCUs)

3.3.4 Junction 4 – The Diamond - New Street and the R106 (signalised junction)

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 4 generally occurred between 08:30 and 09:30 (AM). The evening peak hour flow was found to be between 15:45 and 16:45 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure 3-31.

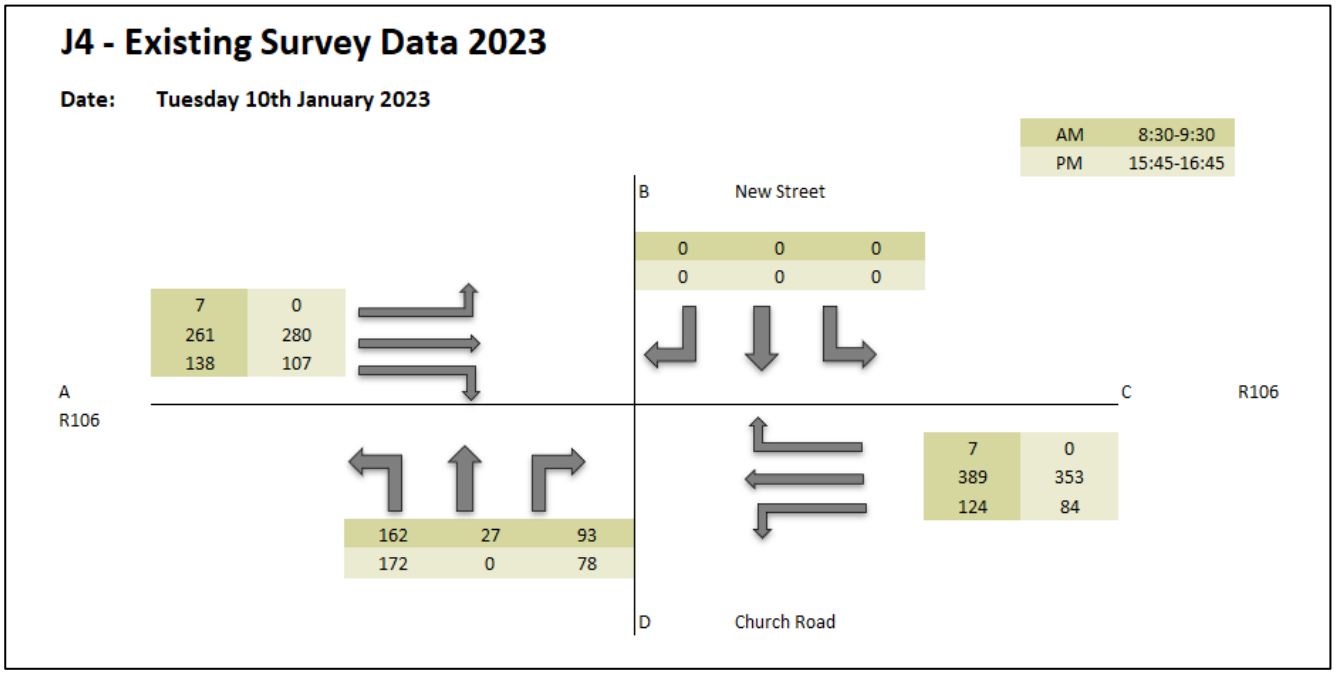


Figure 3-31: January 2023 Peak Hour Traffic Survey Results Junction 4 (PCUs)

3.3.5 Junction 5 – Townyard Lane and The Mall (R106)

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 5 generally occurred between 08:45 and 09:45 (AM). The evening peak hour flow was found to be between 13:00 and 14:00 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure 3-32.

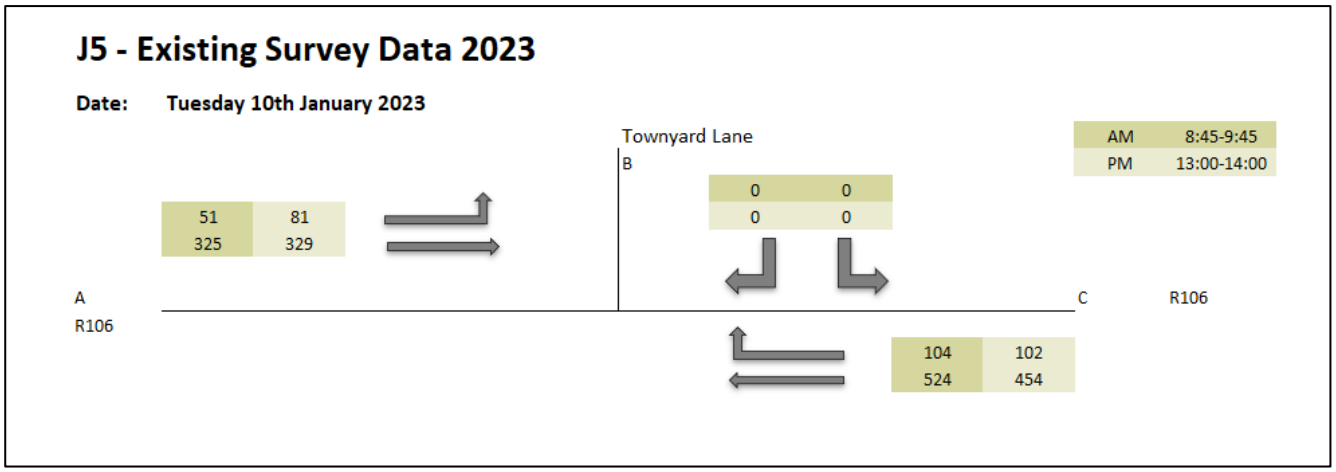


Figure 3-32: January 2023 Peak Hour Traffic Survey Results Junction 5 (PCUs)

3.3.6 Junction 6 – Old Street and the R106

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 6 generally occurred between 08:15 and 09:15 (AM). The evening peak hour flow was found to be between 15:45 and 16:45 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure 3-33.

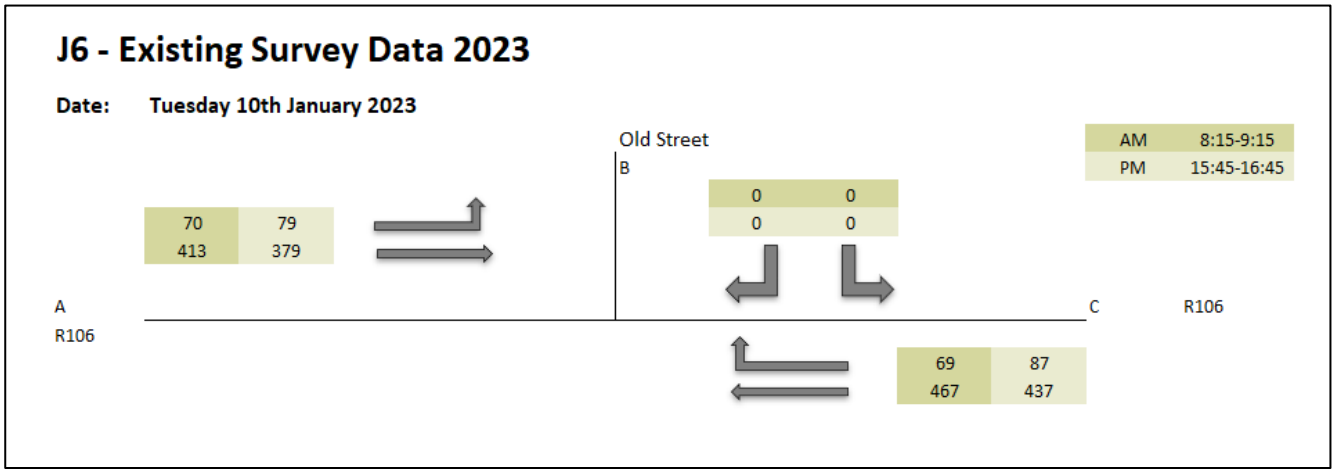


Figure 3-33: January 2023 Peak Hour Traffic Survey Results Junction 6 (PCUs)

3.3.7 Junction 7 – James' Terrace and the R106

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 7 generally occurred between 08:30 and 09:30 (AM). The evening peak hour flow was found to be between 16:30 and 17:30 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure 3-34.

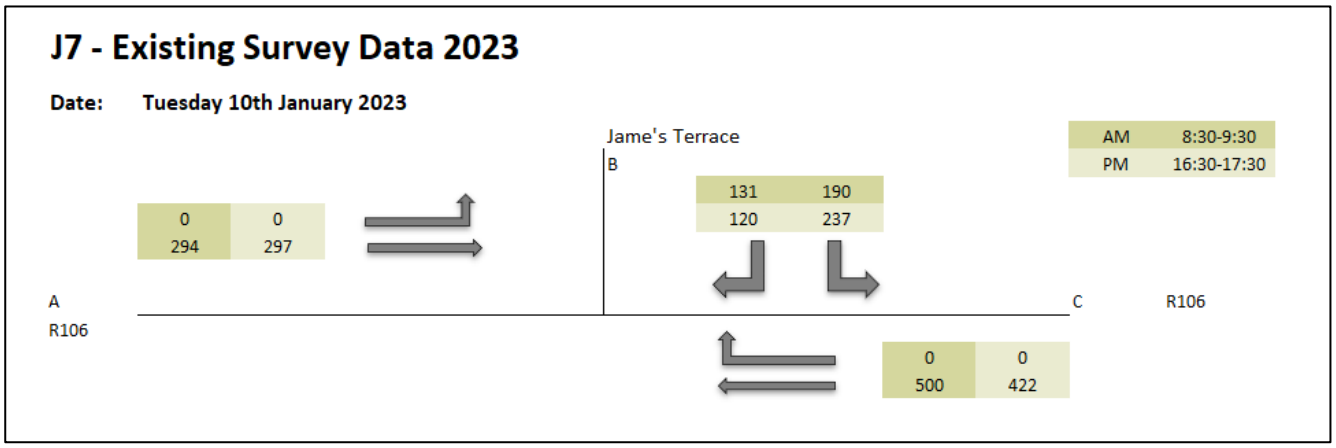


Figure 3-34: January 2023 Peak Hour Traffic Survey Results Junction 7 (PCUs)

3.3.8 Junction 8 – The Rise and the R106

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 8 generally occurred between 08:30 and 09:30 (AM). The evening peak hour flow was found to be between 16:30 and 17:30 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure 3-35.

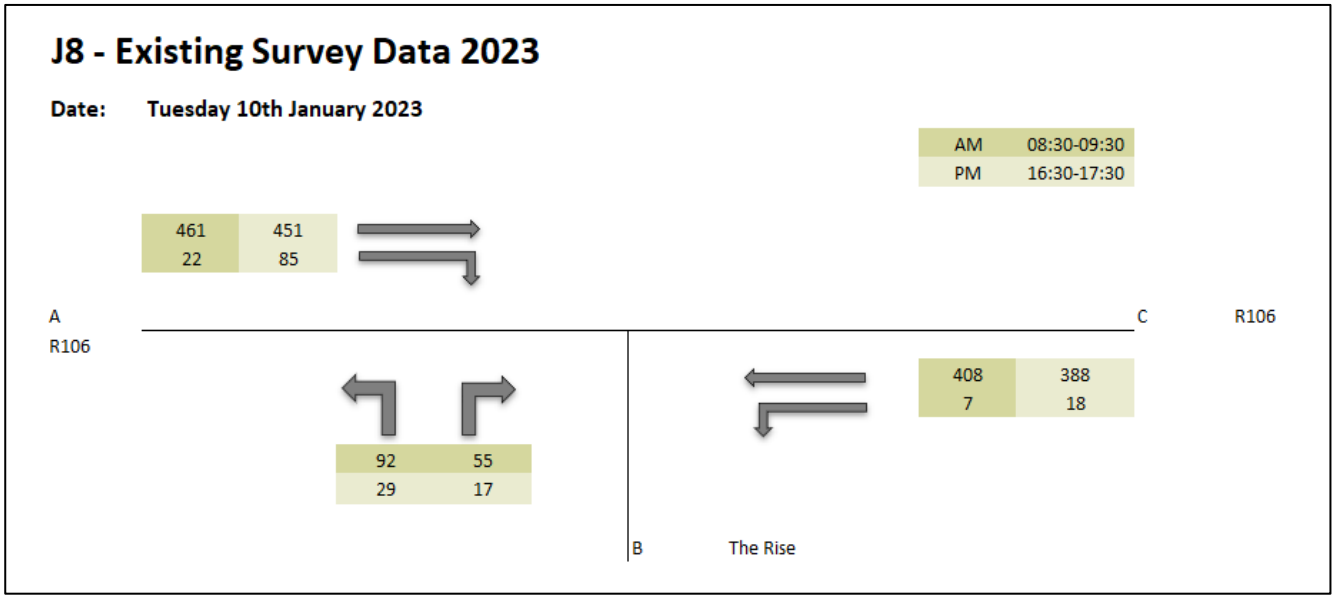


Figure 3-35: January 2023 Peak Hour Traffic Survey Results Junction 8 (PCUs)

3.3.9 Junction 9 – Grove Road and the R106

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 9 generally occurred between 08:30 and 09:30 (AM). The evening peak hour flow was found to be between 16:30 and 17:30 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure 3-36.

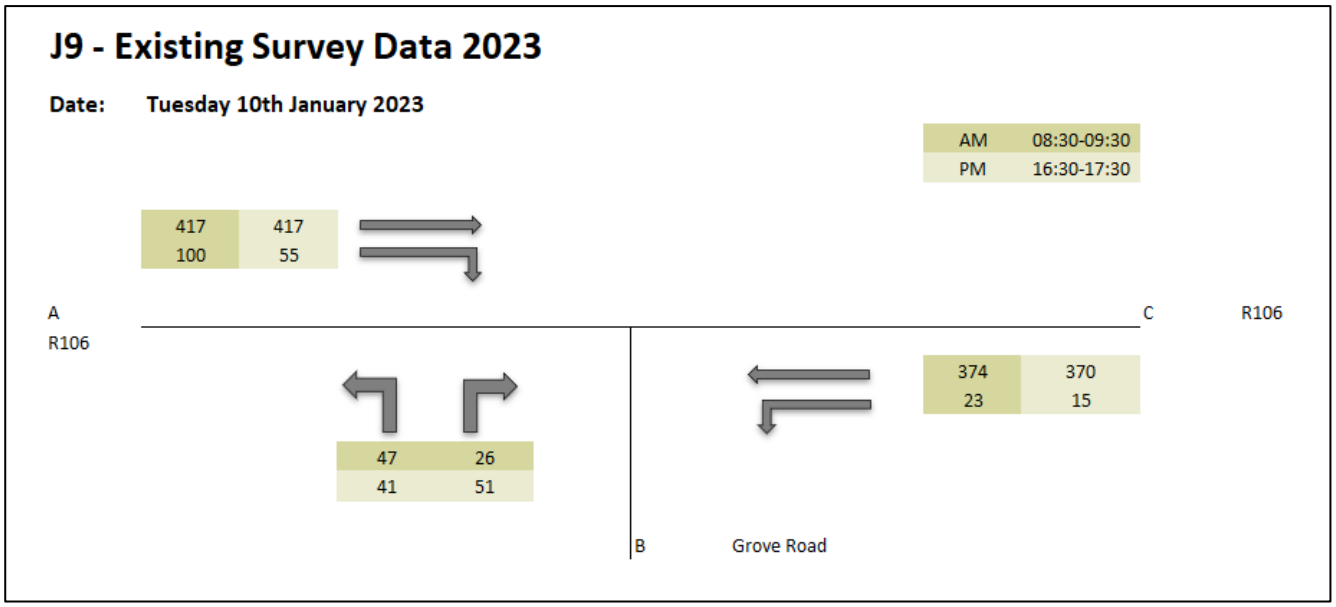


Figure 3-36: January 2023 Peak Hour Traffic Survey Results Junction 9 (PCUs)

3.3.10 Junction 10 – Grove Road and the Rise

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 10 generally occurred between 08:15 and 09:15 (AM). The evening peak hour flow was found to be between 16:30 and 17:30 (PM). The 2023surveyed peak hour turning PCUs are presented in Figure 3-37.

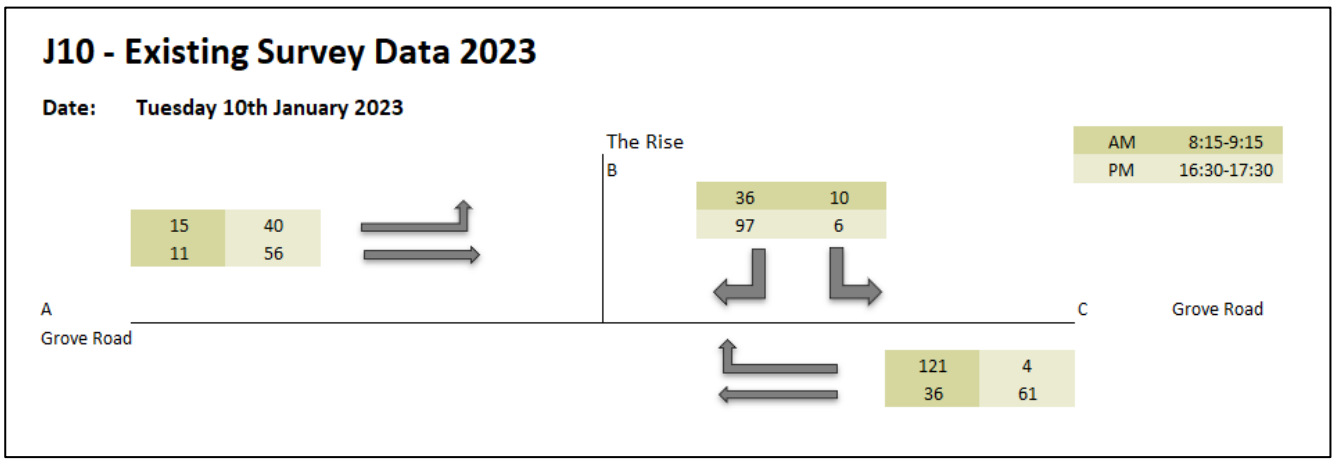


Figure 3-37: January 2023 Peak Hour Traffic Survey Results Junction 10 (PCUs)

3.3.11 Junction 11 – Grove Road and Church Road

The traffic surveys undertaken found that the mean morning peak hour traffic flow at Junction 11 generally occurred between 08:30 and 09:30 (AM). The evening peak hour flow was found to be between 15:45 and 16:45 (PM). The 2023 surveyed peak hour turning PCUs are presented in Figure **3-38**.

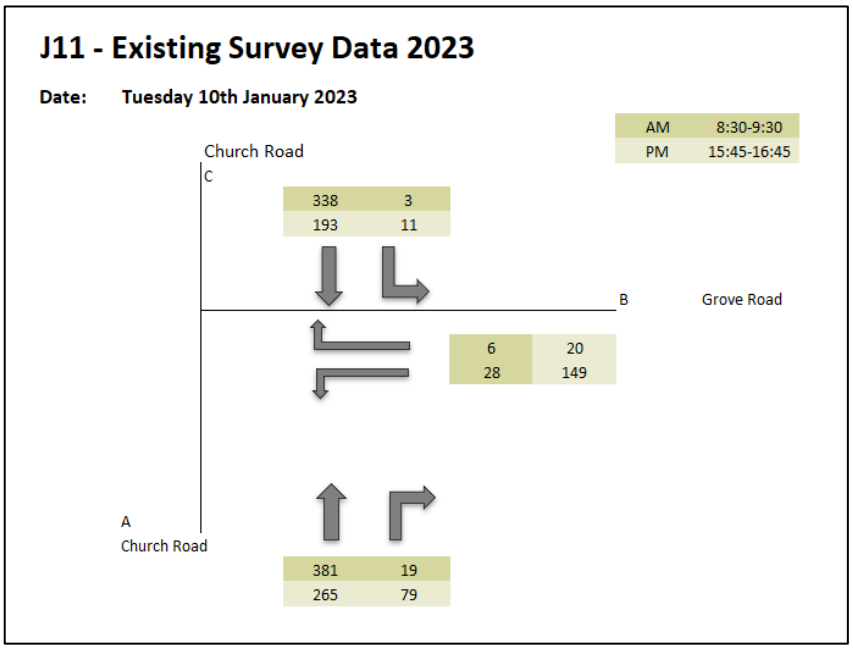


Figure 3-38: January 2023 Peak Hour Traffic Survey Results Junction 11 (PCUs)

3.4 Future Transport Proposals

The site is located in the Fingal Development Plan 2023 – 2029. There are no proposed road upgrades in the vicinity of the site, however the Development Plan outlines indicative cycle/pedestrian routes on The Mall (R106) at the southern border of New Street, as shown in Figure 3-39 and 3-40 below. The Greater Dublin Area (GDA) Cycle Network is also proposed on The Mall (R106).

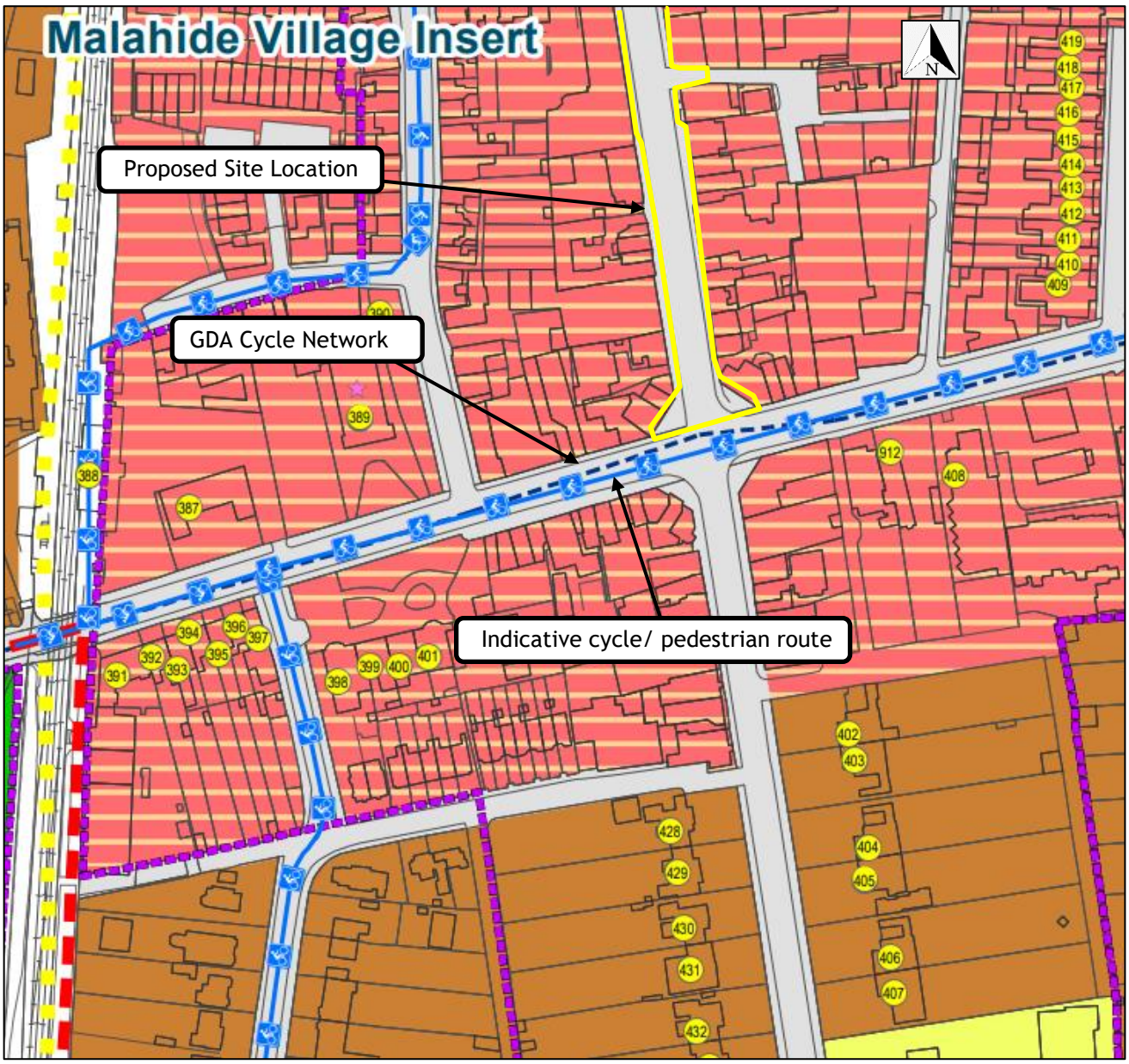


Figure 3-39: Extract from Sheet No.9 from Fingal Development Plan 2017 - 2023.

Figure 3-40: Extract from Fingal Development Plan 2023 - 2029 Interim Publication.

General proposals and objectives as noted in the Development Plan are to reduce car dependency and promote walking and cycling as sustainable modes of transport. The inclusion of indicative cycle/ pedestrian routes and the GDA Cycle Network proposed on The Mall (R106) at the southern end of New Street will improve connectivity to the site.

The land on which the development is proposed is currently a public street and therefore not defined by a land zoning. It is noted that the lands adjacent to either side of New Street are zoned as "TC: Town and District Centre" in the Fingal Development Plan 2023 – 2029 Interim Publication. Refer to Figure 3-39 and Figure 3-40.

4 Proposed Public Realm Improvements

4.1 Description of Proposals

The proposed public realm improvements will comprise: -

i. Widening of footpaths and provision of new kerb edges with existing kerbstones retained, realigned and protected within the widened footpaths and public spaces.
ii. Realignment and narrowing of the trafficable section of New Street (c.150m in length, 0.22ha) and insertion of control measures and all necessary signage to provide for a pedestrianised street with associated traffic flow routes and restrictions allowing for time limited one-way access from 7am to 11am each day for deliveries and emergency vehicles from Main Street/ The Mall to New Street and a two-way access from Strand Street to Ross's Terrace via New Street.
iii. Upgrade of all street surfaces.
iv. Provision of 2no. loading bays at the southern and northern ends of New Street and an accessible parking space in front of the HSE building.
v. Installation of cycle stands at 6no. locations on New Street with capacity for 23no. cycle parking spaces.
vi. Removal and replacement of 11no. existing trees with 37no. trees of species appropriate to the location and environment and provision of soft landscaping and green infrastructure with planting zones for seeded, planted and hedging areas and associated bioretention and tree pit areas.
vii. Provision of outdoor dining zones including tables and chairs and other ancillary moveable structures.
viii. Provision of street furniture including seating, benches and litter and recycling bins and a water feature.
ix. New public lighting.
x. Upgrade of the watermain and foul drainage networks and upgrade and relocation of the surface water drainage network including provision of sustainable urban drainage systems (SUDs) features as part of hard and soft landscaping.
xi. Provision of ducting for existing and future utilities and piped infrastructure.
xii. All associated site and development works.

Fingal County Council will be providing regulatory traffic signs in accordance with Section 95 of the Road Traffic Act 1961 (as amended).

The proposed layout for the public realm improvements is detailed in the series of drawings by DFLA Landscape Architects accompanying this report and an extract is included in Figure 4-1.

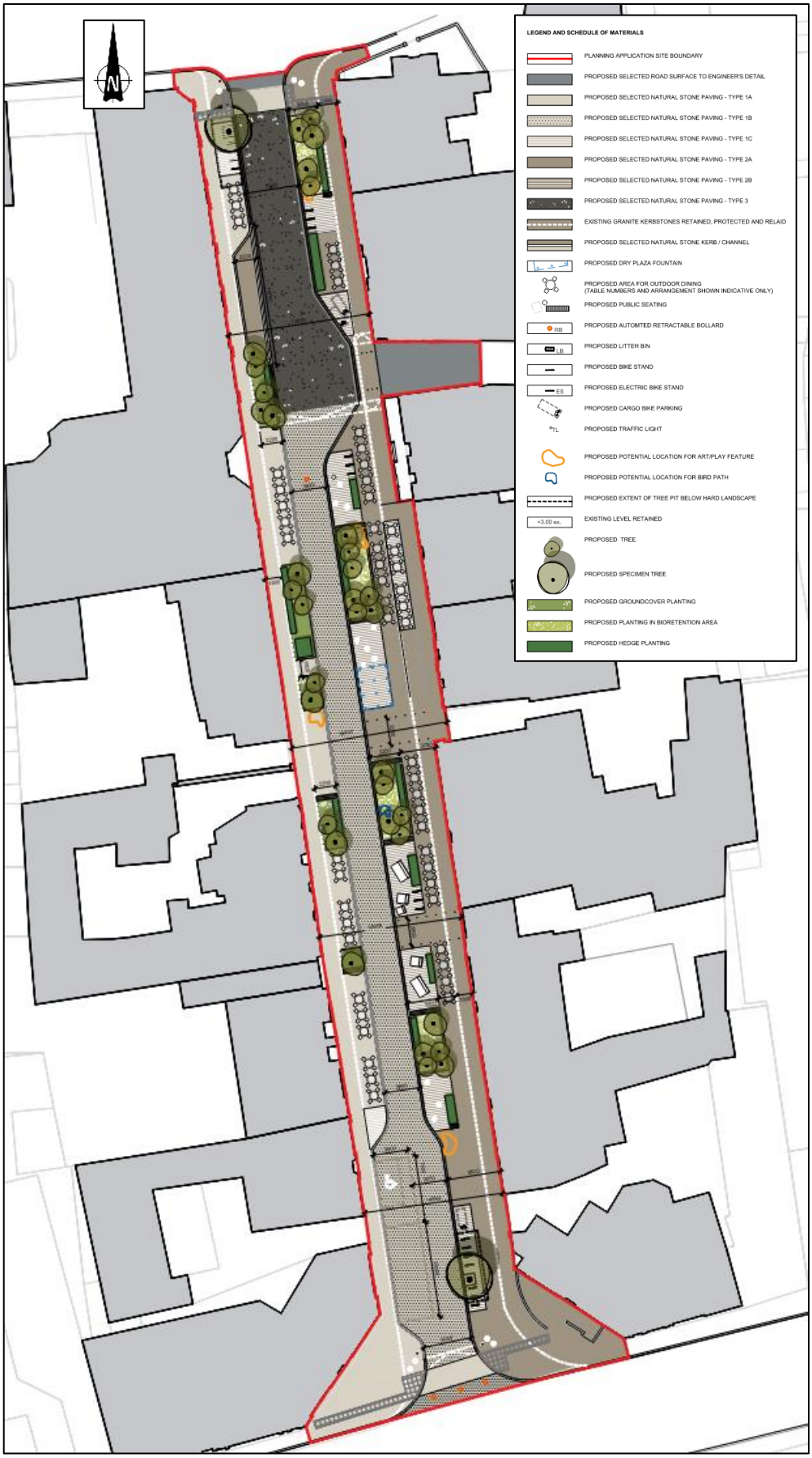


Figure 4-1: Proposed Site Layout (© DFLA)

5 Traffic Forecasting

As discussed in section 4, the proposed public realm improvements for a pedestrianised of New Street has already taken place. Survey data taken in 2019 for a number of junctions was consulted as listed in Table 3-1. In the absences of survey data for all junctions, a growth factor was required in order to estimate 2019 flows based on actual 2023 data.

In the absence of any specific local traffic growth information, it was assumed that baseline traffic grew from 2019 to 2023 at the levels recommended by the TII in the Project Appraisal Guidelines (PAG) – Unit 5.3 - Travel Demand Projections publication by the TII (Oct 2021). The Project Appraisal Guidelines describe three levels of transport model functionality. The static model, which reflects traffic volumes on the basis of link flows, is best suited to the proposed development. Such models do not attempt any route assignment, and hence are applicable for networks where no change in traffic flows will result from a proposed scheme. We have used figures from Table 6.2 'Link-Based Growth Rates' for the Dublin County area.

The 2019 survey year for which the growth was applied would give a 4-year period of growth. This was applied in reverse order i.e. from 2023 back to 2019.

The central growth factors from the Project Appraisal Guidelines – Unit 5.3 publication are appropriate and are detailed below:

- TII Link Based Growth Rates: Annual Growth Factor for 2016-2030 = 1.018 (LVs) and 1.0317 (HVs);

With regards to the volume of traffic using the road, generally the passenger car is adopted as the standard unit and other vehicles are assessed in terms of PCU's. Cars and Light Goods Vehicles are grouped together as Light Vehicles (LV). All other Goods Vehicles, Buses and Coaches are defined as Heavy Vehicles (HV).

6 Trip Assignment and Distribution

There will be no increase in traffic generated by the proposed public realm improvements. However, as cars can no longer use New Street, vehicular traffic will be redistributed to other junctions in the area.

The redistribution of traffic was considered on a junction-by-junction basis. Refer to section 7 of this report for the methodology used at each junction. An overall network flow diagram closest to New Street has been included in Appendix M. (Note: The 2023 diagrams are the actual flows. The 2019 diagrams contain both actual survey data where available and assumed flows calculated using TII growth rates and diverted traffic due to the Pedestrianisation of New Street.)

7 Assessment and Road Impact

The impact on the local external road network has been assessed in this TTA. The scenarios being assessed are as follows: the 2019 'pre-pedestrianisation' of New Street forms the baseline and the analysis seeks to compare this to the 2023 'post-pedestrianisation' traffic arrangements. The 2020 'post-pedestrianisation' scenario is also included for reference but is relied on to a lesser degree due to the impacts of the Covid-19 pandemic on the traffic counts.

This involved examining the traffic flows of the local road network both before and after the proposed development took place.

The morning peak period and the evening peak period have been examined in order to assess the busiest case in terms of local traffic on the road network and traffic generated by the proposed development.

7.1 Junction Analysis

Capacity analysis was carried out for the junctions listed below:

1. Junction of New Street, Strand Street, The Green, Marina Village (signalised junction)
2. Junction of Old Street and Strand Street
3. Junction of Townyard Lane and Strand Street
4. The Diamond - Junction of New Street and the R106 (signalised junction)
5. Junction of Townyard Lane and The Mall (R106)
6. Junction of Old Street and Dublin Road (R106)
7. Junction of James' Terrace and The Mall (R106)
8. Junction of the Rise and The Mall (R106)
9. Junction of Grove Road and The Mall (R106)
10. Junction of Grove Road and the Rise
11. Junction of Grove Road and Church Road

The following scenarios were analysed for all junctions:

1. Survey year: 2023
2. Survey year: 2020 (Where data was available)
3. Survey year: 2019 (Where data was available)
4. Estimated Pre-Pedestrianisation: 2019 (Where no 2019 data was available)

Linsig software was used for the analysis of the signalised junctions. The Junctions 9 software was used for priority junction analysis.

Junctions 9 Analysis Note:

The ratio of flow to capacity (RFC) is an indicator of the likely performance of a junction under design year loading. Due to site-to-site variation, there may be a standard error of prediction of the entry capacity by the formulae of + or - 15% for any site. Thus, queuing should not occur in the various turning movements in the chosen design year peak hour in 5 out of 6 peak hour periods or sites if a maximum RFC of about 85% is used. Once the RFC is at 1.0 the Junctions 9 modelling software produces results regarding queues and delays that is unrepresentative of the actual or likely effects.

LinSig Analysis Note:

The degree of saturation (DOS) is defined as the ratio of demand flow to the maximum flow which can be passed through the junction from a particular approach. If an approach is found to have a DOS greater

than 100%, then it is "over saturated" and long queues will result. The practical capacity is the level of capacity above which the junction is assumed to work inefficiently (usually taken to be 90%). Junction capacities shown below are only one theoretical interpretation of the phase/stage setup for the existing junction. The results should be viewed more for a comparative assessment of with and without proposed development for the various scenarios.

No survey information was available for the pre-pedestrianisation scenario for 6 of the junctions surrounding New Street. In order to compare how the junctions were operating before and after the pedestrianisation of New Street, 2019 flows had to be estimated. This was done using TII growth rates and applying them to the 2023 data. Additionally, assumptions on how the traffic had diverted to other streets post-pedestrianisation had to be made. These were based on proportioning the flows at junctions using existing data and making assumptions on human behaviour, e.g. choosing to avoid the busy town by turning at a certain junction. Refer to Appendix M for Network Flow Diagrams of the assumed diverted traffic movements. (Note: The 2023 diagrams are the actual flows. The 2019 diagrams contain both actual survey data where available and assumed flows calculated using TII growth rates and diverted traffic due to the Pedestrianisation of New Street.)

7.1.1 Junction 1 - New Street and the Strand (signalised junction)

The Linsig output is summarised below and the full detailed output is included in greater detail in Appendix C.

Table 7-1: Summary for Linsig Analysis Results for Junction 1

Peak Hour Flow	Max Degree of Saturation (%)
AM 2023 Existing Survey	45.9
AM 2020 Existing Survey	34.0
AM 2019 Estimated pre-pedestrianisation	69.3
PM 2023 Existing Survey	53.1
PM 2020 Existing Survey	49.0
PM 2019 Estimated pre-pedestrianisation	77.5

The above analysis compares the current performance of the junction using 2023 and 2020 survey data with the estimated performance for 2019. The 2019 figures were estimated using the following methodology and assumptions;

- Using TII growth factors 2019 figures were reverse calculated from 2023. The resulting scenario assumes pedestrianisation of New Street.
- Using the 2019 surveyed data for Junction 4 the total number of PCUs travelling south along New Street was calculated as follows:
    - 33% of traffic that travels south on New Street is assumed to originate from Marina Village.
    - 33% of traffic that travels south on New Street is assumed to originate from The Green.
    - 33% of traffic that travels south on New Street is assumed to originate from Strand Street.

The junction is performing well in all years during the AM and PM peak hours, with an improvement in the 2020, and 2023 scenarios post-pedestrianisation. The above results are based on a 90 second cycle time and calling pedestrians every cycle during peak times.

The results indicate low volumes of traffic resulting in negligible queuing at this junction.

7.1.2 Junction 2 – Old Street and the Strand

The Junction 2 output is summarised below and the full detailed output is included in greater detail in Appendix D.

Table 7-2: Summary of Junctions 9 Analysis Results for Junction 2

Peak Hour Flow	Maximum RFC
AM 2023 Existing Survey	0.56
AM 2020 Existing Survey	0.29
AM 2019 Estimated Pre-Pedestrianisation	-
PM 2023 Existing Survey	0.37
PM 2020 Existing Survey	0.47
PM 2019 Estimated Pre-Pedestrianisation	-

The above analysis compares the current performance of the junction using 2023 survey data with the available 2020 survey data. It should be noted that the 2020 survey results would have been affected by Covid-19 restrictions. No survey was completed for the junction in 2019. However, the junction is operating well within the design threshold in both 2023 and 2020. It is expected that flows would have been less in 2019 as 2023 values would be subject to normal growth as per the TII growth factors, therefore it was not deemed necessary to complete any further analysis.

Based on the survey information, the junction is operating under the design threshold in all years. The results indicate low volumes of traffic resulting in negligible queuing at this junction.

7.1.3 Junction 3 – Townyard Lane and the Strand

The Junction 3 output is summarised below and the full detailed output is included in greater detail in Appendix E.

Table 7-3: Summary of Junctions 9 Analysis Results for Junction 3

Peak Hour Flow	Maximum RFC
AM 2023 Existing Survey	0.40
AM 2020 Existing Survey	-
AM 2019 Estimated Pre-Pedestrianisation	-
PM 2023 Existing Survey	0.47
PM 2020 Existing Survey	-
PM 2019 Estimated Pre-Pedestrianisation	-

The above analysis shows the current performance of the junction using 2023 survey. No survey was completed for the junction in 2019 or 2020. However, the junction is operating well within the design threshold in both 2023 Am and PM scenarios. It is expected that flows would have been less in 2019 as 2023 values would be subject to normal growth as per the TII growth factors and the pedestrianisation in place on New Street, therefore it was not deemed necessary to complete any further analysis.

The results indicate low volumes of traffic resulting in negligible queuing at this junction.

7.1.4 Junction 4 – The Diamond - New Street and the R106 (signalised junction)

The linsig output is summarised below and the full detailed output is included in greater detail in Appendix F.

Table 7-4: Summary of Linsig Analysis Results for Junction 4

Peak Hour Flow	Max Degree of Saturation (%)
AM 2023 Existing Survey	79.6
AM 2020 Existing Survey	115.3
AM 2019 Existing Survey	170.7
PM 2023 Existing Survey	69.4
PM 2020 Existing Survey	136.4
PM 2019 Existing Survey	144.6

The above analysis compares the current performance of the junction using 2023, 2020 and 2019 survey data.

The junction is performing well in 2023 during the AM and PM peak hours, but it is over capacity for 2019 and 2020 scenarios during the AM and PM peak hours. The above results are based on a 90 second cycle time and calling pedestrians every cycle during peak times.

The results indicate maximum queuing of 13.4 PCUs in the peak hour. This is a decrease on the surveyed queuing experienced in 2019, showing that the pedestrianisation of New Street has improved the performance of this junction.

7.1.5 Junction 5 – Townyard Lane and the R106

The Junction 5 output is summarised below and the full detailed output is included in greater detail in Appendix G.

Table 7-5: Summary of Junctions 9 Analysis Results for Junction 5

Peak Hour Flow	Maximum RFC
AM 2023 Existing Survey	0.32
AM 2020 Existing Survey	0.26
AM 2019 Estimated pre-pedestrianisation	0.23
PM 2023 Existing Survey	0.30
PM 2020 Existing Survey	0.36
PM 2019 Estimated pre-pedestrianisation	0.07

The above analysis compares the current performance of the junction using 2023 survey data with the available 2020 survey data and the estimated pre-pedestrianisation values. It should be noted that the 2020 survey results would have been affected by Covid-19 restrictions. In the absence of actual 2019 data an estimated value has been calculated using both TII Growth Factors and accounting for displaced traffic assumed to have previously used New Street. The 2019 figures were estimated using the following methodology and assumptions;

- Using TII growth factors 2019 figures were reverse calculated from 2023. The resulting scenario assumes pedestrianisation of New Street.
- The 2019 survey data indicates that 15 PCUs travelling from the east turn right onto New Street in the AM. Therefore, 15 PCUs were subtracted from the assumed 2019 right turning traffic at Junction 5. This was then repeated for the PM scenario.
- Additionally, a percentage of traffic from Church Road that would have been travelling north on New Street will now turn right onto the R106 and then left onto Townyard lane. Proportions of right turning traffic were calculated based on the 2019 survey at junction 4 and the resulting PCUs were subtracted from the left turning traffic at junction 5.

Based on the 2023 survey information, it is estimated that 1 car will travel along Townyard Lane every 20 seconds compared to 1 car every 40 seconds in 2019. Despite this increase in traffic volumes, the junction is operating under the design threshold in all years. The results indicate low volumes of traffic resulting in negligible queuing at this junction.

7.1.6 Junction 6 – Old Street and the R106

The Junction 6 output is summarised below and the full detailed output is included in greater detail in Appendix H.

Table 7-6:Summary of Junctions 9 Analysis Results for Junction 6

Peak Hour Flow	Maximum RFC
AM 2023 Existing Survey	0.21
AM 2020 Existing Survey	0.21
AM 2019 Estimated pre-pedestrianisation	0.14
PM 2023 Existing Survey	0.26
PM 2020 Existing Survey	0.20
PM 2019 Estimated pre-pedestrianisation	0.13

The above analysis compares the current performance of the junction using 2023 survey data with the available 2020 survey data and the estimated pre-pedestrianisation values. It should be noted that the 2020 survey results would have been affected by Covid-19 restrictions. In the absence of actual 2019 data an estimated value has been calculated using both TII Growth Factors and accounting for displaced traffic assumed to have previously used New Street. The 2019 figures were estimated using the following methodology and assumptions;

- Using TII growth factors 2019 figures were reverse calculated from 2023. The resulting scenario assumes pedestrianisation of New Street.
- It was assumed that traffic travelling west to east in 2019 and turning left at Junction 4 will now turn left at Old Street rather than travelling through the town. These numbers have been subtracted from the assumed 2019 values for Junction 6.
- Additionally, a percentage of traffic from Church Road that would have been travelling north on New Street will now turn left onto the R106 and then right onto Old Street. Proportions of left turning traffic were calculated based on the 2019 survey at junction 4 and the resulting PCUs were subtracted from the right turning traffic at Junction 6.

The junction is operating under the design threshold in all years. The results indicate low volumes of traffic resulting in negligible queuing at this junction. It is noted that bus services have been diverted to Old Street to permit the pedestrianisation of New Street. This has not resulted in queuing at Old Street.

7.1.7 Junction 7 – James Terrace and the R106

The Junction 7 output is summarised below and the full detailed output is included in greater detail in Appendix I.

Table 7-7: Summary of Junctions 9 Analysis Results for Junction 7

Peak Hour Flow	Maximum RFC
AM 2023 Existing Survey	0.80
AM 2020 Existing Survey	0.63
AM 2019 Estimated pre-pedestrianisation	0.41
PM 2023 Existing Survey	0.84
PM 2020 Existing Survey	0.84
PM 2019 Estimated pre-pedestrianisation	0.53

The above analysis compares the current performance of the junction using 2023 survey data with the available 2020 survey data and the estimated pre-pedestrianisation values. It should be noted that the 2020 survey results would have been affected by Covid-19 restrictions. In the absence of actual 2019 data an estimated value has been calculated using both TII Growth Factors and accounting for displaced traffic assumed to have previously used New Street. The 2019 figures were estimated using the following methodology and assumptions;

- Using TII growth factors 2019 figures were reverse calculated from 2023. The resulting scenario assumes pedestrianisation of New Street.
- It was assumed that traffic that would have travelled south along New Street pre-pedestrianisation now travels south along James Terrace. 50% of the surveyed 2019 traffic travelling south on New Street at Junction 4 was subtracted from the reverse calculated 2019 figures.

The junction is operating around the design threshold in 2023 with maximum queuing of 4.7 PCUs experienced at the peak hour. This is an increase of 3.6 PCUs from the 2019 survey results however it is within the norms of an urban environment accounting for the rerouted traffic as a result of the pedestrianisation of New Street.

7.1.8 Junction 8 – The Rise and the R106

The Junction 8 output is summarised below and the full detailed output is included in greater detail in Appendix J.

Table 7-8: Summary of Junctions 9 Analysis Results for Junction 8

Peak Hour Flow	Maximum RFC
AM 2023 Existing Survey	0.47
AM 2020 Existing Survey	-
AM 2019 Existing Survey	0.43
PM 2023 Existing Survey	0.15
PM 2020 Existing Survey	-
PM 2019 Existing Survey	0.18

The above analysis compares the current performance of the junction using 2023 survey data with the available 2019 survey data. No survey was completed for the junction in 2020. The junction is operating well within the design threshold in both 2023 and 2020. There is little difference between the 2019 and 2023 results. The junction is also located at a significant distance from the site and thus would not be overly impacted by the pedestrianisation of New Street. The results indicate low volumes of traffic resulting in negligible queuing at this junction.

7.1.9 Junction 9 – Grove Road and the R106

The Junction 9 output is summarised below and the full detailed output is included in greater detail in Appendix K.

Table 7-9: Summary of Junctions 9 Analysis Results for Junction 9

Peak Hour Flow	Maximum RFC
AM 2023 Existing Survey	0.20
AM 2020 Existing Survey	-
AM 2019 Existing Survey	0.26
PM 2023 Existing Survey	0.23
PM 2020 Existing Survey	-
PM 2019 Existing Survey	0.34

The above analysis compares the current performance of the junction using 2023 survey data with the available 2019 survey data. No survey was completed for the junction in 2020. The junction is operating well within the design threshold in both 2023 and 2020. There is little difference between the 2019 and 2023 results. The junction is also located at a significant distance from the site and thus would not be

overly impacted by the pedestrianisation of New Street. The results indicate low volumes of traffic resulting in negligible queuing at this junction.

7.1.10 Junction 10 – Grove Road and Church Road

The Junction 10 output is summarised below and the full detailed output is included in greater detail in Appendix L.

Table 7-10: Summary of Junctions 9 Analysis Results for Junction 10

Peak Hour Flow	Maximum RFC
AM 2023 Existing Survey	0.24
AM 2020 Existing Survey	-
AM 2019 Existing Survey	0.32
PM 2023 Existing Survey	0.26
PM 2020 Existing Survey	-
PM 2019 Existing Survey	0.12

The above analysis compares the current performance of the junction using 2023 survey data with the available 2019 survey data. No survey was completed for the junction in 2020. The junction is operating well within the design threshold in both 2023 and 2020. There is little difference between the 2019 and 2023 results. The junction is also located at a significant distance from the site and thus would not be overly impacted by the pedestrianisation of New Street. The results indicate low volumes of traffic resulting in negligible queuing at this junction.

7.1.11 Junction 11 – Grove Road and Church Road

The Junction 11 output is summarised below and the full detailed output is included in greater detail in Appendix M.

Table 7-11: Summary of Junctions 9 Analysis Results for Junction 11

Peak Hour Flow	Maximum RFC
AM 2023 Existing Survey	0.11
AM 2020 Existing Survey	-
AM 2019 Existing Survey	0.10
PM 2023 Existing Survey	0.49
PM 2020 Existing Survey	-
AM 2019 Existing Survey	0.51

The above analysis compares the current performance of the junction using 2023 survey data with the available 2019 survey data. No survey was completed for the junction in 2020. The junction is operating well within the design threshold in both 2023 and 2020. There is little difference between the 2019 and 2023 results. The junction is also located at a significant distance from the site and thus would not be overly impacted by the pedestrianisation of New Street. The results indicate low volumes of traffic resulting in negligible queuing at this junction.

7.1.12 Analysis Summary

The junction capacity analysis has been carried out to include for the existing 2023 traffic, the surveyed 2020 traffic and the estimated/surveyed 2019 traffic, summary results are shown in the table below.

Table 7-12: Summary Maximum Results for all Surrounding Junctions

Junction	2023 Surveyed RFC/DOS	2020 Surveyed RFC/DOS	2019 Surveyed RFC/DOS	2019 Estimated RFC/DOS
Junction 1 – New Street and the Strand (signalised junction)	53.1	49.0	-	77.5
Junction 2 – Old Street and the Strand	0.56	0.47	-	*see note below
Junction 3 – Townyard Lane and the Strand	0.47	-	-	*see note below
Junction 4 – New Street and the R106 (signalised junction)	79.6	136.4	170.7	-
Junction 5 – Townyard Lane and the R106	0.32	0.36	-	0.23
Junction 6 – Old Street and the R106	0.26	0.21	-	0.14
Junction 7 – James' Terrace and the R106	0.84	0.84	-	0.53
Junction 8 – The Rise and the R106	0.47	-	0.43	-
Junction 9 – Grove Road and the R106	0.23	-	0.34	-
Junction 10 – Grove Road and The Rise	0.26	-	0.32	-
Junction 11 – Grove Road and Church Road	0.49	-	0.51	-

**Note*: Junction operating within design threshold for the 2023 survey year. It is expected that flows would have been less in 2019 as 2023 values would be subject to normal growth as per the TII growth factors, therefore it was not deemed necessary to complete any further analysis.*

It is considered that in urban areas a certain level of congestion is to be expected during peak times. From the above modelling results, it is concluded that the pedestrianisation of New St has had little impact on the operational capacity of the surrounding network of roads and junctions and has resulted in improvements in efficiencies at the Diamond.

8 Road Safety

A Road Safety Audit for the proposed public realm improvements for a pedestrianised New Street has been undertaken by Bruton Consulting Engineers and supplied as a separate report. The recommendations of the report have been addressed where appropriate within the proposed layout design.

9 Internal Layout

The layout of the proposed public realm improvements is detailed in the landscape architect's drawings submitted as part of this planning submission.

The development consists of public realm improvements for a pedestrianised New Street in Malahide, Co. Dublin.

1. The southern portion of the proposed public realm improvements facilitates one-way restricted traffic movements from the southern end of New Street during designated hours to accommodate deliveries, refuse collection and emergency vehicles. Loading bays and accessible parking coincident with the HSE Building are also provided.
2. The northern portion of the proposed public realm improvements provides two-way access from the northern end of New Street to allow for local residential and emergency vehicle access to Ross Cottages dwellings and environs.

Figure 9-1: Proposed Site Layout (© DFLA)

9.1 DMURS

The roads layout together with pedestrian and cycle facilities for the site have been developed considering the design principles set out in the Design Manual for Roads and Streets (2019). The design speed for the site is 10 kph, and appropriate speed restriction signs will be set out at the entrances to New Street.

The car has a significant impact on how street networks and streets are designed and how people interact with them. The relationship between cars and people can be illustrated via four distinct models:

a. The first model is where traffic and people are segregated, and the car is dominant.
b. The second model is where the car and people are segregated from each other.
c. The third model is where traffic and people mix, although on a more equitable basis.
d. The fourth model is where the car is excluded altogether.

The proposed public realm improvements for a pedestrianised New Street actively migrates from the pre-existing car dominant streetscape and promotion of private motor vehicle use to a pedestrian/cyclist dominated streetscape.

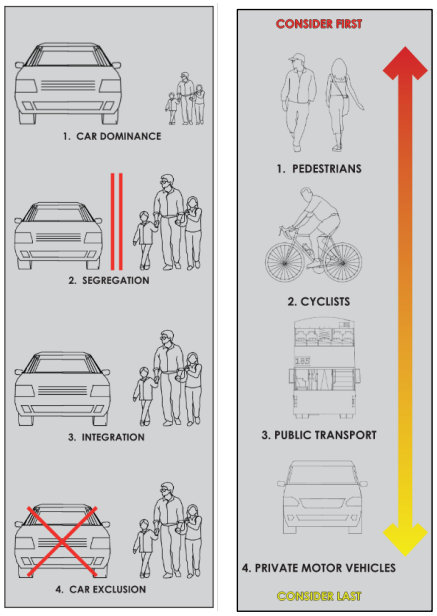


Figure 9-2: DMURS Figure Extracts

A sense of place is established in the public realm design proposals through satisfying the core design principles of:

- **Connectivity:** The creation of vibrant and active places requires pedestrian activity. This in turn requires walkable street networks that can be easily navigated and are well connected.
- **Enclosure:** A sense of enclosure spatially defines streets and creates a more intimate and supervised environment. A sense of enclosure is achieved by orientating buildings toward the street and placing them along its edge as in the case of New Street. The use of street trees and soft and hard landscaping features will also enhance the feeling of enclosure.
- **Active Edge:** An active frontage enlivens the edge of the street creating a more interesting and engaging environment. An active frontage is achieved with frequent entrances and openings that ensure the street is overlooked and generate pedestrian activity as people come and go from buildings, as is naturally the case with New Street and the rejuvenation of activity through the proposed pedestrianisation.
- **Pedestrian Activity/Facilities:** The sense of intimacy, interest and overlooking that is created by a street that is enclosed and lined with active frontages enhances a pedestrian's feeling of security and well-being. Good pedestrian facilities (such as wide footpaths and well-designed crossings) also make walking a more convenient and pleasurable experience that will further encourage pedestrian activity.

9.2 Visibility Splays

The site layout has been developed to provide adequate turning provision for refuse vehicles and fire tender access. Forward visibility and visibility splays have been provided on the basis of the requirements of Sections 4.4.4 and 4.4.5 of the DMURS manual. Compliance with the requirements is set out on the relevant PUNCH drawings.

9.3 Vehicle Manoeuvring

Autotrack analysis has been undertaken to ensure there are no issues with swept paths and manoeuvrability of fire appliances, refuse vehicles and other design vehicles including but not limited to the following:

- Access to the Marina for oversized vehicles carrying boats to/from the Marina, with access required via New Street.
- Fire tender access (to include Turn Table ladder Fire Unit) to New St. & Ross Cottages.
- HGV Access for deliveries
- Accessible parking at HSE Building
- Refuse collection on New Street and Ross Cottages

Please refer to the Vehicle Swept Path drawings prepared by PUNCH for illustration of the various vehicle movements throughout the site extents.

10 Parking

10.1 Car Parking

Due to the nature of the proposed public realm improvements, parking facilities are intentionally limited. Specifically, parking facilities are restricted to a single accessible parking facility at the HSE building location.

It is noted that access to private residential parking is accommodated to existing residential dwellings located on New Street and Ross Cottages.

The 'standard' parking spaces will be demarcated with white lines. All car parking spaces will be 2.4m by 4.8m, with disabled spaces providing an additional width and length of 1.2m.

10.2 Cycle Parking

Cycling is to be significantly encouraged as part of the proposed public realm improvements. Cycle parking serving the public realm improvements is provided as follows:

Table 10-1: Proposed Cycle Parking Quantum for the New Street Public Realm Development

	Standard Bicycle Stands	E-Bike Stands	Cargo Bike Spaces
Total	15	5	3

10.3 Service and Delivery Trips

Vehicular set-down access is provided within the site. Delivery and service access will be facilitated through the loadings bays and designated loading areas distributed throughout the street.

All deliveries will be restricted to designated hours to minimize any potential conflict with non-motorised users. Any non-standard vehicle access, e.g. oversized vehicles carrying boats to/from the Marina, will be scheduled and notified in advance.

11 Construction Stage Traffic

11.1 Construction Phase

The volumes of traffic that will be generated during the construction phase of the proposed public realm improvements will be small in comparison to the existing traffic volumes in the general area.

The construction stage therefore does not require quantitative traffic analysis.

11.2 Construction Traffic Management Plan

The successful contractor will be required to carry out a traffic management plan for the duration of the works. This will involve consultation with the local authority and/or the Gardaí, and once agreed will be adhered to for all aspects of construction that involves movement of vehicles in and out of the site.

12 Public Transport, Pedestrians/ Cyclists

To ensure future transport sustainability and to endeavour to make new developments as accessible as possible to travel by other modes of transport, an assessment has been made of the existing pedestrian, cyclist, and public transport facilities.

12.1 Public Transport

12.1.1 Train Services

Malahide Train Station is served by the following Iarnród Éireann and DART & Dublin Commuter services:

- Dublin – Dundalk/ Newry (Iarnród Éireann)
- Gorey/ Bray – Dublin – Howth/ Newry (DART & Dublin Commuter)
- Newry/ Howth – Dublin – Bray/ Gorey (DART & Dublin Commuter)

As shown in Figure 12-1, the site is connected to the Dublin Area Train and Tram services via the Northwest Commuter Line and to the DART Line. Connection to the Irish Rail network is shown in Figure 12-2. The station is approximately 150m (2-minute walk) from the top entrance of New Street. Please refer to Figure 3-10 for the location of Malahide Train Station with respect to the site boundary.

Train routes are daily.

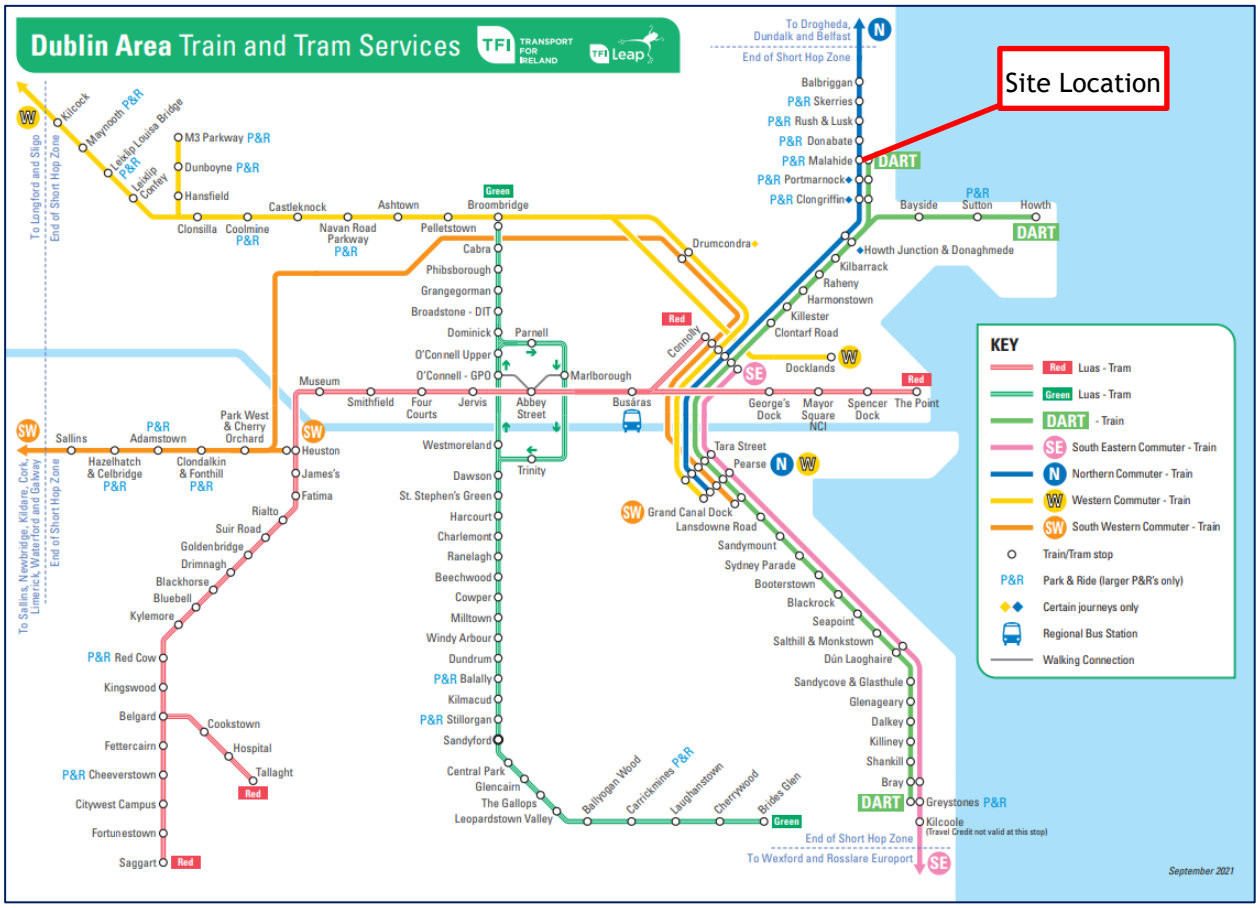


Figure 12-1: Site Location Relative to Dublin Public Transport Network (Ref: https://www.transportforireland.ie)

Figure 12-2: Site Location Relative to National Rail Network (Ref: https://www.irishrail.ie)

12.1.2 Bus Services

The site is in a good location to avail of the majority of bus services available nearby. Figure 12-2 below shows the location of nearby public transport infrastructure in the vicinity of the proposed public realm improvements, and Table 12-1 shows the routes serving the various bus stops.

Bus routes are daily.

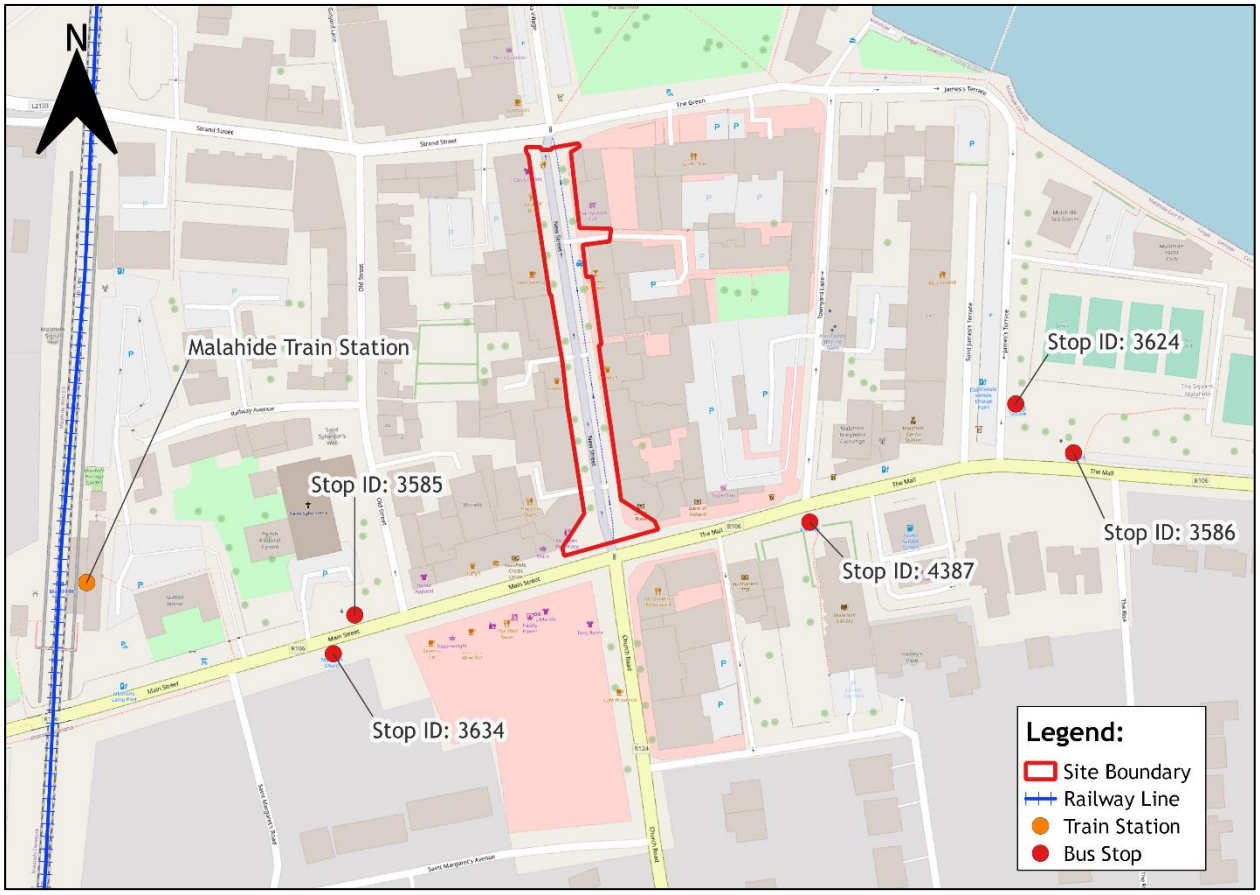


Figure 12-3: Existing Bus Stops/ Train Stations in the vicinity of the proposed public realm improvements.

Table 12-1: Bus routes adjacent to the proposed public realm improvements.

Route No.	Route Name	Operated By	Bus Stop ID:				
			3585	3634	4387	3624	3586
32X	Swords Road (Lawson Spinney) - University College Dublin	Dublin Bus	✓	✓	✓		
42	Talbot Street (opp. Bank of Ireland) - Coast Road	Dublin Bus	✓	✓			
42d	The Helix - Strand Road (St. Anne's Estate)	Dublin Bus	✓	✓			
42n	Dublin City South, D'Olier Str - Portmarnock, Strand Road	Nitelink/ Dublin Bus	✓				✓
102	Dublin Airport - Sutton Station	Go-Ahead	✓	✓	✓		✓
102a	Sutton - Swords	Go-Ahead		✓	✓		
102c	Clarehall – Sutton	Go-Ahead	✓	✓	✓		✓
102p	River Valley – Portmarnock	Go-Ahead	✓	✓	✓		✓
102t	Swords - Sutton	Go-Ahead	✓	✓	✓		✓
142	Wendell Avenue - University College of Dublin UCD	Dublin Bus	✓	✓			
H2	National Lottery Head Quarters - Malahide Garda Station	Dublin Bus			✓	✓	✓

It is noted that the H2 bus, terminating on James's Terrace, has been diverted down Old Street to accommodate the pedestrianisation of New Street. The frequency of this service is limited and therefore this diversion has had minimal impact on Old Street. No change has been made to the service near the estuary.

12.1.3 Taxi Services

Taxis are available on request.

As per Fingal Development Plan (2023-2029), the objective of the plan is to facilitate and promote the development of accessible taxi services. It is also the objective of the plan to facilitate the provision of taxi ranks at appropriate locations on streets. The accessibility of these taxi services is an important element in the public transport mix, in providing a demand responsive 24-hour door to door service.

The taxi rank was moved from New Street to James's Terrace to accommodate the pedestrianisation of New Street. This is currently under review by FCC.

12.2 Pedestrians

The proposed public realm improvements will increase the number of pedestrian trips to and from New Street. It is therefore important that the public realm improvements is properly integrated into the existing footpath network. The integration of the footpath to connect to existing pedestrian routes on The Mall (R106) and Strand Street will provide direct pedestrian routes from New Street to/ from surrounding areas. The pedestrian network also provides routes to/ from the surrounding public transport network, including nearby bus routes on The Mall and Dublin Road (R106), as well as Malahide Train Station.

Pedestrian surveys taken in December 2019 on New Street pre-pedestrianisation indicate a total of 2988 pedestrians travelling along New Street over a 13-hour period between 7am and 8pm. The peak hour occurred between 1-2pm with a total of 385 pedestrians travelling along New Street in the hour.

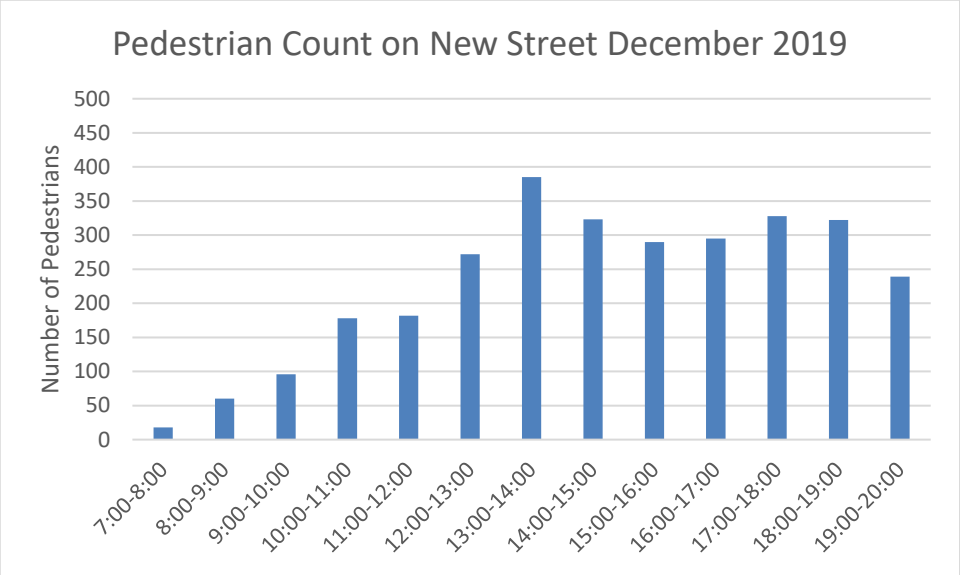


Figure 12-4: Pedestrian Count on New Street (December 2019).

Pedestrian numbers taken in January 2023 show a 23% increase in the number of pedestrians travelling along New Street post pedestrianisation with a total of 3679 pedestrians recorded over the same time period. The peak hour remained 1-2pm with a total of 461 pedestrians travelling along New Street in the hour.

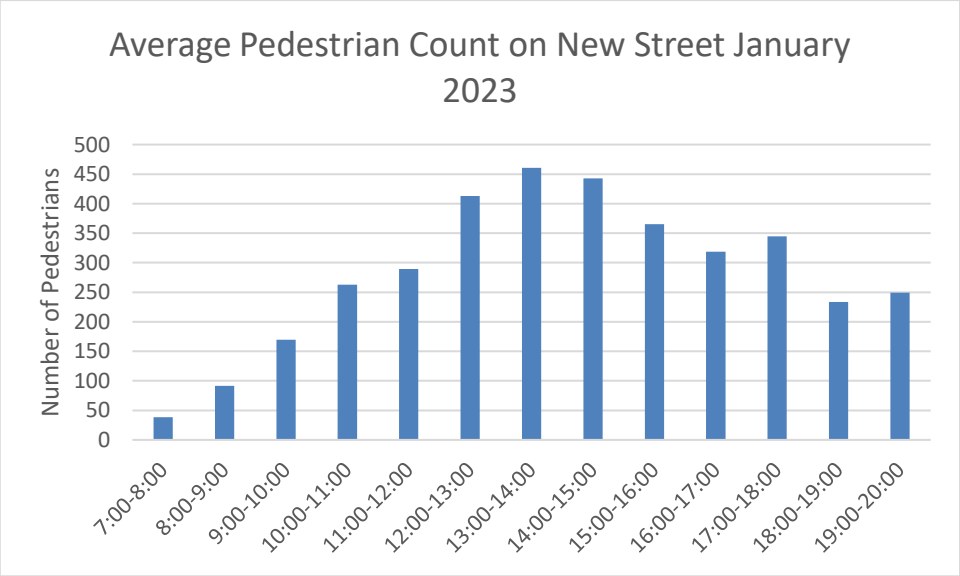


Figure 12-5: Pedestrian Count on New Street (January 2023).

Both surveys were taken during a weekday in winter months, December and January respectively, allowing for a direct comparison to be made. It is expected that the number of pedestrians would increase in the warmer/drier periods of the year.

12.3 Cycling

Cycling is to be significantly encourages as part of the proposed public realm improvements. Bike stand parking is provided at various locations along the street. Cycling enhances both the environment and quality of life of the surrounding area. Cycling has an important transport role, in reducing car usage. The consequential reduction in emissions improves air quality, aids the ecological system and results in less noise pollution.

Providing cycle and pedestrian links that are free of motorised traffic will encourage the use of cycling.

The primary access points to the proposed public realm improvements are via The Diamond, The Mall/Main Street/Dublin Road (R106) to the south and to the north via Strand Street. While there are no existing cycle lanes on either The Mall (R106) or Strand Street, the Fingal Development Plan (2023-2029) outlines proposals for an indicative cycle/pedestrian route on The Mall/Main Street/Dublin Road (R106) at the southern border of New Street. The Greater Dublin Area (GDA) Cycle Network is also proposed on The Mall/Main Street/Dublin Road (R106) which will provide a cycle route from Malahide to Swords. Please refer to Figure 3-39.

The proposed public realm improvements for a pedestrianised New Street will make New Street a focal point with Fingal's Greenway network. New Street would provide connection to numerous alternative Greenway/ cycle way projects that are being proposed or at various planning stages including, the Fingal Coastal Way, Sutton to Malahide Greenway, and Broadmeadow Way. These proposed greenways (shared footpath and cycleways) will provide excellent connection points to and from the proposed public realm improvements at New Street to/ from surrounding areas including: Newbridge Demesne in Donabate to Fingal county boundary, north of Balbriggan (Fingal Coastal Way), Sutton Cross to Baldoyle and Portmarnock to Malahide (Sutton to Malahide Greenway), and Malahide Demesne to Newbridge Demesne via the railway causeway across the Malahide Estuary (Broadmeadow Way).

General proposals and objectives as noted in the Development Plan are to reduce car dependency and promote walking and cycling as sustainable modes of transport. The inclusion of indicative cycle/ pedestrian routes and the GDA Cycle Network proposed on The Mall/Main Street/Dublin Road (R106) at the southern end of New Street as well as proposed Greenways will improve connectivity to the site.

13 Access for People with Disabilities

Parking facilities for disabled users are provided within the proposed public realm improvements at the HSE facility. It is noted that FCC have also provided disabled and age-friendly parking spaces on The Mall and The Green, thus improving facilities in the immediate vicinity of New Street.

14 Summary and Conclusion

1. The development consists of public realm improvements for a pedestrianised New Street in Malahide, Co. Dublin.

2. A number of traffic surveys were compared in order to assess any change in traffic flows due to the proposed public realm improvements for a pedestrianised New Street.

3. It is proposed to access the development as follows:

    a. A one-way restricted vehicular traffic system (northbound).
    b. Deliveries permitted from 7am-11am each day, with vehicle bollards at the Diamond and at the junction with Ross Cottages as control measure.
    c. Unrestricted vehicular access to Ross Cottages (from the north).

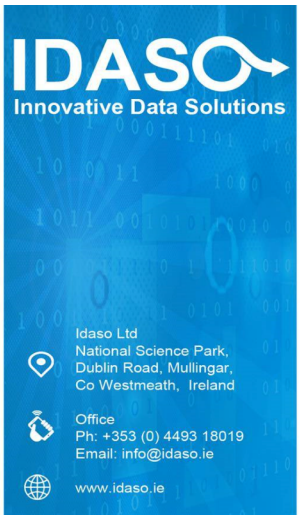
4. Capacity analysis was carried out on 11 no. junctions:
    1. Junction of New Street, Strand Street, The Green, Marina Village (signalised junction)
    2. Junction of Old Street and Strand Street
    3. Junction of Townyard Lane and Strand Street
    4. The Diamond - Junction of New Street and the R106 (signalised junction)
    5. Junction of Townyard Lane and The Mall (R106)
    6. Junction of Old Street and Dublin Road (R106)
    7. Junction of James' Terrace and The Mall (R106)
    8. Junction of the Rise and The Mall (R106)
    9. Junction of Grove Road and The Mall (R106)
    10. Junction of Grove Road and the Rise
    11. Junction of Grove Road and Church Road

    The analysis shows that, when comparing the 2023 post-pedestrianisation with the 2019 pre-pedestrianisation scenarios, there are minimal effects on the capacity for the surrounding junctions and there are significant improvements at The Diamond, the main junction in the village.

5. Parking spaces for the proposed development are restricted to a single accessible parking facility at the HSE building location.

6. Secure cycle parking facilities have been provided within the proposed public realm improvements to meet the requirements set out in the Fingal Development Plan.

Appendix A Existing Survey Data (2019, 2020, 2023)



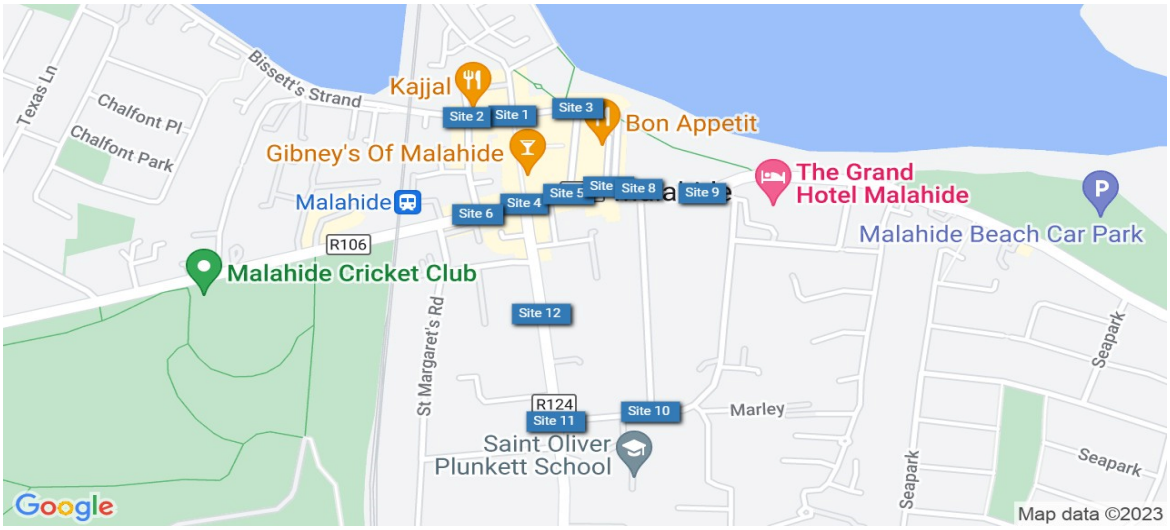
Data Analysis Services
Traffic-Transportation- Commercial-Innovation

003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2

with compliments

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Date: Tue 10 Jan 2023



IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Date: Tue 10 Jan 2023

CAR	• Saloon • Estate • People Carrier • Taxi • Three-wheel Cars • Car towing Trailer
LGV (Light Goods Vehicles)	• Van • Pick-up • Car Delivery Vans • Minibus • Commercial Vehicles < 3.5 Tonnes – single rear tyres
OGV1 (Other Goods Vehicles)	• 2-Axles Rigid Truck • 3-Axles Rigid Truck • Commercial Vehicles > 3.5 Tonnes – single rear tyres
OGV2 (Other Goods Vehicles)	• 4 or more Axles Rigid Truck • 3 Axle or more Articulated Truck • Vehicles in Category OGV1 towing trailer
PSV (Passenger Service Vehicles)	• Single Deck Bus or Coach • Double Deck Bus or Coach
M/C (Motorcycle)	• Motorcycles • Motor Scooters • Mopeds • Three-wheel motorcycles
P/C (Pedal Cycle)	• Two-wheel pushbike • Three-wheel pushbike

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 1
Location: Marina Village/The Green/New St/Strand St
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	15	1	0	0	0	16	16	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	1	0	8	1	0	0	0	10	9.2	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	44	2	0	0	0	47	46.2	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	23	2	1	0	0	26	26.5	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	16	0	1	0	0	17	17.5	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	12	3	0	0	0	15	15	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	11	11	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	61	6	2	0	0	69	70	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	1	0	8	0	1	0	0	10	9.7	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	14	14	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	7	1	0	0	0	8	8	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	12	0	1	0	0	13	13.5	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	41	1	2	0	0	45	45.2	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	9	2	1	0	0	12	12.5	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	14	5	0	0	0	19	19	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	16	1	0	0	0	17	17	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	51	8	1	0	0	60	60.5	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	16	2	0	0	0	18	18	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	10	0	1	0	0	11	11.5	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0	12	12	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	23	2	0	0	0	25	25	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	60	5	1	0	0	66	66.5	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	11	3	0	0	0	14	14	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13	13	0	0	0	0	0	0	0	0
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12:45	0	0	0	0	0	0	0	0	0	0	0	13	1	0	0	0	14	14	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	62	5	0	0	0	67	67	1	0	0	0	0	0	0	1
13:00	0	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0	12	12	0	0	0	1	0	0	0	1
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13:30	0	0	0	0	0	0	0	0	0	0	0	12	2	0	0	0	14	14	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	1	0	49	4	1	0	0	55	54.7	1	0	0	1	0	0	0	2
14:00	0	0	0	0	0	0	0	0	0	3	0	15	1	1	0	0	20	18.1	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	17	1	0	0	0	18	18	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	3	0	53	2	1	0	0	59	57.1	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	13	3	0	0	0	16	16	0	0	0	0	0	0	0	0
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15:30	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	17	1	0	0	0	18	18	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	65	5	0	0	0	70	70	1	0	0	0	0	0	0	1
16:00	0	0	0	0	0	0	0	0	0	0	0	10	2	0	0	0	12	12	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	11	11	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	30	30	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	72	3	0	0	0	75	75	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0
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17:30	0	0	0	0	0	0	0	0	0	0	0	31	2	0	0	0	33	33	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	20	1	0	0	0	21	21	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	97	4	0	0	0	101	101	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13	13	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	12	2	0	0	0	14	14	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	17	17	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	57	2	0	0	0	59	59	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	0	6	0	712	47	8	0	0	773	772.2	3	0	0	1	0	0	0	4

	A => D									B => A									B => B								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	2	0	0	0	0	2	2	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
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0	0	0	9	0	0	0	0	9	9	0	0	3	2	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	0	3	2	0	0	0	5	5	0	0	5	1	0	0	0	6	6	0	0	0	0	0	0	0	0	0
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0	0	0	11	0	0	0	0	11	11	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0
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0	2	0	9	0	0	0	0	11	9.4	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0
0	2	0	30	0	0	0	0	32	30.4	2	0	27	0	0	0	0	29	27.4	0	0	0	0	0	0	0	0	0
0	0	0	3	1	0	0	0	4	4	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0
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0.2	0	0	9	1	0	0	0	10	10	0	0	4	1	0	0	0	5	5	0	0	0	0	0	0	0	0	0
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0.2	1	0	29	2	0	0	0	32	31.2	0	0	26	1	0	0	0	27	27	0	0	0	0	0	0	0	0	0
1	0	0	10	1	0	0	0	11	11	0	0	7	1	0	0	0	8	8	0	0	0	0	0	0	0	0	0
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0.2	0	0	9	0	0	0	0	9	9	0	0	10	1	0	0	0	11	11	0	0	0	0	0	0	0	0	0
1.2	0	0	34	6	0	0	0	40	40	0	0	27	2	0	0	0	29	29	0	0	0	0	0	0	0	0	0
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0.2	0	0	7	0	0	0	0	7	7	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
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0.2	1	0	39	2	0	0	0	42	41.2	1	0	30	0	1	0	0	32	31.7	0	0	0	0	0	0	0	0	0
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0	0	0	5	0	0	0	0	5	5	0	0	12	2	0	0	0	14	14	0	0	0	0	0	0	0	0	0
0	0	0	10	1	2	0	0	13	14	0	0	23	0	0	0	0	23	23	0	0	0	0	0	0	0	0	0
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0	0	0	13	1	0	0	0	14	14	0	0	9	1	0	0	0	10	10	0	0	0	0	0	0	0	0	0
0	0	0	17	1	0	0	0	18	18	1	0	8	1	0	0	0	10	9.2	0	0	0	0	0	0	0	0	0
0	0	0	17	0	0	0	0	17	17	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0
0	0	0	69	3	0	0	0	72	72	1	0	32	3	0	0	0	36	35.2	0	0	0	0	0	0	0	0	0
0	0	0	9	0	0	0	0	9	9	0	0	6	2	0	0	0	8	8	0	0	0	0	0	0	0	0	0
0	0	0	7	0	0	0	0	7	7	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	0	12	0	0	0	0	12	12	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
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0	0	0	38	0	0	0	0	38	38	1	0	26	2	0	0	0	29	28.2	0	0	0	0	0	0	0	0	0
1.6	5	0	437	25	2	0	0	469	466	7	0	351	20	2	0	0	380	375.4	0	0	0	0	0	0	0	0	0

B => C									B => D									C => A									
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C
0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	1	0	5	0	0	0	0	6	5.2	0	0	2	0	1	0	0	3	3.5	0
0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	4	0	0	0	0	4	4	0
0	0	1	0	0	0	0	1	1	1	0	8	0	0	0	0	9	8.2	0	0	7	1	1	0	0	9	9.5	0
0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	6	6	0	0	3	0	1	0	0	4	4.5	0
0	0	0	0	0	0	0	0	0	1	0	11	0	0	0	0	12	11.2	0	0	2	2	0	0	0	4	4	0
0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9	0	0	3	0	0	0	0	3	3	0
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0	0	0	0	0	0	0	0	0	1	0	37	2	0	0	0	40	39.2	1	0	12	2	1	0	0	16	15.7	0
0	0	1	0	0	0	0	1	1	3	0	11	1	1	0	0	16	14.1	0	0	5	0	0	0	0	5	5	0
0	0	1	0	0	0	0	1	1	0	0	5	0	0	0	0	5	5	0	0	2	0	0	0	0	2	2	0
0	0	0	0	0	0	0	0	0	0	0	7	1	0	0	0	8	8	0	0	0	0	1	0	0	1	1.5	0
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0	0	2	0	0	0	0	2	2	3	0	31	4	1	0	0	39	37.1	0	0	7	0	1	0	0	8	8.5	0
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0	0	0	0	0	0	0	0	0	3	0	13	1	0	0	0	17	14.6	0	0	1	2	0	0	0	3	3	0
1	0	0	0	0	0	0	1	0.2	1	0	9	0	0	0	0	10	9.2	0	0	1	0	0	0	0	1	1	0
1	0	0	0	0	0	0	1	0.2	4	0	45	3	0	0	0	52	48.8	0	0	7	3	0	0	0	10	10	0
0	0	0	0	0	0	0	0	0	0	0	12	1	0	0	0	13	13	0	0	1	0	1	0	0	2	2.5	0
0	0	0	0	0	0	0	0	0	0	0	11	3	0	0	0	14	14	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	1	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0
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0	0	2	0	0	0	0	2	2	0	0	47	4	0	0	0	51	51	1	0	1	0	1	0	0	3	2.7	0
0	0	1	0	0	0	0	1	1	1	0	10	2	0	0	0	13	12.2	1	0	0	0	0	0	0	1	0.2	0
0	0	1	0	0	0	0	1	1	0	0	8	4	0	0	0	12	12	0	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	2	2	0	0	16	2	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	1	1	0	18	0	0	0	0	19	18.2	0	0	0	0	0	0	0	0	0	0
0	0	4	1	0	0	0	5	5	2	0	52	8	0	0	0	62	60.4	1	0	0	0	0	0	0	1	0.2	0
0	0	0	0	0	0	0	0	0	0	0	14	5	0	0	0	19	19	1	0	0	0	0	0	0	1	0.2	0
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0	0	0	1	0	0	0	1	1	0	0	21	2	0	0	0	23	23	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20	20	1	0	1	0	0	0	0	2	1.2	0
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0	0	0	0	0	0	0	0	0	1	0	8	2	0	0	0	11	10.2	1	0	0	0	0	0	0	1	0.2	0
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0	0	1	0	0	0	0	1	1	3	0	46	7	1	0	0	57	55.1	1	0	0	0	0	0	0	1	0.2	1
0	0	0	0	0	0	0	0	0	0	0	10	3	0	0	0	13	13	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	16	2	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0
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0	0	1	0	0	0	0	1	1	0	0	57	7	0	0	0	64	64	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0
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0	0	0	1	0	0	0	1	1	0	0	9	4	0	0	0	13	13	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	1	1	0	59	6	0	0	0	66	65.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	20	1	0	0	0	22	21.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	17	2	0	0	0	19	19	0	0	1	1	0	0	0	2	2	0
0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	9	2	0	0	0	11	11	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1	0	65	5	0	0	0	71	70.2	0	0	1	1	0	0	0	2	2	1
0	0	2	1	0	0	0	3	3	1	0	20	0	0	0	0	21	20.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	11	1	0	0	0	13	12.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	10	1	0	0	0	12	11.2	0	0	0	0	0	0	0	0	0	0
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0	0	3	1	0	0	0	4	4	3	0	53	2	0	0	0	58	55.6	0	0	0	0	0	0	0	0	0	0
1	0	14	4	0	0	0	19	18.2	19	0	568	55	2	0	0	644	629.8	6	0	36	7	4	0	0	53	50.2	2

C => B								C => C									C => D										
M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C
0	1	0	1	0	0	2	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	1	1.5	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	1.2	0	0
0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	1	0	2	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	3	1	4	0	0	8	10	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	0	4	3.2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0
0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	1	1	2	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0
0	3	0	1	0	0	4	4.5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0
0	5	2	3	0	0	10	11.5	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	6	6	0	0
0	2	2	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2	0	0
0	5	3	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	1
0	0	1	1	0	0	2	2.5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0
0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	3	2.7	0	0
0	10	6	1	0	0	17	17.5	0	0	0	0	0	0	0	0	0	1	0	4	2	1	0	0	8	7.7	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0
0	3	0	1	0	0	4	4.5	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3	0	0
0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0
0	5	1	0	0	0	6	6	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	1.2	0	0
0	10	1	1	0	0	12	12.5	0	0	0	0	0	0	0	0	0	1	0	6	2	0	0	0	9	8.2	0	0
0	1	2	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0
0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	0	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	5	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4	0	0
0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	4	1	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
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0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0
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0	1	0	0	0	0	2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	3	1	0	0	0	5	4.2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0
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0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	1.2	0	0
0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	3	2	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0
0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0
0	1	0	0	0	0	2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	3	2.2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	1	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	3	2.2	1	0
0	42	21	9	0	0	74	76.9	0	0	0	0	0	0	0	0	0	5	0	35	11	1	0	0	52	48.5	1	1

D => A							D => B									D => C											
CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR
4	0	0	0	0	4	4	0	0	6	1	1	0	0	8	8.5	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	3	3	0	0	45	2	2	0	2	51	54	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	7	7	0	0	13	0	1	0	0	14	14.5	0	0	0	0	0	0	0	0	0	0	0	0
15	1	0	0	0	16	16	0	0	15	1	0	0	0	16	16	0	0	0	0	0	0	0	0	0	0	0	0
29	1	0	0	0	30	30	0	0	79	4	4	0	2	89	93	0	0	0	0	0	0	0	0	0	0	0	0
19	2	0	0	0	21	21	1	0	34	3	0	0	1	39	39.2	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	11	11	0	0	56	4	0	1	0	61	62.3	0	0	0	1	0	0	0	1	1	0	0	0
20	1	1	0	0	22	22.5	1	0	63	4	3	0	1	72	73.7	0	0	1	0	0	0	0	1	1	0	0	0
21	0	0	0	0	21	21	3	0	38	3	1	0	0	45	43.1	0	0	1	0	0	0	0	1	1	0	0	0
71	3	1	0	0	75	75.5	5	0	191	14	4	1	2	217	218.3	0	0	2	1	0	0	0	3	3	0	0	0
22	1	0	0	0	23	23	1	1	37	5	0	0	0	44	42.6	0	0	1	0	0	0	0	1	1	0	0	0
21	0	0	0	0	22	21.4	2	0	30	1	1	0	0	34	32.9	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	14	14	0	0	17	2	0	0	1	20	21	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	0	0	24	24.5	0	0	34	2	1	0	0	37	37.5	0	0	0	0	0	0	0	0	0	0	0	0
78	3	1	0	0	83	82.9	3	1	118	10	2	0	1	135	134	0	0	1	0	0	0	0	1	1	0	0	0
14	0	0	0	0	14	14	1	0	44	5	0	0	1	51	51.2	0	0	0	0	0	0	0	0	0	0	0	0
15	3	0	0	0	18	18	1	0	45	0	1	0	1	48	48.7	0	0	0	0	0	0	0	0	0	0	0	0
22	1	1	0	0	24	24.5	0	0	42	2	1	0	0	45	45.5	0	0	0	0	0	0	0	0	0	0	0	0
15	2	0	0	0	17	17	0	0	29	3	1	0	0	33	33.5	0	0	0	0	0	0	0	0	0	0	0	0
66	6	1	0	0	73	73.5	2	0	160	10	3	0	2	177	178.9	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	17	17	0	1	28	4	1	0	1	35	35.9	0	0	1	1	0	0	0	2	2	0	0	0
8	1	0	0	0	9	9	1	0	25	4	0	0	0	30	29.2	0	0	1	0	0	0	0	1	1	0	0	0
16	1	0	0	0	17	17	0	0	32	0	0	0	0	32	32	0	0	1	0	0	0	0	1	1	0	0	0
16	1	0	0	0	17	17	0	0	24	1	0	0	1	26	27	0	0	1	1	0	0	0	2	2	0	0	0
57	3	0	0	0	60	60	1	1	109	9	1	0	2	123	124.1	0	0	4	2	0	0	0	6	6	0	0	0
13	2	0	0	0	15	15	0	0	30	3	0	0	0	33	33	0	0	0	0	0	0	0	0	0	0	0	0
10	1	1	0	0	12	12.5	0	0	36	2	0	0	0	38	38	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	13	13	0	1	28	1	0	0	1	31	31.4	0	1	0	1	0	0	0	2	1.4	0	0	0
12	5	0	0	0	17	17	0	0	33	5	0	0	0	38	38	0	0	0	0	0	0	0	0	0	0	0	0
48	8	1	0	0	57	57.5	0	1	127	11	0	0	1	140	140.4	0	1	0	1	0	0	0	2	1.4	0	0	0
16	0	0	0	0	16	16	2	0	30	2	0	0	1	35	34.4	0	0	1	0	0	0	0	1	1	0	0	0
12	1	0	0	0	13	13	0	0	37	1	0	0	0	38	38	0	0	1	1	0	0	0	2	2	0	0	0
12	3	0	0	0	15	15	0	0	27	2	0	0	1	30	31	0	0	0	0	0	0	0	0	0	0	0	0
13	1	0	0	0	14	14	0	0	32	3	0	0	0	35	35	0	0	1	0	0	0	0	1	1	0	0	0
53	5	0	0	0	58	58	2	0	126	8	0	0	2	138	138.4	0	0	3	1	0	0	0	4	4	0	0	0
13	2	0	0	0	15	15	0	0	26	1	2	0	1	30	32	1	0	1	0	0	0	0	2	1.2	0	0	0
14	0	0	0	0	14	14	0	0	47	0	0	0	0	47	47	0	0	2	0	0	0	0	2	2	0	0	0
16	0	0	0	0	16	16	1	0	35	1	2	0	1	40	41.2	0	0	1	0	0	0	0	1	1	0	0	0
25	2	0	0	0	27	27	0	0	35	5	1	0	0	41	41.5	0	0	0	0	0	0	0	0	0	0	0	0
68	4	0	0	0	72	72	1	0	143	7	5	0	2	158	161.7	1	0	4	0	0	0	0	5	4.2	0	0	0
13	0	0	0	0	13	13	0	0	42	1	0	0	0	43	43	0	0	1	0	0	0	0	1	1	0	0	0
11	0	0	0	0	11	11	1	0	32	1	2	0	1	37	38.2	0	0	0	1	0	0	0	1	1	0	0	1
11	1	0	0	0	12	12	0	0	32	4	0	0	1	37	38	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	15	15	0	0	47	0	0	0	0	47	47	0	0	1	1	0	0	0	2	2	0	0	0
50	1	0	0	0	51	51	1	0	153	6	2	0	2	164	166.2	0	0	2	2	0	0	0	4	4	0	0	1
16	0	0	0	0	16	16	0	0	30	2	0	0	0	32	32	0	0	1	0	0	0	0	1	1	0	0	0
20	0	0	0	0	20	20	0	0	33	0	0	0	1	34	35	0	0	0	0	0	0	0	0	0	0	0	0
24	2	0	0	0	26	26	0	0	55	1	0	0	1	57	58	0	0	1	0	0	0	0	1	1	0	0	0
26	4	0	0	0	30	30	0	0	40	1	1	0	1	43	44.5	0	0	0	0	0	0	0	0	0	0	0	0
86	6	0	0	0	92	92	0	0	158	4	1	0	3	166	169.5	0	0	2	0	0	0	0	2	2	0	0	0
29	0	0	0	0	29	29	0	1	40	1	0	0	0	42	41.4	0	0	1	0	0	0	0	1	1	0	0	0
27	1	0	0	0	28	28	0	0	28	3	0	0	1	32	33	0	0	0	1	0	0	0	1	1	0	0	0
32	0	0	0	0	32	32	0	0	40	1	0	0	1	42	43	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	13	13	0	0	52	2	0	0	0	54	54	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0	0	0	102	102	0	1	160	7	0	0	2	170	171.4	0	0	1	1	0	0	0	2	2	0	0	0
19	0	0	0	0	19	19	1	0	60	1	0	0	1	63	63.2	0	0	0	0	0	0	0	0	0	0	0	0
27	2	0	0	0	29	29	0	0	36	1	0	0	0	37	37	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	14	13.2	0	0	25	1	0	0	1	27	28	0	0	0	0	0	0	0	0	0	0	0	0
14	1	0	0	0	15	15	0	0	45	2	0	0	0	47	47	0	0	1	0	0	0	0	1	1	0	0	0
73	3	0	0	0	77	76.2	1	0	166	5	0	0	2	174	175.2	0	0	1	0	0	0	0	1	1	0	0	0
780	44	4	0	0	830	830.6	16	4	1690	95	22	1	23	1851	1871.1	1	1	20	8	0	0	0	30	28.6	0	0	1

D => D					
LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
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0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
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0	0	0	0	0	0
0	0	0	0	0	0
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0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
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0	0	0	0	0	0
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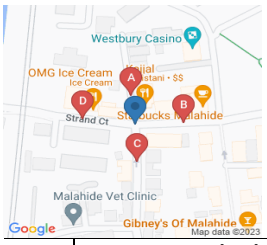
0	0	0	0	1	1



IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 2
Location: Gas Yard Ln/Strand St/Old St/Strand Ct
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	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	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	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	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	2	0	0	2	3	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3	4	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	0	0	0	10	2	2	0	0	14	15	0	0	0	0	0	0	0	0

	A => D									B => A									B => B								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	3	0	0	0	0	3	3	0	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0	1	1.5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1
0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
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0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0
0	0	0	15	1	0	0	0	16	16	1	0	7	0	0	0	0	8	7.2	0	0	8	0	1	0	0	9	9.5

B => C									B => D									C => A									
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C
0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	0	5	4.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	7	1	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	25	3	0	0	0	29	28.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	20	1	0	0	0	21	21	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	19	0	0	0	0	20	19.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	21	3	0	0	0	24	24	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	4	0	21	3	1	0	0	29	26.3	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	1	0	17	2	0	0	0	20	19.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	5	0	70	8	1	0	0	84	80.5	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	18	2	0	0	0	20	20	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	22	2	0	0	0	24	24	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	3	0	29	2	0	0	0	34	31.6	0	0	1	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	2	0	20	2	0	0	0	24	22.4	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	5	0	89	8	0	0	0	102	98	0	0	1	0	0	0	0	1	1	1
0	0	0	0	0	0	0	0	0	0	0	16	2	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	17	3	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2	0	22	0	0	0	0	24	22.4	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2	0	73	5	0	0	0	80	78.4	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	14	3	0	0	0	18	17.2	0	0	1	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	16	3	0	0	0	19	19	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	23	5	0	0	0	28	28	0	0	0	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	2	0	28	0	0	0	0	30	28.4	0	0	0	1	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	3	0	81	11	0	0	0	95	92.6	0	0	1	2	0	0	0	3	3	0
0	0	0	0	0	0	0	0	0	0	0	24	8	0	0	0	32	32	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	24	2	0	0	0	26	26	0	0	0	0	1	0	0	1	1.5	0
0	0	0	0	0	0	0	0	0	0	0	29	5	0	0	0	34	34	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	29	2	0	0	0	31	31	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2	0	12	2	0	0	0	16	14.4	0	0	1	0	1	0	0	2	2.5	0
0	0	0	0	0	0	0	0	0	1	0	17	2	0	0	0	20	19.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	19	1	1	0	0	21	21.5	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	3	0	77	7	1	0	0	88	86.1	0	0	1	0	1	0	0	2	2.5	0
0	0	0	0	0	0	0	0	0	1	0	21	6	0	0	0	28	27.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	21	2	0	0	0	23	23	0	0	1	0	0	0	0	1	1	0
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0	0	0	0	0	0	0	0	0	1	0	24	2	0	0	0	27	26.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	2	0	94	11	0	0	0	107	105.4	0	0	1	1	0	0	0	2	2	0
0	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	24	24	0	0	1	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	1	0	19	2	0	0	0	22	21.2	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	22	4	2	0	0	28	29	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	36	36	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	101	6	2	0	0	110	110.2	0	0	1	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	44	1	0	0	0	45	45	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	35	3	0	0	0	38	38	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	38	2	0	0	0	40	40	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	26	1	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	143	7	0	0	0	150	150	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	28	28	0	0	0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1	0	21	1	0	0	0	23	22.2	0	0	1	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	1	0	26	0	0	0	0	27	26.2	0	0	1	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	25	25	0	0	1	0	0	0	0	1	1	0
0	0	0	0	0	0	0	0	0	2	0	100	1	0	0	0	103	101.4	0	0	3	0	0	0	0	3	3	1
0	0	0	0	0	0	0	0	0	25	0	1041	87	4	0	0	1157	1139	0	0	9	3	2	0	0	14	15	3

C => B								C => C									C => D										
M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C
0	5	1	1	0	0	7	7.5	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8	0	0
0	42	1	2	0	2	47	50	0	0	0	0	0	0	0	0	0	0	0	32	0	0	0	0	32	32	0	0
0	10	0	1	0	0	11	11.5	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	16	16	0	0
0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	16	16	0	0
0	68	2	4	0	2	76	80	0	0	0	0	0	0	0	0	0	0	0	72	0	0	0	0	72	72	0	0
0	21	1	0	0	1	23	24	0	0	0	0	0	0	0	0	0	0	0	22	0	0	1	0	23	24.3	0	0
0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	9	0	1	0	0	10	10.5	0	0
0	10	1	1	0	1	13	14.5	0	0	0	0	0	0	0	0	0	0	0	16	0	1	0	0	17	17.5	0	0
0	10	0	1	0	0	11	11.5	0	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0	12	12	0	0
0	56	2	2	0	2	62	65	0	0	0	0	0	0	0	0	0	0	0	58	1	2	1	0	62	64.3	0	0
0	23	1	0	0	0	25	24.2	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	14	14	0	0
1	20	0	0	0	0	21	20.4	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	6	6	0	0
0	9	1	0	0	1	11	12	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9	0	0
0	27	1	1	0	0	29	29.5	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6	0	0
1	79	3	1	0	1	86	86.1	0	0	0	0	0	0	0	0	0	0	0	34	1	0	0	0	35	35	0	0
0	32	4	0	0	1	38	38.2	0	0	0	0	0	0	0	0	0	0	0	9	0	1	0	0	10	10.5	0	0
0	42	3	0	0	1	46	47	0	0	0	0	0	0	0	0	0	1	0	7	0	0	0	0	8	7.2	0	0
0	36	3	2	0	0	41	42	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	7	7	0	0
0	31	1	0	0	0	32	32	0	0	0	0	0	0	0	0	0	0	0	7	2	1	0	0	10	10.5	0	0
0	141	11	2	0	2	157	159.2	0	0	0	0	0	0	0	0	0	1	0	29	3	2	0	0	35	35.2	0	0
0	30	3	1	0	1	35	36.5	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	7	7	0	0
0	16	0	0	0	0	16	16	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9	0	0
0	28	2	0	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9	0	0
0	21	2	0	0	1	24	25	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6	0	0
0	95	7	1	0	2	105	107.5	0	0	0	0	0	0	0	0	0	0	0	30	1	0	0	0	31	31	0	0
0	22	3	0	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11	0	0
0	21	2	1	0	0	24	24.5	0	0	0	0	0	0	0	0	0	2	0	8	0	0	0	0	10	8.4	0	0
1	23	0	0	0	1	25	25.4	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6	0	0
0	22	5	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12	0	0
1	88	10	1	0	1	101	101.9	0	0	0	0	0	0	0	0	0	2	0	37	0	0	0	0	39	37.4	0	0
0	21	1	0	0	1	23	24	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6	0	0
0	20	1	1	0	0	22	22.5	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11	0	0
0	13	3	0	0	1	17	18	0	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	11	11	0	0
0	16	2	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0
0	70	7	1	0	2	80	82.5	0	0	0	0	0	0	0	0	0	0	0	30	1	0	0	0	31	31	0	0
0	19	1	0	0	1	21	22	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10	0	0
0	13	0	0	0	0	13	13	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11	0	0
0	21	0	1	0	1	23	24.5	0	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	11	11	0	0
0	32	2	0	0	0	34	34	0	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	11	11	0	0
0	85	3	1	0	2	91	93.5	0	0	0	0	0	0	0	0	0	0	0	41	2	0	0	0	43	43	0	0
0	21	0	0	0	0	21	21	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10	0	0
0	20	3	2	0	1	26	28	0	0	0	0	0	0	0	0	0	1	0	6	1	1	0	0	9	8.7	0	0
0	18	1	0	0	1	20	21	0	0	0	0	0	0	0	0	0	0	0	15	2	0	0	0	17	17	0	0
0	24	1	0	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11	0	0
0	83	5	2	0	2	92	95	0	0	0	0	0	0	0	0	0	1	0	42	3	1	0	0	47	46.7	0	0
0	25	1	0	0	0	26	26	0	0	0	0	0	0	0	0	0	0	0	26	1	0	0	0	27	27	0	0
0	31	0	0	0	1	32	33	0	0	0	0	0	0	0	0	0	0	0	26	1	0	0	0	27	27	0	0
0	41	3	0	0	1	45	46	0	0	0	0	0	0	0	0	0	0	0	17	1	1	0	0	19	19.5	0	0
0	31	1	0	0	1	33	34	0	0	0	0	0	0	0	0	0	0	0	32	1	0	0	0	33	33	0	0
0	128	5	0	0	3	136	139	0	0	0	0	0	0	0	0	0	0	0	101	4	1	0	0	106	106.5	0	0
0	28	0	0	0	0	28	28	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	15	15	0	0
0	29	2	0	0	1	32	33	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	18	18	0	0
0	33	0	0	0	1	34	35	0	0	0	0	0	0	0	0	0	0	0	18	1	0	0	0	19	19	0	0
0	23	0	0	0	0	23	23	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20	20	0	0
0	113	2	0	0	2	117	119	0	0	0	0	0	0	0	0	0	0	0	71	1	0	0	0	72	72	0	0
0	48	0	0	0	1	50	50.2	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	31	31	0	0
0	28	1	0	0	0	29	29	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	21	21	0	0
0	22	1	0	0	1	24	25	0	0	0	0	0	0	0	0	0	0	0	12	1	0	0	0	13	13	0	0
0	26	1	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0	0	19	1	0	0	0	20	20	0	0
0	124	3	0	0	2	130	131.2	0	0	0	0	0	0	0	0	0	0	0	83	2	0	0	0	85	85	0	0
2	1130	60	15	0	23	1233	1259.9	0	0	0	0	0	0	0	0	0	4	0	628	19	6	1	0	658	659.1	0	0

D => A							D => B									D => C											
CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR
0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	5	1	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	1	0	0	19	1	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	1	1	0	0	39	2	0	0	0	41	41	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	33	4	0	0	0	38	37.2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	53	6	1	1	0	61	62.8	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	3	0	72	4	2	0	0	81	79.6	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	51	2	0	0	0	54	53.2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	5	0	209	16	3	1	0	234	232.8	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	39	4	0	0	0	44	43.4	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	1	2	0	33	1	1	0	0	37	35.9	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	23	2	0	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	1	0	0	31	2	0	0	0	33	33	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	2	2	2	1	126	9	1	0	0	139	137.3	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	26	2	1	0	0	29	29.5	0	0	1	0	0	0	0	1	1	0	0	0
0	0	0	0	0	0	0	1	0	19	0	0	0	0	20	19.2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	26	1	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	10	4	1	0	0	15	15.5	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	81	7	2	0	0	91	91.2	0	0	1	0	0	0	0	1	1	0	0	0
0	0	0	0	0	0	0	0	1	16	1	0	0	0	18	17.4	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	17	4	0	0	0	22	21.2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	20	1	0	0	0	21	21	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	1	75	6	0	0	0	83	81.6	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	22	1	0	0	0	23	23	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	22	1	0	0	0	23	23	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	20	3	0	0	0	24	23.4	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	25	3	0	0	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	89	8	0	0	0	98	97.4	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	28	0	0	0	0	30	28.4	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	30	1	0	0	0	31	31	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	25	2	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	1	0	0	31	2	0	0	0	33	33	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	1	2	0	114	5	0	0	0	121	119.4	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	22	2	0	0	0	25	24.2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	52	0	0	0	0	52	52	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	33	2	1	0	0	37	36.7	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	24	5	0	0	0	29	29	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	2	0	131	9	1	0	0	143	141.9	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	32	1	0	0	0	33	33	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	23	1	0	0	0	25	24.2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	27	3	0	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	36	0	0	0	0	36	36	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	118	5	0	0	0	124	123.2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	23	1	0	0	0	24	24	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	26	0	0	0	0	26	26	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	33	0	0	0	0	33	33	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	36	3	1	0	0	40	40.5	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	118	4	1	0	0	123	123.5	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	41	1	0	0	0	43	42.4	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	25	2	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	38	0	0	0	0	38	38	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	3	3	0	0	43	2	0	0	0	45	45	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	3	3	0	1	147	5	0	0	0	153	152.4	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	30	1	0	0	0	31	31	0	0	1	0	0	0	0	1	1	0	0	0
1	0	0	0	0	1	1	0	0	40	2	0	0	0	42	42	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1	0	11	1	0	0	0	13	12.2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	33	2	0	0	0	35	35	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	1	1	1	0	114	6	0	0	0	121	120.2	0	0	1	0	0	0	0	1	1	0	0	0
7	1	0	0	0	8	8	15	4	1361	82	8	1	0	1471	1461.9	0	0	2	0	0	0	0	2	2	0	0	0

D => D					
LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 3
Location: The Green/Townyard Lane
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	16	1	3	0	0	20	21.5	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	56	1	0	0	2	59	61	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	29	3	3	0	0	35	36.5	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	1	0	24	2	3	0	0	30	30.7	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	125	7	9	0	2	144	149.7	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	1	0	55	6	1	0	1	64	64.7	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	72	6	1	1	0	80	81.8	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	77	7	5	0	1	90	93.5	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	4	0	49	6	2	0	0	61	58.8	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	5	0	253	25	9	1	2	295	298.8	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	2	1	47	8	1	0	0	59	57.3	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	2	0	45	3	1	0	0	51	49.9	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	25	5	1	0	1	32	33.5	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	49	2	2	0	0	53	54	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	4	1	166	18	5	0	1	195	194.7	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	1	0	50	6	1	0	1	59	59.7	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	1	0	61	2	2	0	1	67	68.2	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	57	7	0	0	0	64	64	0	0	0	0	0	0	0	0
10:45	0	0	1	0	0	0	0	1	1	0	0	48	7	1	0	0	56	56.5	0	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	1	1	2	0	216	22	4	0	2	246	248.4	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	1	46	9	0	0	1	57	57.4	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	1	0	34	5	2	0	0	42	42.2	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	42	2	1	0	0	45	45.5	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	48	5	1	0	1	55	56.5	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	1	170	21	4	0	2	199	201.6	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	38	8	0	0	0	46	46	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	1	50	1	0	0	0	52	51.4	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	54	2	0	0	1	57	58	0	1	0	0	0	0	0	1
12:45	0	0	0	0	0	0	0	0	0	0	0	52	4	0	0	0	56	56	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	1	194	15	0	0	1	211	211.4	0	1	0	0	0	0	0	1
13:00	0	0	0	0	0	0	0	0	0	2	0	37	3	0	0	1	43	42.4	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	1	0	53	3	1	0	0	58	57.7	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	41	4	0	0	1	46	47	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	44	3	0	0	0	47	47	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	3	0	175	13	1	0	2	194	194.1	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	3	0	42	2	3	0	1	51	51.1	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	1	0	59	0	0	0	0	60	59.2	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	1	1	53	2	2	0	1	60	60.6	0	0	0	0	0	0	0	0
14:45	0	0	0	1	0	0	0	1	1	0	0	47	4	1	0	0	52	52.5	0	0	0	0	0	0	0	0
H/TOT	0	0	0	1	0	0	0	1	1	5	1	201	8	6	0	2	223	223.4	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	56	4	0	0	0	60	60	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	1	0	51	2	2	0	1	57	58.2	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	53	5	0	0	1	59	60	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	64	0	0	0	0	64	64	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	224	11	2	0	2	240	242.2	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	45	4	0	0	0	49	49	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	43	1	0	0	1	45	46	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	76	2	0	0	1	79	80	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	70	2	1	0	1	74	75.5	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	234	9	1	0	3	247	250.5	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	1	63	1	0	0	0	65	64.4	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	53	3	0	0	1	57	58	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	72	2	0	0	1	75	76	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	1	0	72	1	0	0	0	74	73.2	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	1	260	7	0	0	2	271	271.6	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	1	0	76	2	0	0	1	80	80.2	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	48	1	0	0	0	49	49	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	41	2	0	0	1	44	45	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	62	1	0	0	0	63	63	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	227	6	0	0	2	236	237.2	0	0	0	0	0	0	0	0
12 TOT	0	0	1	1	0	0	0	2	2	24	5	2445	162	41	1	23	2701	2723.6	0	1	0	0	0	0	0	1

	B => A									B => B									B => C								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	1	0	0	0	0	2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	0	2	0	0	0	0	4	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.4	5	0	4	0	0	0	0	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

C => A									C => B									C => C								
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	4	0	0	0	0	4	4	0	0	2	1	1	0	0	4	4.5	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	7	2	0	0	0	10	9.2	0	0	0	1	2	0	0	3	4	0	0	0	0	0	0	0	0	0
0	0	7	1	0	0	0	8	8	0	0	2	0	1	0	0	3	3.5	0	0	0	0	0	0	0	0	0
1	0	20	3	0	0	0	24	23.2	0	0	4	2	4	0	0	10	12	0	0	0	0	0	0	0	0	0
0	0	15	3	0	0	0	18	18	0	0	1	0	1	0	0	2	2.5	0	0	0	0	0	0	0	0	0
1	0	14	0	0	0	0	15	14.2	0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	14	14	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	28	1	0	0	0	29	29	0	0	11	3	2	0	0	16	17	0	0	0	0	0	0	0	0	0
1	0	71	4	0	0	0	76	75.2	0	0	18	4	3	0	0	25	26.5	0	0	0	0	0	0	0	0	0
3	0	21	1	1	0	0	26	24.1	1	0	16	2	0	0	0	19	18.2	0	0	0	0	0	0	0	0	0
0	0	14	1	0	0	0	15	15	0	0	11	3	0	0	0	14	14	0	0	0	0	0	0	0	0	0
0	0	12	2	0	0	0	14	14	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0
0	0	13	3	0	0	0	16	16	0	0	20	3	0	0	0	23	23	0	0	0	0	0	0	0	0	0
3	0	60	7	1	0	0	71	69.1	1	0	62	8	0	0	0	71	70.2	0	0	0	0	0	0	0	0	0
0	0	19	0	0	0	0	19	19	0	0	10	1	1	0	0	12	12.5	0	0	0	0	0	0	0	0	0
0	0	26	4	0	0	0	30	30	0	0	17	1	2	0	0	20	21	0	0	0	0	0	0	0	0	0
3	0	22	1	0	0	0	26	23.6	0	0	22	2	0	0	0	24	24	0	0	0	0	0	0	0	0	0
2	0	15	1	0	0	0	18	16.4	1	0	22	1	0	0	0	24	23.2	0	0	0	0	0	0	0	0	0
5	0	82	6	0	0	0	93	89	1	0	71	5	3	0	0	80	80.7	0	0	0	0	0	0	0	0	0
0	0	18	2	0	0	0	20	20	0	0	19	4	2	0	0	25	26	0	0	0	0	0	0	0	0	0
1	0	19	2	0	0	0	22	21.2	0	0	18	1	0	0	0	19	19	0	0	0	0	0	0	0	0	0
1	0	16	0	0	0	0	17	16.2	0	0	23	0	0	0	0	23	23	0	0	0	0	0	0	0	0	0
0	0	25	0	0	0	0	25	25	1	0	13	3	0	0	0	17	16.2	0	0	0	0	0	0	0	0	0
2	0	78	4	0	0	0	84	82.4	1	0	73	8	2	0	0	84	84.2	0	0	0	0	0	0	0	0	0
1	0	15	3	0	0	0	19	18.2	0	0	20	0	1	0	0	21	21.5	0	0	0	0	0	0	0	0	0
0	0	18	3	0	0	0	21	21	0	0	28	2	0	0	0	30	30	0	0	0	0	0	0	0	0	0
1	0	21	3	0	0	0	25	24.2	0	0	24	0	0	0	0	24	24	0	0	0	0	0	0	0	0	0
0	0	30	1	0	0	0	31	31	0	0	11	3	0	0	0	14	14	0	0	0	0	0	0	0	0	0
2	0	84	10	0	0	0	96	94.4	0	0	83	5	1	0	0	89	89.5	0	0	0	0	0	0	0	0	0
0	0	19	4	0	0	0	23	23	0	0	20	1	0	0	0	21	21	0	0	0	0	0	0	0	0	0
0	0	16	1	0	0	0	17	17	0	0	16	0	1	0	0	17	17.5	0	0	0	0	0	0	0	0	0
0	0	28	3	0	0	0	31	31	0	0	17	0	3	0	0	20	21.5	0	0	0	0	0	0	0	0	0
0	0	29	1	0	0	0	30	30	0	0	16	5	0	0	0	21	21	0	0	0	0	0	0	0	0	0
0	0	92	9	0	0	0	101	101	0	0	69	6	4	0	0	79	81	0	0	0	0	0	0	0	0	0
1	0	22	1	0	0	0	24	23.2	0	0	20	1	0	0	0	21	21	0	0	0	0	0	0	0	0	0
1	0	15	3	0	0	0	19	18.2	0	0	10	2	1	0	0	13	13.5	0	0	0	0	0	0	0	0	0
1	0	14	2	0	0	0	17	16.2	0	0	15	3	1	0	0	19	19.5	0	0	0	0	0	0	0	0	0
0	0	19	2	2	0	0	23	24	0	0	30	1	0	0	0	31	31	0	0	0	0	0	0	0	0	0
3	0	70	8	2	0	0	83	81.6	0	0	75	7	2	0	0	84	85	0	0	0	0	0	0	0	0	0
0	0	17	2	0	0	0	19	19	0	0	23	1	0	0	0	24	24	0	0	0	0	0	0	0	0	0
0	0	25	3	0	0	0	28	28	0	0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0	0
0	0	16	1	1	0	0	18	18.5	0	0	20	0	0	0	0	20	20	0	0	0	0	0	0	0	0	0
0	0	32	0	0	0	0	32	32	0	0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0	0
0	0	90	6	1	0	0	97	97.5	0	0	81	1	0	0	0	82	82	0	0	0	0	0	0	0	0	0
0	0	21	0	0	0	0	21	21	1	0	17	0	0	0	0	18	17.2	0	0	0	0	0	0	0	0	0
1	0	29	5	0	0	0	35	34.2	0	0	21	1	0	0	0	22	22	0	0	0	0	0	0	0	0	0
0	0	30	3	0	0	0	33	33	0	0	17	1	0	0	0	18	18	0	0	0	0	0	0	0	0	0
0	0	30	1	0	0	0	31	31	0	0	23	2	0	0	0	25	25	0	0	0	0	0	0	0	0	0
1	0	110	9	0	0	0	120	119.2	1	0	78	4	0	0	0	83	82.2	0	0	0	0	0	0	0	0	0
0	0	28	3	0	0	0	31	31	0	0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0	0
0	0	25	3	0	0	0	28	28	0	0	21	1	0	0	0	22	22	0	0	0	0	0	0	0	0	0
0	0	28	1	0	0	0	29	29	0	0	19	1	0	0	0	20	20	0	0	0	0	0	0	0	0	0
0	0	14	2	0	0	0	16	16	0	0	21	0	0	0	0	21	21	0	0	0	0	0	0	0	0	0
0	0	95	9	0	0	0	104	104	0	0	80	2	0	0	0	82	82	0	0	0	0	0	0	0	0	0
1	0	27	3	0	0	0	31	30.2	0	0	14	0	0	0	0	14	14	0	0	0	0	0	0	0	0	0
1	0	17	0	0	0	0	18	17.2	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0
1	0	15	1	0	0	0	17	16.2	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0
1	0	24	0	0	0	0	25	24.2	0	0	19	1	0	0	0	20	20	0	0	0	0	0	0	0	0	0
4	0	83	4	0	0	0	91	87.8	0	0	53	1	0	0	0	54	54	0	0	0	0	0	0	0	0	0
22	0	935	79	4	0	0	1040	1024.4	4	0	747	53	19	0	0	823	829.3	0	0	0	0	0	0	0	0	0

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 4
Location: New St/The Mall R106/Church Rd/Main St R106
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
10:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0.4	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0.6	3	0	0	1	0	0	0	4

	A => D								B => A								B => B								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1.5	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	1.2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2.5	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1.5	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1	0	1	1	3	0	0	6	6.7	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	1	0	0	1	1.5	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2.5	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0.2	1	0	0	0	0	0	0	1	0.2	0	0	3	1	2	0	0	6	7	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	0	2	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1.6	5	0	0	0	0	0	0	5	1	2	0	12	4	5	0	0	23	23.9	0	0	0	0	0	0	0	0	0

B => C									B => D									C => A									
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C
0	0	2	0	2	0	0	4	5	0	0	38	6	1	1	4	50	55.8	0	0	2	0	0	0	0	2	2	0
0	0	8	1	0	0	0	9	9	0	0	83	3	0	0	2	88	90	0	0	0	0	0	0	0	0	0	0
0	0	5	1	0	0	0	6	6	0	0	74	1	2	0	2	79	82	0	0	1	0	0	0	0	1	1	0
0	0	6	2	0	0	1	9	10	1	0	60	2	5	0	1	69	71.7	0	0	5	0	0	0	0	5	5	0
0	0	21	4	2	0	1	28	30	1	0	255	12	8	1	9	286	299.5	0	0	8	0	0	0	0	8	8	0
0	0	13	2	0	0	0	15	15	1	0	87	9	3	1	3	104	109	0	0	3	1	0	0	0	4	4	0
0	0	21	2	0	0	0	23	23	1	0	73	5	0	1	0	80	80.5	0	0	5	1	0	0	0	6	6	0
0	0	40	2	0	0	0	42	42	1	0	86	4	3	1	5	100	107	0	0	3	0	0	0	0	3	3	0
2	0	29	2	1	0	0	34	32.9	2	0	81	5	1	1	0	90	90.2	0	0	8	0	1	0	0	9	9.5	0
2	0	103	8	1	0	0	114	112.9	5	0	327	23	7	4	8	374	386.7	0	0	19	2	1	0	0	22	22.5	0
0	0	23	2	1	0	0	26	26.5	1	0	99	7	1	0	2	110	111.7	0	0	7	1	0	0	0	8	8	1
0	0	11	1	0	0	0	12	12	0	0	79	5	3	0	1	88	90.5	0	0	1	1	0	0	0	2	2	0
0	0	15	1	0	0	0	16	16	0	0	69	4	1	0	1	75	76.5	0	0	0	1	0	0	0	1	1	0
0	0	16	1	2	0	0	19	20	1	0	59	2	0	0	0	62	61.2	0	0	1	0	0	0	0	1	1	0
0	0	65	5	3	0	0	73	74.5	2	0	306	18	5	0	4	335	339.9	0	0	9	3	0	0	0	12	12	1
0	0	17	1	1	0	0	19	19.5	1	0	70	4	1	0	2	78	79.7	0	0	2	2	0	0	0	4	4	0
0	0	25	2	0	0	0	27	27	0	0	69	7	5	0	1	82	85.5	0	0	3	0	0	0	0	3	3	0
0	0	23	1	0	0	0	24	24	0	0	65	7	0	0	1	73	74	0	0	1	0	0	0	0	1	1	0
0	0	16	2	0	0	0	18	18	0	0	73	10	1	0	2	86	88.5	0	0	2	0	0	0	0	2	2	0
0	0	81	6	1	0	0	88	88.5	1	0	277	28	7	0	6	319	327.7	0	0	8	2	0	0	0	10	10	0
0	0	9	3	1	0	0	13	13.5	1	0	80	11	3	0	0	95	95.7	0	0	1	0	0	0	0	1	1	0
0	0	21	1	1	0	0	23	23.5	1	0	58	9	3	0	2	73	75.7	0	0	0	0	0	0	0	0	0	0
0	0	22	2	2	0	0	26	27	0	0	75	9	1	0	0	85	85.5	0	0	0	0	0	0	0	0	0	0
0	0	23	1	0	0	0	24	24	1	0	66	4	1	0	1	73	73.7	0	0	0	0	0	0	0	0	0	0
0	0	75	7	4	0	0	86	88	3	0	279	33	8	0	3	326	330.6	0	0	1	0	0	0	0	1	1	0
0	0	10	1	0	0	0	11	11	0	0	88	14	2	1	1	106	109.3	0	0	0	0	0	0	0	0	0	0
0	0	19	1	0	0	0	20	20	0	0	56	8	1	0	0	65	65.5	0	0	0	0	0	0	0	0	0	0
0	0	18	1	0	0	0	19	19	0	0	71	13	1	1	2	88	91.8	0	0	0	0	0	0	0	0	0	0
0	0	19	2	0	0	0	21	21	0	0	80	7	0	0	1	88	89	0	0	0	0	0	0	0	0	0	0
0	0	66	5	0	0	0	71	71	0	0	295	42	4	2	4	347	355.6	0	0	0	0	0	0	0	0	0	0
0	0	31	2	0	0	0	33	33	1	0	79	9	3	0	2	94	96.7	0	0	0	0	0	0	0	0	0	0
0	0	19	1	0	0	0	20	20	0	0	72	7	2	0	1	82	84	0	0	0	0	0	0	0	0	0	0
0	0	23	4	0	0	0	27	27	0	0	73	5	4	0	1	83	86	0	0	0	0	0	0	0	0	0	0
0	0	29	2	0	0	0	31	31	0	0	59	7	5	0	1	72	75.5	0	0	0	0	0	0	0	0	0	1
0	0	102	9	0	0	0	111	111	1	0	283	28	14	0	5	331	342.2	0	0	0	0	0	0	0	0	0	1
0	0	28	1	0	0	0	29	29	0	0	63	10	5	0	1	79	82.5	0	0	0	0	0	0	0	0	0	0
0	0	22	1	0	0	0	23	23	0	0	79	9	0	0	1	89	90	0	0	0	0	0	0	0	0	0	0
0	0	35	2	0	0	0	37	37	0	0	70	5	4	1	2	82	87.3	0	0	0	0	0	0	0	0	0	0
0	0	20	2	0	0	0	22	22	0	0	76	13	2	0	0	91	92	0	0	0	0	0	0	0	0	0	0
0	0	105	6	0	0	0	111	111	0	0	288	37	11	1	4	341	351.8	0	0	0	0	0	0	0	0	0	0
0	0	17	0	0	0	0	17	17	0	0	75	9	5	2	1	92	98.1	0	0	0	0	0	0	0	0	0	0
0	0	25	1	0	0	0	26	26	0	0	69	6	2	0	1	78	80	0	0	0	0	0	0	0	0	0	0
0	0	17	0	0	0	0	17	17	0	0	84	12	0	1	2	99	102.3	0	0	0	0	0	0	0	0	0	0
0	0	21	4	0	0	0	25	25	1	0	67	5	2	0	1	76	77.2	1	0	0	0	0	0	0	1	0.2	2
0	0	80	5	0	0	0	85	85	1	0	295	32	9	3	5	345	357.6	1	0	0	0	0	0	0	1	0.2	2
0	0	22	0	0	0	0	22	22	0	0	68	7	2	0	2	79	82	0	0	0	0	0	0	0	0	0	1
0	0	18	0	0	0	1	19	20	1	1	67	12	1	0	5	87	91.1	0	0	0	0	0	0	0	0	0	0
0	0	14	1	0	0	0	15	15	0	0	87	8	0	0	3	98	101	0	0	0	0	0	0	0	0	0	0
0	0	19	2	0	0	0	21	21	0	0	66	5	0	1	1	73	75.3	0	0	0	0	0	0	0	0	0	0
0	0	73	3	0	0	1	77	78	1	1	288	32	3	1	11	337	349.4	0	0	0	0	0	0	0	0	0	1
0	0	19	2	0	0	0	21	21	0	1	70	3	1	0	3	78	80.9	0	0	0	0	0	0	0	0	0	0
0	0	12	2	0	0	0	14	14	0	0	82	5	0	0	0	87	87	0	0	0	0	0	0	0	0	0	0
0	0	20	1	0	0	0	21	21	1	0	82	3	1	0	2	89	90.7	0	0	0	0	0	0	0	0	0	0
0	0	14	2	0	0	0	16	16	0	0	57	2	1	0	0	60	60.5	0	0	0	0	0	0	0	0	0	0
0	0	65	7	0	0	0	72	72	1	1	291	13	3	0	5	314	319.1	0	0	0	0	0	0	0	0	0	0
0	0	22	1	0	0	0	23	23	1	0	76	0	1	0	4	82	85.7	0	0	0	0	0	0	0	0	0	1
0	0	14	1	0	0	0	15	15	0	0	69	4	1	0	2	76	78.5	0	0	0	0	0	0	0	0	0	0
0	0	17	1	0	0	0	18	18	0	0	68	2	0	0	2	72	74	0	0	0	0	0	0	0	0	0	0
0	0	14	1	0	0	0	15	15	0	0	54	0	0	0	0	54	54	0	0	0	0	0	0	0	0	0	0
0	0	67	4	0	0	0	71	71	1	0	267	6	2	0	8	284	292.2	0	0	0	0	0	0	0	0	0	1
2	0	903	69	11	0	2	987	992.9	17	2	3451	304	81	12	72	3939	4052.3	1	0	45	7	1	0	0	54	53.7	6

C => B								C => C									C => D										
M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C
0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	12	0	1	0	1	14	15.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	3	0	0	2	21	23	0	0
0	5	1	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	1	14	0	0	0	3	18	20.4	0	0
0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	17	0	1	0	2	20	22.5	0	0
0	12	1	0	0	0	13	13	0	0	0	0	0	0	0	0	0	0	1	59	3	2	0	8	73	81.4	0	0
0	9	1	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	2	18	20	0	0
0	13	1	1	0	0	15	15.5	0	0	0	0	0	0	0	0	0	0	0	52	0	1	0	1	54	55.5	1	0
0	19	3	0	0	0	22	22	0	0	0	0	0	0	0	0	0	2	0	27	2	0	0	1	32	31.4	0	0
0	29	1	0	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	39	0	0	0	1	40	41	0	0
0	70	6	1	0	0	77	77.5	0	0	0	0	0	0	0	0	0	2	0	134	2	1	0	5	144	147.9	1	0
0	24	1	0	0	0	26	25.2	0	0	0	0	0	0	0	0	0	0	0	33	1	0	0	0	34	34	0	0
0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	22	5	2	0	1	30	32	0	0
0	9	2	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	15	3	0	0	1	19	20	0	0
0	17	1	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0	0	23	0	2	0	1	26	28	0	0
0	65	4	0	0	0	70	69.2	0	0	0	0	0	0	0	0	0	0	0	93	9	4	0	3	109	114	0	0
0	12	1	0	0	0	13	13	0	0	0	0	0	0	0	0	0	0	0	26	2	0	0	0	28	28	0	0
0	17	0	0	0	0	17	17	0	0	0	0	0	0	0	0	0	0	0	34	4	1	0	1	40	41.5	0	0
0	16	1	1	0	0	18	18.5	0	0	0	0	0	0	0	0	0	0	0	18	1	0	0	0	19	19	0	0
0	14	1	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	1	21	3	1	0	1	27	27.9	0	0
0	59	3	1	0	0	63	63.5	0	0	0	0	0	0	0	0	0	0	1	99	10	2	0	2	114	116.4	0	0
0	16	2	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0	0	26	1	0	0	0	27	27	0	0
0	12	3	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	30	2	0	0	1	33	34	0	0
0	13	2	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	21	8	1	0	0	30	30.5	0	0
0	17	1	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0	0	21	2	0	0	1	24	25	1	0
0	58	8	0	0	0	66	66	0	0	0	0	0	0	0	0	0	0	0	98	13	1	0	2	114	116.5	1	0
0	18	2	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	15	1	0	0	0	16	16	0	0
0	15	2	0	0	0	17	17	0	0	0	0	0	0	0	0	0	1	0	19	2	0	1	1	24	25.5	0	0
0	15	3	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0	1	15	3	2	0	0	21	21.4	0	0
0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	19	1	0	0	1	21	22	0	0
0	70	7	0	0	0	77	77	0	0	0	0	0	0	0	0	0	1	1	68	7	2	1	2	82	84.9	0	0
0	34	0	0	0	0	34	34	0	0	0	0	0	0	0	0	0	0	0	23	3	0	0	0	26	26	1	0
0	19	1	1	0	0	21	21.5	0	0	0	0	0	0	0	0	0	0	0	27	2	2	1	1	33	36.3	0	0
0	21	3	0	0	0	24	24	0	0	0	0	0	0	0	0	0	0	0	22	1	0	0	0	23	23	0	0
0	24	0	0	0	0	25	24.2	0	0	1	0	0	0	0	1	1	0	0	23	0	0	0	1	24	25	1	0
0	98	4	1	0	0	104	103.7	0	0	1	0	0	0	0	1	1	0	0	95	6	2	1	2	106	110.3	2	0
0	25	1	0	0	0	26	26	0	0	0	0	0	0	0	0	0	0	0	22	2	2	0	0	26	27	0	0
0	26	3	0	0	1	30	31	0	0	0	0	0	0	0	0	0	0	0	17	1	1	0	1	20	21.5	0	0
0	27	2	0	0	0	29	29	0	0	0	0	0	0	0	0	0	0	0	18	2	0	1	0	21	22.3	0	0
0	25	0	1	0	0	26	26.5	0	0	0	0	0	0	0	0	0	0	0	40	1	0	0	1	42	43	0	0
0	103	6	1	0	1	111	112.5	0	0	0	0	0	0	0	0	0	0	0	97	6	3	1	2	109	113.8	0	0
0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	28	28	1	0
0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	21	1	1	0	1	24	25.5	0	0
0	18	0	0	0	0	18	18	0	0	0	0	0	0	0	0	0	0	0	23	2	0	0	0	25	25	0	0
0	16	0	0	0	0	18	16.4	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	1	32	33	0	0
0	71	0	0	0	0	73	71.4	0	0	0	0	0	0	0	0	0	0	0	103	3	1	0	2	109	111.5	1	0
0	21	1	0	0	0	23	22.2	0	0	0	0	0	0	0	0	0	3	0	56	2	1	0	0	62	60.1	0	0
0	21	0	0	0	0	21	21	0	0	0	0	0	0	0	0	0	0	0	48	4	0	0	1	53	54	0	0
0	24	1	0	0	0	25	25	0	0	0	0	0	0	0	0	0	1	0	29	3	0	0	1	34	34.2	0	0
0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0	0	0	0	14	2	0	0	1	17	18	0	0
0	85	2	0	0	0	88	87.2	0	0	0	0	0	0	0	0	0	4	0	147	11	1	0	3	166	166.3	0	0
0	23	3	0	0	0	26	26	0	0	0	0	0	0	0	0	0	1	0	33	1	0	0	1	36	36.2	0	0
0	13	2	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	42	3	1	0	1	47	48.5	0	0
0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	1	35	36	0	0
0	21	1	0	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	32	1	0	0	1	34	35	0	0
0	79	6	0	0	0	85	85	0	0	0	0	0	0	0	0	0	1	0	141	5	1	0	4	152	155.7	0	0
0	18	3	0	0	0	22	21.2	0	0	0	0	0	0	0	0	0	1	0	36	2	0	0	0	39	38.2	0	0
0	25	0	0	0	0	25	25	0	0	1	0	0	0	0	1	1	1	0	27	4	0	0	1	33	33.2	0	0
0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0	0	0	0	29	2	1	0	0	32	32.5	0	0
0	15	1	0	0	0	16	16	0	0	0	0	0	0	0	0	0	1	0	22	1	1	0	1	26	26.7	0	0
0	77	4	0	0	0	82	81.2	0	0	1	0	0	0	0	1	1	3	0	114	9	2	0	2	130	130.6	0	0
0	847	51	4	0	1	909	907.2	0	0	2	0	0	0	0	2	2	11	3	1248	84	22	3	37	1408	1449.3	5	0

D => A							D => B									D => C											
CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR
0	0	0	0	0	0	0	1	0	19	8	2	1	2	33	36.5	0	0	4	1	0	0	0	5	5	0	0	0
0	0	0	0	0	0	0	0	0	21	5	0	0	3	29	32	0	0	11	0	0	0	1	12	13	0	0	0
3	1	0	0	0	4	4	0	0	32	10	3	0	4	49	54.5	1	0	11	3	0	0	1	16	16.2	0	0	0
1	0	2	0	0	3	4	1	0	46	11	0	0	4	62	65.2	0	0	13	1	0	0	1	15	16	0	0	0
4	1	2	0	0	7	8	2	0	118	34	5	1	13	173	188.2	1	0	39	5	0	0	3	48	50.2	0	0	0
1	0	0	0	0	1	1	0	0	48	6	1	0	3	58	61.5	0	0	35	2	1	0	0	38	38.5	0	0	0
0	1	0	0	0	2	1.2	0	0	42	2	2	1	0	47	49.3	0	0	45	1	0	0	2	48	50	0	0	0
0	0	0	0	0	0	0	0	0	54	10	3	0	1	68	70.5	0	0	46	0	0	0	0	46	46	0	0	0
2	1	0	0	0	3	3	2	0	62	6	3	0	2	75	76.9	0	0	14	2	0	0	1	17	18	0	0	0
3	2	0	0	0	6	5.2	2	0	206	24	9	1	6	248	258.2	0	0	140	5	1	0	3	149	152.5	0	0	0
3	0	0	0	0	3	3	1	0	50	8	3	0	1	63	64.7	0	0	19	1	1	0	1	22	23.5	0	0	0
2	1	0	0	0	3	3	0	0	61	7	2	1	1	72	75.3	0	0	13	2	0	0	1	16	17	0	0	0
1	1	3	0	0	5	6.5	3	0	39	9	0	0	1	52	50.6	0	0	5	2	0	0	0	7	7	0	0	0
3	1	1	0	0	5	5.5	1	0	57	6	4	0	0	68	69.2	1	0	11	1	1	0	1	15	15.7	0	0	0
9	3	4	0	0	16	18	5	0	207	30	9	1	3	255	259.8	1	0	48	6	2	0	3	60	63.2	0	0	0
0	1	0	0	0	1	1	0	0	54	4	3	0	1	62	64.5	1	0	6	3	1	0	1	12	12.7	0	0	0
3	1	0	0	0	4	4	0	0	61	3	1	1	0	66	67.8	0	0	15	0	0	0	0	15	15	0	0	0
2	2	1	0	0	5	5.5	1	0	55	3	1	0	1	61	61.7	0	0	6	0	0	0	1	7	8	0	0	0
2	0	0	0	0	2	2	0	0	53	6	1	0	0	60	60.5	0	0	11	2	1	0	0	14	14.5	0	0	0
7	4	1	0	0	12	12.5	1	0	223	16	6	1	2	249	254.5	1	0	38	5	2	0	2	48	50.2	0	0	0
1	2	0	0	0	3	3	1	0	57	6	2	1	0	67	68.5	0	0	5	2	0	0	1	8	9	0	0	0
1	1	0	0	0	2	2	0	0	53	10	0	0	1	64	65	0	0	4	2	0	0	0	6	6	0	0	0
0	0	0	0	0	0	0	0	0	44	3	2	0	0	49	50	0	0	9	2	0	0	0	11	11	0	0	0
0	0	0	0	0	1	0.2	1	1	55	5	1	0	1	64	64.1	0	0	11	0	0	0	1	12	13	0	0	0
2	3	0	0	0	6	5.2	2	1	209	24	5	1	2	244	247.6	0	0	29	6	0	0	2	37	39	0	0	0
0	0	0	0	0	0	0	0	0	69	4	1	0	1	75	76.5	0	0	8	0	0	0	0	8	8	0	0	0
0	0	0	0	0	0	0	2	0	55	6	1	0	0	64	62.9	0	0	6	2	1	0	1	10	11.5	0	0	0
0	0	0	0	0	0	0	0	0	61	8	0	0	1	70	71	0	0	8	0	0	1	0	9	10.3	0	0	0
0	0	0	0	0	0	0	0	0	76	9	2	0	0	87	88	0	0	14	0	0	0	1	15	16	0	0	0
0	0	0	0	0	0	0	2	0	261	27	4	0	2	296	298.4	0	0	36	2	1	1	2	42	45.8	0	0	0
0	0	0	0	0	1	0.2	0	0	64	6	1	1	1	73	75.8	0	0	7	2	0	0	0	9	9	0	0	1
0	0	0	0	0	0	0	0	0	74	4	1	0	0	79	79.5	0	0	14	0	0	0	1	15	16	0	0	0
0	0	0	0	0	0	0	1	0	54	6	4	0	1	66	68.2	0	0	12	0	1	0	0	13	13.5	0	0	0
0	0	0	0	0	1	0.2	1	0	53	4	4	1	0	63	65.5	0	0	10	0	0	0	1	11	12	0	0	0
0	0	0	0	0	2	0.4	2	0	245	20	10	2	2	281	289	0	0	43	2	1	0	2	48	50.5	0	0	1
0	0	0	0	0	0	0	0	0	43	5	0	0	1	49	50	0	0	9	1	1	0	0	11	11.5	0	0	0
0	0	0	0	0	0	0	1	0	58	10	3	0	1	73	74.7	0	0	15	0	0	0	1	16	17	0	0	0
0	0	0	0	0	0	0	0	0	70	3	1	0	1	75	76.5	1	0	7	0	0	0	0	8	7.2	0	0	1
0	0	0	0	0	0	0	1	0	56	4	1	0	1	63	63.7	0	0	9	2	2	0	2	15	18	0	0	0
0	0	0	0	0	0	0	2	0	227	22	5	0	4	260	264.9	1	0	40	3	3	0	3	50	53.7	0	0	1
0	0	0	0	0	1	0.2	0	0	50	5	0	0	2	57	59	0	0	6	0	0	0	0	6	6	0	0	0
0	0	0	0	0	0	0	0	0	59	4	1	0	0	64	64.5	0	0	18	3	0	0	1	22	23	0	0	0
0	0	0	0	0	0	0	0	0	61	2	0	0	1	64	65	0	0	41	2	1	0	0	44	44.5	0	0	0
0	0	0	0	0	0	0	0	0	55	3	0	0	3	61	64	1	0	36	1	0	0	1	39	39.2	0	0	0
0	0	0	0	0	1	0.2	0	0	225	14	1	0	6	246	252.5	1	0	101	6	1	0	2	111	112.7	0	0	0
0	0	0	0	0	0	0	0	1	64	5	0	0	0	70	69.4	1	0	13	1	0	0	0	15	14.2	0	0	0
0	0	0	0	0	0	0	0	0	71	5	1	0	2	79	81.5	0	0	6	1	0	0	1	8	9	0	0	1
0	0	0	0	0	0	0	0	0	66	2	0	0	2	70	72	0	0	8	2	0	0	0	10	10	0	0	0
0	0	0	0	0	0	0	0	0	77	4	0	0	1	82	83	0	0	10	0	1	0	1	12	13.5	0	0	0
0	0	0	0	0	0	0	0	1	278	16	1	0	5	301	305.9	1	0	37	4	1	0	2	45	46.7	0	0	1
0	0	0	0	0	0	0	0	0	58	4	0	0	0	62	62	0	0	16	0	1	0	1	18	19.5	0	0	1
0	0	0	0	0	0	0	0	0	69	4	0	0	1	74	75	0	1	16	0	0	0	1	18	18.4	0	0	0
0	0	0	0	0	0	0	1	0	67	3	0	0	1	72	72.2	0	0	12	0	0	0	0	12	12	0	0	1
0	0	0	0	0	0	0	0	0	84	2	0	0	0	86	86	0	0	32	0	0	0	3	35	38	0	0	0
0	0	0	0	0	0	0	1	0	278	13	0	0	2	294	295.2	0	1	76	0	1	0	5	83	87.9	0	0	2
0	0	0	0	0	0	0	2	0	70	0	0	0	1	73	72.4	0	0	16	3	0	0	2	21	23	0	0	0
0	0	0	0	0	0	0	0	0	72	3	0	0	0	75	75	0	0	23	0	0	0	2	25	27	0	0	0
0	0	0	0	0	0	0	0	0	70	2	0	0	1	73	74	0	0	20	0	0	0	1	21	22	0	0	0
0	0	0	0	0	0	0	1	0	82	2	1	0	0	86	85.7	0	0	30	0	0	0	2	32	34	0	0	0
0	0	0	0	0	0	0	3	0	294	7	1	0	2	307	307.1	0	0	89	3	0	0	7	99	106	0	0	0
25	13	7	0	0	50	49.5	22	2	2771	247	56	7	49	3154	3221.3	6	1	716	47	13	1	36	820	858.4	0	0	5

D => D					
LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	2	2
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	5	5

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 5
Location: Townyard Lane/The Mall R106
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	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	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	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	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2

	B => A									B => B									B => C								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	4	0	1	0	0	5	5.5	0	0	0	0	0	0	0	0	0	0	0	40	7	4	1	4	56	63.3
0	0	0	2	1	2	0	0	5	6	0	0	0	0	0	0	0	0	0	1	0	94	4	0	0	2	101	102.2
0	0	0	7	2	0	0	0	9	9	0	0	1	0	0	0	0	1	1	0	1	82	2	4	0	2	91	94.4
0	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	2	0	69	4	5	0	2	82	84.9
0	0	0	20	3	3	0	0	26	27.5	0	0	1	0	0	0	0	1	1	3	1	285	17	13	1	10	330	344.8
0	0	0	12	1	1	0	0	14	14.5	0	0	0	0	0	0	0	0	0	0	0	98	11	4	1	3	117	123.3
0	0	0	14	0	0	0	0	14	14	0	0	0	0	0	0	0	0	0	2	0	104	7	1	1	0	115	115.2
0	0	0	17	1	2	0	0	20	21	0	0	0	0	0	0	0	0	0	1	0	131	6	3	1	5	147	154
0	1	0	33	1	0	0	0	35	34.2	0	0	0	0	0	0	0	0	0	4	0	114	9	2	1	0	130	129.1
0	1	0	76	3	3	0	0	83	83.7	0	0	0	0	0	0	0	0	0	7	0	447	33	10	4	8	509	521.6
0	2	0	32	0	0	0	0	34	32.4	0	0	0	0	0	0	0	0	0	1	0	119	12	3	0	2	137	139.7
0	0	0	15	1	0	0	0	16	16	0	0	0	0	0	0	0	0	0	0	0	90	6	2	0	1	99	101
0	0	0	19	1	1	0	0	21	21.5	0	0	0	0	0	0	0	0	0	0	0	85	4	1	0	1	91	92.5
0	0	0	18	1	0	0	0	19	19	0	0	0	0	0	0	0	0	0	1	0	74	3	2	0	0	80	80.2
0	2	0	84	3	1	0	0	90	88.9	0	0	0	0	0	0	0	0	0	2	0	368	25	8	0	4	407	413.4
0	0	0	30	1	1	0	0	32	32.5	0	0	0	0	0	0	0	0	0	1	0	89	8	2	0	2	102	104.2
0	0	0	30	6	0	0	0	36	36	0	0	0	0	0	0	0	0	0	0	0	96	8	5	0	2	111	115.5
0	2	0	34	2	1	0	0	39	37.9	0	0	0	0	0	0	0	0	0	0	1	88	9	1	0	0	99	98.9
0	1	0	27	1	0	0	0	29	28.2	0	0	0	0	0	0	0	0	0	0	0	90	10	0	0	2	102	104
0	3	0	121	10	2	0	0	136	134.6	0	0	0	0	0	0	0	0	0	1	1	363	35	8	0	6	414	422.6
0	0	0	13	3	1	0	0	17	17.5	0	0	0	0	0	0	0	0	0	1	0	89	14	4	0	0	108	109.2
0.2	0	0	17	1	0	0	0	18	18	0	0	0	0	0	0	0	0	0	1	0	79	11	4	0	2	97	100.2
0	0	0	26	0	0	0	0	26	26	0	0	0	0	0	0	0	0	0	0	0	97	9	3	0	0	109	110.5
0	0	0	19	3	0	0	0	22	22	0	0	0	0	0	0	0	0	0	1	0	92	6	1	0	1	101	101.7
0.2	0	0	75	7	1	0	0	83	83.5	0	0	0	0	0	0	0	0	0	3	0	357	40	12	0	3	415	421.6
0	1	0	19	4	1	0	0	25	24.7	0	0	0	0	0	0	0	0	0	1	0	96	15	2	1	1	116	118.5
0	0	0	24	1	0	0	0	25	25	0	0	1	0	0	0	0	1	1	0	0	79	9	1	0	1	90	91.5
0	0	0	16	0	0	0	0	16	16	0	0	0	0	0	0	0	0	0	0	0	86	14	1	1	1	103	105.8
0	0	0	28	3	0	0	0	31	31	0	0	0	0	0	0	0	0	0	0	0	98	9	0	0	1	108	109
0	1	0	87	8	1	0	0	97	96.7	0	0	1	0	0	0	0	1	1	1	0	359	47	4	2	4	417	424.8
0	1	0	24	1	0	0	0	26	25.2	0	0	0	0	0	0	0	0	0	0	0	110	11	4	0	2	127	131
0	0	0	13	0	2	0	0	15	16	0	0	0	0	0	0	0	0	0	0	0	88	10	2	0	1	101	103
0	0	0	27	3	0	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	96	7	4	0	1	108	111
0	1	0	26	1	0	0	0	28	27.2	0	0	0	0	0	0	0	0	0	0	0	88	9	5	0	1	103	106.5
0	2	0	90	5	2	0	0	99	98.4	0	0	0	0	0	0	0	0	0	0	0	382	37	15	0	5	439	451.5
0	2	0	20	1	1	0	0	24	22.9	0	0	0	0	0	0	0	0	0	0	0	98	11	4	0	1	114	117
0	1	0	19	4	0	0	0	24	23.2	0	0	0	0	0	0	0	0	0	0	0	93	10	0	0	1	104	105
0	0	0	16	3	0	0	0	19	19	0	0	0	0	0	0	0	0	0	0	1	109	4	4	1	2	121	125.7
0	0	0	26	3	2	0	0	31	32	0	0	0	0	0	0	0	0	0	0	0	94	16	2	0	0	112	113
0	3	0	81	11	3	0	0	98	97.1	0	0	0	0	0	0	0	0	0	0	1	394	41	10	1	4	451	460.7
0	0	0	22	3	0	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	92	9	6	2	1	110	116.6
0	0	0	21	1	1	0	0	23	23.5	0	0	0	0	0	0	0	0	0	0	0	94	7	1	0	1	103	104.5
0	0	0	25	0	0	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	101	9	0	1	2	113	116.3
0	0	0	27	1	0	0	0	28	28	0	0	0	0	0	0	0	0	0	1	0	89	8	2	0	1	101	102.2
0	0	0	95	5	1	0	0	101	101.5	0	0	0	0	0	0	0	0	0	1	0	376	33	9	3	5	427	439.6
0	0	0	26	0	0	0	0	26	26	0	0	0	0	0	0	0	0	0	0	0	92	7	2	0	3	104	108
0	0	0	22	6	0	0	0	28	28	0	0	0	0	0	0	0	0	0	1	1	84	14	1	0	6	107	112.1
0	0	0	36	2	0	0	0	38	38	0	0	0	0	0	0	0	0	0	0	0	101	8	0	0	2	111	113
0	0	0	33	2	0	0	0	35	35	0	0	0	0	0	0	0	0	0	1	0	81	8	1	1	1	93	95
0	0	0	117	10	0	0	0	127	127	0	0	0	0	0	0	0	0	0	2	1	358	37	4	1	12	415	428.1
0	0	0	27	0	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0	1	89	6	2	0	3	101	104.4
0	0	0	17	2	0	0	0	19	19	0	0	0	0	0	0	0	0	0	0	0	93	7	0	0	0	100	100
0	0	0	25	1	0	0	0	26	26	0	0	0	0	0	0	0	0	0	0	0	103	4	1	0	2	110	112.5
0.2	0	0	21	2	0	0	0	23	23	0	0	0	0	0	0	0	0	0	0	0	76	5	0	0	1	82	83
0.2	0	0	90	5	0	0	0	95	95	0	0	0	0	0	0	0	0	0	0	1	361	22	3	0	6	393	399.9
0	0	0	22	1	0	0	0	23	23	0	0	0	0	0	0	0	0	0	0	0	93	1	0	0	3	97	100
0	1	0	13	0	0	0	0	14	13.2	0	0	0	0	0	0	0	0	0	0	0	83	4	1	0	2	90	92.5
0	2	0	18	1	0	0	0	21	19.4	0	0	0	0	0	0	0	0	0	0	0	84	3	0	0	2	89	91
0	0	0	29	0	0	0	0	29	29	0	0	0	0	0	0	0	0	0	0	0	72	0	0	0	0	72	72
0	3	0	82	2	0	0	0	87	84.6	0	0	0	0	0	0	0	0	0	0	0	332	8	1	0	7	348	355.5
0.4	15	0	1018	72	17	0	0	1122	1118.5	0	0	2	0	0	0	0	2	2	20	5	4382	375	97	12	74	4965	5084.1

C => A									C => B									C => C								
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
1	0	0	0	0	0	0	1	0.2	0	0	21	7	2	1	2	33	37.3	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	1	1	0	0	20	6	0	0	3	29	32	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	1	0	0	35	11	3	0	4	53	58.5	0	0	0	0	0	0	0	0	0
0	0	4	1	0	0	0	5	5	1	0	48	12	0	0	4	65	68.2	0	0	0	0	0	0	0	0	0
1	0	5	2	0	0	0	8	7.2	1	0	124	36	5	1	13	180	196	0	0	0	0	0	0	0	0	0
0	0	7	2	1	0	0	10	10.5	0	0	48	6	0	0	3	57	60	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	2	2	0	0	52	2	3	1	0	58	60.8	0	0	0	0	0	0	0	0	0
0	0	9	1	0	0	0	10	10	0	0	64	10	3	0	1	78	80.5	0	0	0	0	0	0	0	0	0
0	0	7	2	0	0	0	9	9	0	0	81	6	3	0	2	92	95.5	0	0	0	0	0	0	0	0	0
0	0	24	6	1	0	0	31	31.5	0	0	245	24	9	1	6	285	296.8	0	0	0	0	0	0	0	0	0
1	0	17	2	0	0	0	20	19.2	1	1	55	10	3	0	1	71	72.1	0	0	0	0	0	0	0	0	0
0	0	12	1	0	0	0	13	13	0	0	64	6	2	1	1	74	77.3	0	0	1	0	0	0	0	1	1
0	0	13	4	0	0	0	17	17	2	0	36	6	0	0	1	45	44.4	0	0	1	0	0	0	0	1	1
0	0	17	2	1	0	0	20	20.5	1	0	50	6	3	0	0	60	60.7	0	0	1	0	0	0	0	1	1
1	0	59	9	1	0	0	70	69.7	4	1	205	28	8	1	3	250	254.5	0	0	3	0	0	0	0	3	3
0	0	14	1	0	0	0	15	15	0	0	56	3	3	0	1	63	65.5	0	0	0	0	0	0	0	0	0
0	0	23	1	0	0	0	24	24	0	1	54	2	1	1	0	59	60.2	0	0	0	0	0	0	0	0	0
1	0	17	1	0	0	0	19	18.2	1	0	51	4	2	0	1	59	60.2	0	0	0	0	0	0	0	0	0
0	0	15	2	0	0	0	17	17	0	0	56	5	1	0	0	62	62.5	0	0	0	0	0	0	0	0	0
1	0	69	5	0	0	0	75	74.2	1	1	217	14	7	1	2	243	248.4	0	0	0	0	0	0	0	0	0
0	0	20	2	0	0	0	22	22	0	0	54	3	2	1	0	60	62.3	0	0	0	0	0	0	0	0	0
1	0	18	3	0	0	0	22	21.2	0	0	46	10	0	0	1	57	58	0	0	0	0	0	0	0	0	0
1	0	10	0	0	0	0	11	10.2	0	0	45	5	2	0	0	52	53	0	0	0	0	0	0	0	0	0
0	0	16	1	0	0	0	17	17	0	1	57	6	1	0	1	66	66.9	0	0	0	0	0	0	0	0	0
2	0	64	6	0	0	0	72	70.4	0	1	202	24	5	1	2	235	240.2	0	0	0	0	0	0	0	0	0
0	0	20	1	0	0	0	21	21	0	0	67	6	1	0	1	75	76.5	0	0	0	0	0	0	0	0	0
0	0	20	0	0	0	0	20	20	0	0	53	7	1	0	0	61	61.5	0	0	0	0	0	0	0	0	0
0	0	18	3	0	0	0	21	21	1	0	57	8	0	0	1	67	67.2	0	0	0	0	0	0	0	0	0
0	0	19	2	0	0	0	21	21	0	0	74	6	2	0	0	82	83	0	0	0	0	0	0	0	0	0
0	0	77	6	0	0	0	83	83	1	0	251	27	4	0	2	285	288.2	0	0	0	0	0	0	0	0	0
0	0	20	1	1	0	0	22	22.5	0	0	79	4	0	1	1	85	87.3	0	0	0	0	0	0	0	0	0
0	0	20	1	0	0	0	21	21	0	0	76	3	2	0	0	81	82	0	0	0	0	0	0	0	0	0
0	0	12	3	1	0	0	16	16.5	1	0	62	8	3	0	1	75	76.7	0	0	0	0	0	0	0	0	0
1	0	15	2	0	0	0	18	17.2	1	0	60	4	3	1	0	69	71	0	0	0	0	0	0	0	0	0
1	0	67	7	2	0	0	77	77.2	2	0	277	19	8	2	2	310	317	0	0	0	0	0	0	0	0	0
0	0	11	1	0	0	0	12	12	0	0	58	5	1	0	1	65	66.5	0	0	0	0	0	0	0	0	0
0	0	12	3	1	0	0	16	16.5	0	0	70	5	0	0	2	77	79	0	0	0	0	0	0	0	0	0
1	0	20	1	0	0	0	22	21.2	0	0	82	8	3	0	1	94	96.5	0	0	0	0	0	0	0	0	0
0	0	25	0	0	0	0	25	25	0	0	54	4	2	0	1	61	63	0	0	0	0	0	0	0	0	0
1	0	68	5	1	0	0	75	74.7	0	0	264	22	6	0	5	297	305	0	0	0	0	0	0	0	0	0
0	0	18	1	0	0	0	19	19	0	0	54	3	0	0	2	59	61	0	0	0	0	0	0	0	0	0
0	0	21	0	0	0	0	21	21	0	0	55	3	1	0	0	59	59.5	0	0	0	0	0	0	0	0	0
0	0	16	0	0	0	0	16	16	1	0	61	2	0	0	1	65	65.2	0	0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	14	14	2	0	52	3	0	0	3	60	61.4	0	0	0	0	0	0	0	0	0
0	0	69	1	0	0	0	70	70	3	0	222	11	1	0	6	243	247.1	0	0	0	0	0	0	0	0	0
1	0	15	0	0	0	0	16	15.2	0	1	76	6	0	0	0	83	82.4	0	0	0	0	0	0	0	0	0
0	0	21	1	0	0	0	22	22	0	0	67	3	1	0	2	73	75.5	0	0	0	0	0	0	0	0	0
0	0	21	1	0	0	0	22	22	0	0	68	1	0	0	2	71	73	0	0	0	0	0	0	0	0	0
0	0	23	0	0	0	0	23	23	0	0	80	4	0	0	1	85	86	0	0	0	0	0	0	0	0	0
1	0	80	2	0	0	0	83	82.2	0	1	291	14	1	0	5	312	316.9	0	0	0	0	0	0	0	0	0
0	0	18	2	0	0	0	20	20	0	0	63	4	0	0	0	67	67	0	0	0	0	0	0	0	0	0
0	0	12	1	0	0	0	13	13	0	1	69	4	0	0	1	75	75.4	0	0	1	0	0	0	0	1	1
0	0	16	1	0	0	0	17	17	1	0	72	3	0	0	1	77	77.2	0	0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	14	14	0	0	92	4	0	0	0	96	96	1	0	0	0	0	0	0	1	0.2
0	0	60	4	0	0	0	64	64	1	1	296	15	0	0	2	315	315.6	1	0	1	0	0	0	0	2	1.2
0	0	12	1	0	0	0	13	13	3	0	76	2	0	0	1	82	80.6	0	0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	14	14	0	0	82	3	0	0	0	85	85	0	0	0	0	0	0	0	0	0
1	0	11	0	0	0	0	12	11.2	1	0	77	2	0	0	1	81	81.2	0	0	0	0	0	0	0	0	0
0	0	12	1	0	0	0	13	13	0	0	85	2	1	0	0	88	88.5	0	0	0	0	0	0	0	0	0
1	0	49	2	0	0	0	52	51.2	4	0	320	9	1	0	2	336	335.3	0	0	0	0	0	0	0	0	0
9	0	691	55	5	0	0	760	755.3	17	5	2914	243	55	7	50	3291	3361	1	0	4	0	0	0	0	5	4.2

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 6
Location: Old St/Main St/Malahide Rd
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	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	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	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	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

	B => A									B => B									B => C								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	1	1	1	0	0	3	3.5	0	0	0	0	0	0	0	0	0	0	0	48	7	1	1	5	62	68.8
0	0	0	9	1	0	0	2	12	14	0	0	0	0	0	0	0	0	0	0	0	91	6	0	0	1	98	99
0	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	1	85	2	2	0	5	95	100.4
0	0	0	6	1	0	0	0	7	7	0	0	0	0	0	0	0	0	0	1	0	68	1	6	0	4	80	86.2
0	0	0	21	3	1	0	2	27	29.5	0	0	0	0	0	0	0	0	0	1	1	292	16	9	1	15	335	354.4
0	0	0	8	1	1	0	1	11	12.5	0	0	0	0	0	0	0	0	0	2	0	96	5	2	1	4	110	114.7
0	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	108	5	1	1	1	116	118.8
0	1	0	13	1	1	0	1	17	17.7	0	0	0	0	0	0	0	0	0	1	0	107	6	2	1	5	122	128.5
0	0	0	22	0	1	0	0	23	23.5	0	0	0	0	0	0	0	0	0	1	0	95	5	0	1	1	103	104.5
0	1	0	58	2	3	0	2	66	68.7	0	0	0	0	0	0	0	0	0	4	0	406	21	5	4	11	451	466.5
0	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0	1	0	113	9	1	0	2	126	127.7
0	0	0	10	2	1	0	0	13	13.5	0	0	0	0	0	0	0	0	0	0	0	93	9	4	0	2	108	112
0	0	0	7	0	0	0	1	8	9	0	0	0	0	0	0	0	0	0	0	0	81	8	1	0	1	91	92.5
0	0	0	15	0	1	0	0	16	16.5	0	0	0	0	0	0	0	0	0	0	0	65	2	1	0	1	69	70.5
0	0	0	44	2	2	0	1	49	51	0	0	0	0	0	0	0	0	0	1	0	352	28	7	0	6	394	402.7
0	0	0	15	3	0	0	1	19	20	0	0	0	0	0	0	0	0	0	1	0	77	4	1	0	1	84	84.7
0	0	0	24	1	1	0	1	27	28.5	0	0	0	0	0	0	0	0	0	0	0	81	10	5	0	1	97	100.5
0	0	0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	59	9	0	0	1	69	70
0	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	1	77	11	2	0	2	93	95.4
0	0	0	76	4	1	0	2	83	85.5	0	0	0	0	0	0	0	0	0	1	1	294	34	8	0	5	343	350.6
0	0	0	12	0	0	0	1	13	14	0	0	0	0	0	0	0	0	0	2	0	99	13	3	0	0	117	116.9
0	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	1	0	75	10	2	0	3	91	94.2
0	0	0	19	1	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	80	17	3	0	0	100	101.5
0	0	0	6	1	0	0	1	8	9	0	0	0	0	0	0	0	0	0	1	0	81	5	1	0	1	89	89.7
0	0	0	46	2	0	0	2	50	52	0	0	0	0	0	0	0	0	0	4	0	335	45	9	0	4	397	402.3
0	0	0	14	1	0	0	0	15	15	0	0	0	0	0	0	0	0	0	1	0	90	14	2	1	1	109	111.5
0	2	0	16	0	0	0	0	18	16.4	0	0	0	0	0	0	0	0	0	0	0	60	9	1	1	1	72	74.8
0	0	1	11	3	0	0	1	16	16.4	0	0	0	0	0	0	0	0	0	0	0	74	13	3	1	1	92	95.8
0	0	0	9	1	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	88	8	0	0	1	97	98
0	2	1	50	5	0	0	1	59	57.8	0	0	0	0	0	0	0	0	0	1	0	312	44	6	3	4	370	380.1
0	0	0	11	0	1	0	1	13	14.5	0	0	0	0	0	0	0	0	0	1	0	97	9	2	0	2	111	113.2
0	0	0	12	0	1	0	0	13	13.5	0	0	0	0	0	0	0	0	0	1	0	87	8	3	1	2	102	106
0	0	0	13	2	0	0	1	16	17	0	0	0	0	0	0	0	0	0	0	0	80	5	4	0	0	89	91
0	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	78	6	3	0	1	88	90.5
0	0	0	43	2	2	0	2	49	52	0	0	0	0	0	0	0	0	0	2	0	342	28	12	1	5	390	400.7
0	0	0	12	0	1	0	1	14	15.5	0	0	0	0	0	0	0	0	0	0	0	69	9	8	0	1	87	92
0	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	89	9	1	0	2	101	103.5
0	0	0	14	0	1	0	1	16	17.5	0	0	0	0	0	0	0	0	0	0	1	78	6	3	2	1	91	95.5
0	0	0	18	1	0	0	0	19	19	0	0	0	0	0	0	0	0	0	1	0	98	14	2	0	1	116	117.2
0	0	0	53	1	2	0	2	58	61	0	0	0	0	0	0	0	0	0	1	1	334	38	14	2	5	395	408.2
0	0	0	16	1	0	0	0	17	17	0	0	0	0	0	0	0	0	0	0	0	86	7	5	2	1	101	107.1
0	0	0	16	1	0	0	1	18	19	0	0	0	0	0	0	0	0	0	1	0	77	7	3	0	1	89	90.7
0	0	0	18	3	0	0	1	22	23	0	0	0	0	0	0	0	0	0	0	0	90	10	0	1	1	102	104.3
0	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0	0	0	82	7	2	0	2	93	96
0	0	0	62	5	0	0	2	69	71	0	0	0	0	0	0	0	0	0	1	0	335	31	10	3	5	385	398.1
0	0	0	18	1	0	0	1	20	21	0	0	0	1	0	0	0	1	1	4	0	109	7	3	0	1	124	123.3
0	0	0	29	2	0	0	0	31	31	0	0	0	0	0	0	0	0	0	1	1	83	16	1	0	6	108	113.1
0	0	0	18	2	0	0	1	21	22	0	0	0	0	0	0	0	0	0	1	0	100	9	0	0	3	113	115.2
0	0	0	13	1	0	0	1	15	16	0	0	0	0	0	0	0	0	0	0	0	68	6	0	1	1	76	78.3
0	0	0	78	6	0	0	3	87	90	0	0	0	1	0	0	0	1	1	6	1	360	38	4	1	11	421	429.9
0	0	0	16	1	0	0	1	18	19	0	0	0	0	0	0	0	0	0	1	1	92	4	1	0	2	101	102.1
0	0	0	25	2	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0	0	95	5	1	0	2	103	105.5
0	0	0	17	1	0	0	1	19	20	0	0	0	0	0	0	0	0	0	0	0	98	3	1	0	2	104	106.5
0.2	0	0	20	0	0	0	0	20	20	0	0	0	0	0	0	0	0	0	1	0	67	5	1	0	0	74	73.7
0.2	0	0	78	4	0	0	2	84	86	0	0	0	0	0	0	0	0	0	2	1	352	17	4	0	6	382	387.8
0	0	0	17	0	0	0	1	18	19	0	0	0	0	0	0	0	0	0	2	0	97	2	1	0	4	106	108.9
0	0	0	17	0	0	0	0	17	17	0	0	0	0	0	0	0	0	0	1	0	77	9	1	0	3	91	93.7
0	0	0	11	1	0	0	1	13	14	0	0	0	0	0	0	0	0	0	0	0	84	4	1	0	1	90	91.5
0	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0	1	0	61	1	1	0	1	65	65.7
0	0	0	57	1	0	0	2	60	62	0	0	0	0	0	0	0	0	0	4	0	319	16	4	0	9	352	359.8
0.2	3	1	666	37	11	0	23	741	766.5	0	0	0	1	0	0	0	1	1	28	5	4033	356	92	15	86	4615	4741.1

C => A									C => B									C => C								
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	7	1	0	0	0	8	8	1	0	22	9	2	1	1	36	38.5	0	0	0	0	0	0	0	0	0
0	0	19	0	2	0	0	21	22	0	0	32	6	0	0	4	42	46	0	0	1	0	0	0	0	1	1
0	0	6	0	1	0	0	7	7.5	1	0	47	15	3	0	5	71	76.7	0	0	0	0	0	0	0	0	0
0	0	12	0	0	0	0	12	12	1	0	63	11	2	0	5	82	87.2	0	0	1	0	0	0	0	1	1
0	0	44	1	3	0	0	48	49.5	3	0	164	41	7	1	15	231	248.4	0	0	2	0	0	0	0	2	2
0	0	26	2	0	1	0	29	30.3	0	0	81	8	2	0	3	94	98	0	0	0	0	0	0	0	0	0
0	0	10	1	0	0	0	11	11	1	0	96	6	2	1	2	108	111.5	0	0	0	0	0	0	0	0	0
0	0	10	0	1	0	0	11	11.5	0	0	89	7	3	0	1	100	102.5	0	0	0	0	0	0	0	0	0
0	0	15	2	0	0	0	17	17	2	0	80	10	3	0	3	98	100.9	0	0	0	0	0	0	0	0	0
0	0	61	5	1	1	0	68	69.8	3	0	346	31	10	1	9	400	412.9	0	0	0	0	0	0	0	0	0
0	0	19	0	0	0	0	19	19	1	0	74	10	4	0	2	91	94.2	0	0	0	0	0	0	0	0	0
0	0	16	1	0	0	0	17	17	0	0	74	10	2	1	2	89	93.3	0	0	0	0	0	0	0	0	0
0	0	5	2	1	0	0	8	8.5	3	0	48	12	4	0	1	68	68.6	0	0	0	0	0	0	0	0	0
0	0	17	0	0	0	0	17	17	2	0	68	9	5	0	1	85	86.9	0	0	0	0	0	0	0	0	0
0	0	57	3	1	0	0	61	61.5	6	0	264	41	15	1	6	333	343	0	0	0	0	0	0	0	0	0
1	0	23	2	0	0	0	26	25.2	1	0	62	7	4	0	2	76	79.2	0	0	0	0	0	0	0	0	0
0	0	31	0	1	0	0	32	32.5	0	0	81	5	1	1	0	88	89.8	0	0	0	0	0	0	0	0	0
0	0	16	4	1	0	0	21	21.5	1	0	61	4	3	0	2	71	73.7	0	0	0	0	0	0	0	0	0
0	0	23	5	0	0	0	28	28	0	0	65	8	1	0	0	74	74.5	0	0	0	0	0	0	0	0	0
1	0	93	11	2	0	0	107	107.2	2	0	269	24	9	1	4	309	317.2	0	0	0	0	0	0	0	0	0
0	0	17	3	1	0	0	21	21.5	1	0	63	10	2	1	1	78	80.5	0	0	0	0	0	0	0	0	0
0	0	16	0	0	0	0	16	16	0	0	60	13	0	0	1	74	75	0	0	0	0	0	0	0	0	0
0	0	13	1	0	0	0	14	14	0	0	54	5	2	0	0	61	62	0	0	0	0	0	0	0	0	0
0	0	20	1	0	0	0	21	21	2	1	71	6	1	0	2	83	83.3	0	0	0	0	0	0	0	0	0
0	0	66	5	1	0	0	72	72.5	3	1	248	34	5	1	4	296	300.8	0	0	0	0	0	0	0	0	0
0	0	22	2	0	0	0	24	24	0	0	71	3	1	0	1	76	77.5	0	0	0	0	0	0	0	0	0
1	0	12	2	2	0	0	17	17.2	2	0	60	8	2	0	1	73	73.4	0	0	0	0	0	0	0	0	0
0	0	13	0	0	0	0	13	13	0	0	71	9	0	1	1	82	84.3	0	0	0	0	0	0	0	0	0
0	0	17	4	0	0	0	21	21	0	0	87	8	2	0	1	98	100	0	0	0	0	0	0	0	0	0
1	0	64	8	2	0	0	75	75.2	2	0	289	28	5	1	4	329	335.2	0	0	0	0	0	0	0	0	0
0	0	14	1	0	0	0	15	15	1	0	70	10	1	1	1	84	86	0	0	0	0	0	0	0	0	0
0	0	17	2	1	0	0	20	20.5	0	0	86	4	1	0	1	92	93.5	0	0	0	0	0	0	0	0	0
0	0	10	3	0	0	0	13	13	1	0	66	7	5	0	1	80	82.7	0	0	0	0	0	0	0	0	0
0	0	11	2	0	0	0	13	13	2	0	67	4	4	1	1	79	81.7	0	0	0	0	0	0	0	0	0
0	0	52	8	1	0	0	61	61.5	4	0	289	25	11	2	4	335	343.9	0	0	0	0	0	0	0	0	0
1	0	13	0	0	0	0	14	13.2	0	0	53	7	1	0	1	62	63.5	0	0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	14	14	1	1	80	8	3	0	2	95	97.1	0	0	0	0	0	0	0	0	0
0	0	14	2	0	0	0	16	16	1	0	70	4	1	0	1	77	77.7	0	0	0	0	0	0	0	0	0
0	0	22	1	0	0	0	23	23	1	0	65	6	3	0	3	78	81.7	0	0	0	0	0	0	0	0	0
1	0	63	3	0	0	0	67	66.2	3	1	268	25	8	0	7	312	320	0	0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	14	14	1	0	56	5	0	0	3	65	67.2	0	0	0	0	0	0	0	0	0
1	0	16	2	1	0	0	20	19.7	0	0	84	7	1	0	0	92	92.5	0	0	0	0	0	0	0	0	0
0	0	11	1	0	0	0	12	12	0	0	102	3	1	0	1	107	108.5	0	0	0	0	0	0	0	0	0
0	0	17	3	0	0	0	20	20	1	0	93	4	0	0	4	102	105.2	0	0	0	0	0	0	0	0	0
1	0	58	6	1	0	0	66	65.7	2	0	335	19	2	0	8	366	373.4	0	0	0	0	0	0	0	0	0
0	0	15	1	0	0	0	16	16	1	1	71	5	0	0	0	78	76.6	0	0	0	0	0	0	0	0	0
0	0	31	0	0	0	0	31	31	0	0	75	6	1	0	3	85	88.5	0	0	0	0	0	0	0	0	0
0	0	15	3	0	0	0	18	18	0	0	71	5	0	0	2	78	80	0	0	0	0	0	0	0	0	0
0	0	30	0	0	0	0	30	30	0	0	90	3	1	0	2	96	98.5	0	0	0	0	0	0	0	0	0
0	0	91	4	0	0	0	95	95	1	1	307	19	2	0	7	337	343.6	0	0	0	0	0	0	0	0	0
0	0	21	0	0	0	0	21	21	0	0	75	5	1	0	1	82	83.5	0	0	0	0	0	0	0	0	0
0	0	19	2	0	0	0	21	21	0	1	88	5	0	0	2	96	97.4	0	0	0	0	0	0	0	0	0
0	0	26	0	0	0	0	26	26	1	0	78	3	0	0	1	83	83.2	0	0	0	0	0	0	0	0	0
0	0	23	0	0	0	0	23	23	1	0	116	3	0	0	3	123	125.2	0	0	0	0	0	0	0	0	0
0	0	89	2	0	0	0	91	91	2	1	357	16	1	0	7	384	389.3	0	0	0	0	0	0	0	0	0
0	0	26	0	0	0	0	26	26	1	0	89	2	0	0	3	95	97.2	0	0	0	0	0	0	0	0	0
0	0	21	1	0	0	0	22	22	0	0	92	3	1	0	2	98	100.5	0	0	0	0	0	0	0	0	0
0	0	17	1	0	0	0	18	18	0	0	88	2	0	0	2	92	94	0	0	0	0	0	0	0	0	0
0	0	15	0	0	0	0	15	15	1	0	116	2	0	0	2	121	122.2	0	0	0	0	0	0	0	0	0
0	0	79	2	0	0	0	81	81	2	0	385	9	1	0	9	406	413.9	0	0	0	0	0	0	0	0	0
4	0	817	58	12	1	0	892	896.1	33	4	3521	312	76	8	84	4038	4141.6	0	0	2	0	0	0	0	2	2

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 7
Location: James's Terrace/The Mall R106
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	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	1	0	0	0	0	1
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3
12 TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	1	0	0	0	29

	A => D									B => A									B => B								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
1	0	0	3	1	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
2	0	0	5	1	0	0	0	6	6	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
2	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	2	0	0	0	0	2	2	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	7	0	0	0	0	7	7	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	4	1	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	6	1	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	5	0	0	0	0	5	5	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
3	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
6	0	0	7	0	0	0	0	7	7	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	2	0	0	0	0	2	2	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
3	0	0	5	0	0	0	0	5	5	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
29	0	0	47	3	0	0	0	50	50	0	0	10	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0

B => C									B => D									C => A									
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C
0	0	5	0	1	0	1	7	8.5	0	0	11	2	3	0	0	16	17.5	0	0	0	0	0	0	0	0	0	0
0	0	18	2	0	0	1	21	22	0	0	29	0	0	0	0	29	29	0	0	0	0	0	0	0	0	0	0
0	0	15	4	1	0	0	20	20.5	0	0	19	1	3	0	0	23	24.5	0	0	0	0	0	0	0	0	0	0
0	0	12	0	2	0	1	15	17	0	0	16	1	3	0	0	20	21.5	0	0	0	0	0	0	0	0	0	0
0	0	50	6	4	0	3	63	68	0	0	75	4	9	0	0	88	92.5	0	0	0	0	0	0	0	0	0	0
1	0	30	0	0	0	0	31	30.2	0	0	20	4	2	0	0	26	27	0	0	0	0	0	0	0	0	0	0
0	0	50	4	0	0	1	55	56	0	0	24	4	1	1	0	30	31.8	0	0	0	0	0	0	0	0	0	0
0	0	44	3	1	0	0	48	48.5	0	0	29	4	3	0	0	36	37.5	0	0	0	0	0	0	0	0	0	1
0	0	35	5	3	0	1	44	46.5	0	0	24	4	2	0	0	30	31	0	0	0	0	0	0	0	0	0	0
1	0	159	12	4	0	2	178	181.2	0	0	97	16	8	1	0	122	127.3	0	0	0	0	0	0	0	0	0	1
2	0	33	6	0	0	0	41	39.4	1	0	24	5	1	0	0	31	30.7	0	0	0	0	0	0	0	0	0	0
0	0	29	3	0	0	0	32	32	0	0	21	2	1	0	0	24	24.5	0	0	0	0	0	0	0	0	0	0
0	0	21	3	0	0	0	24	24	0	0	16	3	1	0	0	20	20.5	0	0	1	0	0	0	0	1	1	0
0	0	25	2	0	0	0	27	27	0	0	22	3	1	0	0	26	26.5	0	0	2	0	0	0	0	2	2	0
2	0	108	14	0	0	0	124	122.4	1	0	83	13	4	0	0	101	102.2	0	0	3	0	0	0	0	3	3	0
1	0	37	2	0	0	1	41	41.2	0	0	24	3	3	0	0	30	31.5	0	0	2	0	0	0	0	2	2	0
1	0	35	2	2	0	0	40	40.2	0	0	36	2	2	0	0	40	41	0	0	1	0	0	0	0	1	1	0
0	0	38	7	0	0	1	46	47	0	0	35	2	0	0	0	37	37	0	0	2	0	0	0	0	2	2	0
0	0	32	6	0	0	0	38	38	0	0	41	2	1	0	0	44	44.5	0	0	2	0	0	0	0	2	2	0
2	0	142	17	2	0	2	165	166.4	0	0	136	9	6	0	0	151	154	0	0	7	0	0	0	0	7	7	0
0	1	34	3	0	0	1	39	39.4	0	0	28	8	0	0	0	36	36	0	0	0	0	0	0	0	0	0	0
1	0	22	3	1	0	1	28	28.7	0	0	30	5	3	0	0	38	39.5	0	0	3	0	0	0	0	3	3	0
0	0	33	2	1	0	0	36	36.5	0	0	32	0	0	0	0	32	32	0	0	0	0	0	0	0	0	0	0
0	0	36	4	1	0	0	41	41.5	0	0	30	4	0	0	0	34	34	0	0	0	0	0	0	0	0	0	0
1	1	125	12	3	0	2	144	146.1	0	0	120	17	3	0	0	140	141.5	0	0	3	0	0	0	0	3	3	0
0	0	29	2	0	0	0	31	31	0	0	30	5	1	0	0	36	36.5	0	0	1	0	0	0	0	1	1	0
0	0	42	1	0	0	1	44	45	0	0	29	4	0	0	0	33	33	0	0	0	0	0	0	0	0	0	0
0	0	46	2	0	0	0	48	48	0	0	36	0	0	0	0	36	36	0	0	0	0	0	0	0	0	0	0
0	0	33	3	0	0	1	37	38	0	0	30	3	0	0	0	33	33	0	0	2	0	0	0	0	2	2	0
0	0	150	8	0	0	2	160	162	0	0	125	12	1	0	0	138	138.5	0	0	3	0	0	0	0	3	3	0
3	0	36	1	0	0	0	40	37.6	0	0	27	3	0	0	0	30	30	0	0	1	0	0	0	0	1	1	0
0	0	39	0	0	0	0	39	39	0	0	30	2	2	0	0	34	35	0	0	0	1	0	0	0	1	1	0
0	0	36	0	0	0	1	37	38	0	0	22	2	3	0	0	27	28.5	0	0	0	0	0	0	0	0	0	0
0	0	38	4	0	0	0	42	42	0	0	20	4	0	0	0	24	24	0	0	1	0	0	0	0	1	1	0
3	0	149	5	0	0	1	158	156.6	0	0	99	11	5	0	0	115	117.5	0	0	2	1	0	0	0	3	3	0
0	0	35	2	0	0	1	38	39	0	0	20	2	3	0	0	25	26.5	0	0	0	0	0	0	0	0	0	0
0	0	33	1	0	0	0	34	34	0	0	31	3	0	0	0	34	34	0	0	1	0	0	0	0	1	1	0
1	1	38	3	2	0	1	46	46.6	0	0	31	1	2	0	0	34	35	0	0	1	0	0	0	0	1	1	1
0	0	39	5	0	0	1	45	46	0	0	30	1	1	0	0	32	32.5	0	0	0	0	0	0	0	0	0	0
1	1	145	11	2	0	3	163	165.6	0	0	112	7	6	0	0	125	128	0	0	2	0	0	0	0	2	2	1
0	0	53	1	0	0	0	54	54	0	0	31	3	0	0	0	34	34	0	0	1	0	0	0	0	1	1	0
0	0	44	0	1	0	1	46	47.5	0	0	25	1	1	0	0	27	27.5	0	0	1	0	0	0	0	1	1	0
0	0	49	4	0	0	0	53	53	0	0	35	3	0	0	0	38	38	0	0	1	0	0	0	0	1	1	0
1	0	54	0	0	0	1	56	56.2	0	0	27	0	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0
1	0	200	5	1	0	2	209	210.7	0	0	118	7	1	0	0	126	126.5	0	0	3	0	0	0	0	3	3	0
1	0	33	1	0	0	0	35	34.2	0	0	26	1	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0
0	0	43	3	0	0	1	47	48	0	0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0	0
0	0	59	2	0	0	1	62	63	0	0	34	2	0	0	0	36	36	0	0	0	0	0	0	0	0	0	0
0	0	62	3	0	0	0	65	65	0	0	30	1	1	0	0	32	32.5	0	0	1	0	0	0	0	1	1	0
1	0	197	9	0	0	2	209	210.2	0	0	112	4	1	0	0	117	117.5	0	0	1	0	0	0	0	1	1	0
0	0	56	3	0	0	1	60	61	0	1	29	0	0	0	0	30	29.4	0	0	2	0	0	0	0	2	2	0
0	0	44	1	0	0	0	45	45	0	0	25	4	0	0	0	29	29	0	0	2	0	0	0	0	2	2	0
1	0	61	3	0	0	1	66	66.2	0	0	37	1	0	0	0	38	38	0	0	0	0	0	0	0	0	0	0
1	0	61	2	0	0	0	64	63.2	0	0	22	2	0	0	0	24	24	0	0	0	0	0	0	0	0	0	0
2	0	222	9	0	0	2	235	235.4	0	1	113	7	0	0	0	121	120.4	0	0	4	0	0	0	0	4	4	0
0	0	67	1	0	0	1	69	70	0	0	30	0	0	0	0	30	30	0	0	1	0	0	0	0	1	1	0
0	0	37	1	0	0	0	38	38	0	0	17	1	0	0	0	18	18	0	0	1	0	0	0	0	1	1	0
0	0	35	1	0	0	1	37	38	0	0	18	1	0	0	0	19	19	0	0	0	0	0	0	0	0	0	0
0	0	40	3	0	0	0	43	43	0	0	24	0	0	0	0	24	24	0	0	0	0	0	0	0	0	0	0
0	0	179	6	0	0	2	187	189	0	0	89	2	0	0	0	91	91	0	0	2	0	0	0	0	2	2	0
14	2	1826	114	16	0	23	1995	2013.6	1	1	1279	109	44	1	0	1435	1456.9	0	0	30	1	0	0	0	31	31	2

C => B								C => C								C => D										
M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	3	2	1	4	44	50.3	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	74	6	2	0	2	86	87.4	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	73	2	1	0	2	79	80.9	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	64	2	3	0	2	73	74.9	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	245	13	8	1	10	282	293.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	92	8	2	1	3	106	111.3	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	96	4	0	0	0	102	100.4	0	0
0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	1	0	114	3	2	1	5	126	132.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	119	6	0	1	0	131	128.3	0	0
0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	8	0	421	21	4	3	8	465	472.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	124	7	2	0	2	137	138.4	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	5	1	0	1	85	86.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	2	1	0	1	89	90.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	76	2	1	0	1	81	81.7	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	363	16	5	0	5	392	397.1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	86	8	0	0	1	96	96.2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93	10	3	0	2	108	111.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	72	10	2	0	0	87	85.8	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	68	8	0	0	2	79	80.2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	319	36	5	0	5	370	373.7	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	77	8	4	0	0	90	91.2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	66	6	1	0	2	76	77.7	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	8	3	0	0	97	98.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	78	4	1	0	2	86	87.7	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	307	26	9	0	4	349	355.1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	79	14	2	1	0	98	98.7	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	5	1	0	1	80	81.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	13	1	1	1	84	86.8	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	11	0	0	2	102	104	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	309	43	4	2	4	364	371	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	99	10	4	0	1	115	117.2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	7	2	0	1	85	87	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	8	3	0	1	101	103.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	89	7	3	0	1	101	102.7	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	352	32	12	0	4	402	410.4	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	98	10	2	0	1	113	113.4	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	72	12	0	0	1	86	86.2	0	0
0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	0	1	96	5	2	1	2	107	110.7	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	19	3	0	0	108	109.5	0	0
0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0	3	1	352	46	7	1	4	414	419.8	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	10	5	2	1	91	97.1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	7	1	0	1	96	97.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	84	6	0	1	2	94	96.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	9	2	0	1	102	104	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	334	32	8	3	5	383	395.1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	5	2	0	3	98	102	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	76	19	1	0	6	104	109.1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	98	7	0	0	2	109	109.4	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	8	0	1	1	100	102.3	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	352	39	3	1	12	411	422.8	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88	4	2	0	3	97	101	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	4	0	0	0	77	77	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	3	1	0	2	90	92.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	3	0	0	1	77	78	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	318	14	3	0	6	341	348.5	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	2	0	0	3	91	94	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	60	3	1	0	2	68	68.9	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	78	3	0	0	2	84	85.2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	0	0	0	0	77	77	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	301	8	1	0	7	320	325.1	0	0
0	0	0	0	0	0	2	0.4	0	0	0	0	0	0	0	0	0	36	4	3973	326	69	11	74	4493	4584.6	0	0

D => A							D => B									D => C											
CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	18	7	2	1	2	30	34.3	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	4	0	0	3	28	31	0	0	0
0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	38	9	3	0	4	55	59.7	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	48	14	0	0	4	67	70.2	0	0	0
1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2	0	125	34	5	1	13	180	195.2	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	46	7	0	0	3	56	59	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	3	3	1	0	58	60.8	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	10	3	0	1	75	77.5	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	74	5	3	0	2	84	87.5	0	0	0
2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	232	25	9	1	6	273	284.8	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	52	9	3	0	1	67	68.1	0	0	0
2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	60	5	2	1	1	69	72.3	0	0	1
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0	35	7	0	0	1	45	44.4	0	0	0
2	1	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	0	44	6	3	0	0	54	54.7	0	0	0
5	1	0	0	0	6	6	0	0	0	0	0	0	0	0	0	4	1	191	27	8	1	3	235	239.5	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	0	3	0	1	58	60.5	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	52	4	1	1	0	59	60.2	0	0	0
2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	48	2	2	0	1	54	55.2	0	0	0
2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	50	4	1	0	0	55	55.5	0	0	1
5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	1	1	204	10	7	1	2	226	231.4	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	5	2	1	0	60	62.3	0	0	0
2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	43	8	0	0	1	52	53	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	45	5	1	0	0	51	51.5	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	54	7	1	0	1	64	64.9	0	0	0
3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	1	194	25	4	1	2	227	231.7	0	0	0
0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	64	4	1	0	1	70	71.5	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	51	6	1	0	0	58	58.5	0	0	1
2	1	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	0	54	7	0	0	1	63	63.2	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	5	2	0	0	75	76	0	0	0
3	2	0	0	0	5	5	0	0	0	0	0	0	0	0	0	1	0	237	22	4	0	2	266	269.2	0	0	1
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	72	5	0	1	1	79	81.3	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	71	3	1	0	0	75	75.5	0	0	0
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1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	53	5	3	1	0	63	65	0	0	0
4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	2	0	256	21	8	2	2	291	298	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	55	4	1	0	1	61	62.5	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	67	6	0	0	2	75	77	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	79	7	3	0	1	90	92.5	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	48	4	1	0	1	54	55.5	0	0	0
4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	249	21	5	0	5	280	287.5	0	0	0
2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	51	4	0	0	2	57	59	0	0	0
2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	49	4	1	0	0	54	54.5	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	60	2	0	0	1	64	64.2	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	47	2	0	0	3	54	55.4	0	0	0
4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	3	0	207	12	1	0	6	229	233.1	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	72	7	0	0	0	80	79.4	0	0	1
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	60	3	1	0	2	66	68.5	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	70	1	0	0	2	73	75	0	0	0
2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	79	5	0	0	1	86	86.2	0	0	0
5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	1	1	281	16	1	0	5	305	309.1	0	0	1
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	64	3	0	0	0	67	67	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	67	4	0	0	1	73	73.4	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	65	4	0	0	1	71	71.2	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91	4	0	0	0	95	95	0	0	0
2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	1	287	15	0	0	2	306	306.6	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	70	2	0	0	1	74	74.2	0	0	0
1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	74	3	0	0	0	78	77.2	0	0	0
3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	0	70	3	0	0	1	75	75.2	0	0	0
5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	75	2	1	0	0	78	78.5	0	0	0
10	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0	3	0	289	10	1	0	2	305	305.1	0	0	0
48	4	0	0	0	52	52	0	0	0	0	0	0	0	0	0	18	5	2752	238	53	7	50	3123	3191.2	0	0	4

D => D					
LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	1	1
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	4	4

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 8
Location: The Mall R106/The Rise
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	21	5	3	1	3	33	38.8	0	0	0	1	0	0	0	1
07:15	0	0	0	0	0	0	0	0	0	0	0	41	4	0	0	4	49	53	0	0	8	0	0	0	0	8
07:30	0	0	0	0	0	0	0	0	0	1	0	44	15	4	0	4	68	73.2	0	0	5	0	0	0	0	5
07:45	0	0	1	0	0	0	0	1	1	1	0	63	14	2	0	5	85	90.2	0	0	2	0	0	0	0	2
H/TOT	0	0	1	0	0	0	0	1	1	2	0	169	38	9	1	16	235	255.2	0	0	15	1	0	0	0	16
08:00	0	0	0	0	0	0	0	0	0	1	0	65	7	0	0	3	76	78.2	0	0	11	0	0	0	0	11
08:15	0	0	0	0	0	0	0	0	0	0	0	84	6	3	1	1	95	98.8	0	0	18	1	0	0	0	19
08:30	0	0	0	0	0	0	0	0	0	0	0	104	11	3	0	1	119	121.5	0	0	2	0	0	0	0	2
08:45	0	0	0	0	0	0	0	0	0	0	0	106	12	7	0	3	128	134.5	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	359	36	13	1	8	418	433	0	0	31	1	0	0	0	32
09:00	0	0	0	0	0	0	0	0	0	2	1	85	14	3	0	1	106	106.3	1	0	1	0	0	0	0	2
09:15	0	0	0	0	0	0	0	0	0	0	0	84	9	2	1	1	97	100.3	0	0	3	0	0	0	0	3
09:30	0	0	0	0	0	0	0	0	0	2	0	53	10	0	0	1	66	65.4	0	0	3	0	0	0	0	3
09:45	0	0	0	0	0	0	0	0	0	1	0	65	6	3	0	0	75	75.7	0	0	4	1	0	0	0	5
H/TOT	0	0	0	0	0	0	0	0	0	5	1	287	39	8	1	3	344	347.7	1	0	11	1	0	0	0	13
10:00	0	0	1	0	0	0	0	1	1	1	0	83	4	2	0	2	92	94.2	0	0	6	0	0	0	0	6
10:15	0	0	1	0	0	0	0	1	1	1	1	73	4	4	1	0	84	85.9	0	0	11	0	0	0	0	11
10:30	0	0	0	0	0	0	0	0	0	1	0	83	9	2	0	2	97	99.2	0	0	6	0	0	0	0	6
10:45	0	0	0	0	0	0	0	0	0	0	0	73	10	1	0	0	84	84.5	0	0	8	0	0	0	0	8
H/TOT	0	0	2	0	0	0	0	2	2	3	1	312	27	9	1	4	357	363.8	0	0	31	0	0	0	0	31
11:00	0	0	1	0	0	0	0	1	1	0	1	85	8	2	1	1	98	100.7	0	0	6	0	0	0	0	6
11:15	0	0	0	0	0	0	0	0	0	1	0	63	12	1	0	2	79	80.7	0	0	3	0	0	0	0	3
11:30	0	0	1	0	0	0	0	1	1	0	0	72	6	2	0	0	80	81	0	0	5	1	0	0	0	6
11:45	0	0	0	0	0	0	0	0	0	0	1	88	10	2	0	1	102	103.4	0	0	4	2	0	0	0	6
H/TOT	0	0	2	0	0	0	0	2	2	1	2	308	36	7	1	4	359	365.8	0	0	18	3	0	0	0	21
12:00	0	0	0	0	0	0	0	0	0	0	0	84	6	1	0	1	92	93.5	0	0	9	0	0	0	0	9
12:15	0	0	0	0	0	0	0	0	0	0	0	86	6	1	0	1	94	95.5	0	0	5	0	0	0	0	5
12:30	0	0	0	0	0	0	0	0	0	1	0	89	8	0	0	1	99	99.2	0	0	11	1	0	0	0	12
12:45	0	0	1	0	0	0	0	1	1	0	0	100	7	2	0	0	109	110	0	0	4	0	0	0	0	4
H/TOT	0	0	1	0	0	0	0	1	1	1	0	359	27	4	0	3	394	398.2	0	0	29	1	0	0	0	30
13:00	0	0	0	0	0	0	0	0	0	3	0	108	6	0	1	2	120	120.9	0	0	2	0	0	0	0	2
13:15	0	0	0	0	0	0	0	0	0	0	0	104	3	1	0	0	108	108.5	0	0	3	0	0	0	0	3
13:30	0	0	0	0	0	0	0	0	0	1	0	93	6	4	0	2	106	109.2	0	0	3	2	0	0	0	5
13:45	0	0	0	0	0	0	0	0	0	1	0	92	9	3	1	0	106	108	0	0	1	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	5	0	397	24	8	2	4	440	446.6	0	0	9	2	0	0	0	11
14:00	0	0	0	0	1	0	0	1	1.5	0	0	83	6	0	0	2	91	93	0	0	7	0	0	0	0	7
14:15	0	0	0	0	0	0	0	0	0	0	0	95	6	0	0	2	103	105	0	0	4	1	0	0	0	5
14:30	0	0	0	0	0	0	0	0	0	1	0	120	10	4	0	2	137	140.2	0	1	1	0	1	0	0	3
14:45	0	0	0	0	0	0	0	0	0	0	0	84	8	0	0	2	94	96	0	0	3	0	0	0	0	3
H/TOT	0	0	0	0	1	0	0	1	1.5	1	0	382	30	4	0	8	425	434.2	0	1	15	1	1	0	0	18
15:00	0	0	0	0	0	0	0	0	0	0	0	95	6	1	0	1	103	104.5	0	0	11	0	0	0	0	11
15:15	0	0	0	0	0	0	0	0	0	0	0	85	4	2	0	1	92	94	0	0	5	0	0	0	0	5
15:30	0	0	0	0	0	0	0	0	0	1	0	98	6	0	0	2	107	108.2	0	0	10	0	0	0	0	10
15:45	0	0	0	0	0	0	0	0	0	3	0	92	2	0	0	4	101	102.6	0	0	10	0	0	0	0	10
H/TOT	0	0	0	0	0	0	0	0	0	4	0	370	18	3	0	8	403	409.3	0	0	36	0	0	0	0	36
16:00	0	0	0	0	0	0	0	0	0	1	1	95	7	0	0	0	104	102.6	0	0	9	0	0	0	0	9
16:15	0	0	0	0	0	0	0	0	0	0	0	90	5	1	0	3	99	102.5	0	0	15	1	0	0	0	16
16:30	0	0	0	0	0	0	0	0	0	0	0	105	2	0	0	3	110	113	0	0	24	1	0	0	0	25
16:45	0	0	0	0	0	0	0	0	0	1	0	114	7	0	0	1	123	123.2	0	0	24	1	0	0	0	25
H/TOT	0	0	0	0	0	0	0	0	0	2	1	404	21	1	0	7	436	441.3	0	0	72	3	0	0	0	75
17:00	0	0	0	0	0	0	0	0	0	0	0	105	5	0	0	1	111	112	0	0	19	0	0	0	0	19
17:15	0	0	0	0	0	0	0	0	0	0	1	104	6	0	0	1	112	112.4	0	0	10	0	0	0	0	10
17:30	0	0	0	0	0	0	0	0	0	2	0	105	7	0	0	2	116	116.4	0	0	20	0	0	0	0	20
17:45	0	0	0	0	0	0	0	0	0	1	0	135	6	0	0	0	142	141.2	0	0	16	0	0	0	0	16
H/TOT	0	0	0	0	0	0	0	0	0	3	1	449	24	0	0	4	481	482	0	0	65	0	0	0	0	65
18:00	0	0	0	0	0	0	0	0	0	1	0	112	3	0	0	2	118	119.2	0	0	24	0	0	0	0	24
18:15	0	0	1	0	0	0	0	1	1	1	0	97	4	0	0	0	102	101.2	0	0	11	0	0	0	0	11
18:30	0	0	0	0	0	0	0	0	0	1	0	97	4	0	0	2	104	105.2	0	0	10	0	0	0	0	10
18:45	0	0	0	0	0	0	0	0	0	0	0	108	4	1	0	0	113	113.5	0	0	8	0	0	0	0	8
H/TOT	0	0	1	0	0	0	0	1	1	3	0	414	15	1	0	4	437	439.1	0	0	53	0	0	0	0	53
12 TOT	0	0	7	0	1	0	0	8	8.5	31	6	4210	335	67	7	73	4729	4816.2	1	1	385	13	1	0	0	401

	B => A									B => B									B => C								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
1	0	0	30	4	2	1	4	41	47.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	2	0	72	5	2	0	2	83	84.4	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
5	0	1	71	2	1	0	2	77	78.9	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6
2	2	0	59	3	3	0	2	69	70.9	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
16	4	1	232	14	8	1	10	270	281.5	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12
11	0	0	91	8	2	1	3	105	110.3	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
19	2	0	94	4	1	0	0	101	99.9	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
2	2	0	93	2	1	1	5	104	109.2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
0	5	0	86	6	0	1	0	98	95.3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2
32	9	0	364	20	4	3	8	408	414.7	0	0	0	0	0	0	0	0	0	1	0	10	0	0	0	0	11	10.2
1.2	2	0	93	5	2	0	1	103	103.4	0	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	1	1
3	0	0	75	5	1	0	1	82	83.5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
3	0	0	82	2	1	0	1	86	87.5	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
5	1	0	75	2	1	0	1	80	80.7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
12.2	3	0	325	14	5	0	4	351	355.1	0	0	0	1	0	0	0	1	1	0	0	5	1	0	0	0	6	6
6	1	0	83	8	0	0	1	93	93.2	0	0	1	0	0	0	0	1	1	0	0	3	0	0	0	0	3	3
11	0	0	87	9	3	0	2	101	104.5	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	6	6
6	3	1	72	10	2	0	0	88	86	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
8	0	0	65	9	0	0	2	76	78	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8
31	4	1	307	36	5	0	5	358	361.7	0	0	1	0	0	0	0	1	1	0	0	16	2	0	0	0	18	18
6	1	0	69	8	4	0	0	82	83.2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
3	1	0	65	7	1	0	2	76	77.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	80	8	3	0	0	91	92.5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
6	1	0	75	4	1	0	2	83	84.7	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5
21	3	0	289	27	9	0	4	332	338.1	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10
9	2	0	72	15	2	1	0	92	92.7	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1
5	0	0	68	4	1	0	1	74	75.5	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1
12	0	0	67	11	1	1	1	81	83.8	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
4	0	0	86	10	0	0	2	98	100	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
30	2	0	293	40	4	2	4	345	352	0	0	2	0	0	0	0	2	2	0	0	4	0	0	0	0	4	4
2	1	0	96	7	4	0	1	109	111.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	70	8	2	0	1	81	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	72	7	3	0	1	83	85.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	83	6	3	0	1	94	95.7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
11	2	0	321	28	12	0	4	367	375.4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
7	2	0	87	9	1	0	1	100	99.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	68	10	0	0	1	80	80.2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
2.9	1	1	70	4	2	1	2	81	83.9	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
3	0	0	78	17	4	0	0	99	101	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	4	4.5
17.9	4	1	303	40	7	1	4	360	365	0	0	0	0	0	0	0	0	0	0	0	7	0	1	0	0	8	8.5
11	0	0	71	9	4	2	1	87	92.6	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
5	0	0	78	7	1	0	1	87	88.5	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
10	1	0	81	6	0	1	2	91	93.5	0	0	1	0	0	0	0	1	1	0	0	7	0	0	0	0	7	7
10	0	0	84	8	2	0	1	95	97	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10
36	1	0	314	30	7	3	5	360	371.6	0	0	1	0	0	0	0	1	1	0	0	24	0	0	0	0	24	24
9	0	0	87	5	2	0	4	98	103	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
16	1	1	75	19	1	0	5	102	106.1	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3
25	2	0	85	7	0	0	2	96	96.4	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7
25	0	0	80	8	0	1	1	90	92.3	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
75	3	1	327	39	3	1	12	386	397.8	0	0	0	0	0	0	0	0	0	0	0	17	1	0	0	0	18	18
19	0	0	78	6	2	0	3	89	93	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
10	0	0	70	5	0	0	0	75	75	0	0	1	0	0	0	0	1	1	0	0	5	0	0	0	0	5	5
20	0	0	84	3	1	0	2	90	92.5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
16	0	0	68	3	0	0	1	72	73	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6
65	0	0	300	17	3	0	6	326	333.5	0	0	1	0	0	0	0	1	1	0	0	16	0	0	0	0	16	16
24	0	0	83	2	0	0	3	88	91	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6
11	2	0	60	4	1	0	2	69	69.9	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
10	1	0	72	3	0	0	2	78	79.2	0	0	1	0	0	0	0	1	1	0	0	3	0	0	0	0	3	3
8	0	0	75	0	0	0	0	75	75	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7
53	3	0	290	9	1	0	7	310	315.1	0	0	1	0	0	0	0	1	1	0	0	20	0	0	0	0	20	20
400.1	38	4	3665	314	68	11	73	4173	4261.5	0	0	6	1	0	0	0	7	7	1	0	142	4	1	0	0	148	147.7

C => A									C => B									C => C								
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	2	2	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	10	10	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	22	0	0	0	0	22	22	0	0	13	0	0	0	0	13	13	0	0	0	0	0	0	0	0	0
0	0	36	0	0	0	0	36	36	0	0	33	0	0	0	0	33	33	0	0	0	0	0	0	0	0	0
0	0	62	0	0	0	0	62	62	0	0	50	0	0	0	0	50	50	0	0	0	0	0	0	0	0	0
0	0	27	1	0	0	1	29	30	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	2	2	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	37	1	0	0	1	39	40	0	0	13	0	0	0	0	13	13	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	22	0	0	0	0	22	22	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	5	5	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	16	0	0	0	0	16	16	0	0	4	1	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	5	5	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	1	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	10	1	0	0	0	11	11	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0
0	0	5	2	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	6	6	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	19	0	0	0	0	19	19	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	6	6	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	36	2	0	0	0	38	38	0	0	13	0	0	0	0	13	13	0	0	0	0	0	0	0	0	0
0	0	10	1	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	4	1	0	0	0	5	5	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	30	1	0	0	0	31	31	0	0	13	2	0	0	0	15	15	0	0	0	0	0	0	0	0	0
0	0	3	1	0	0	0	4	4	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	47	4	0	0	0	51	51	0	0	16	2	0	0	0	18	18	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	6	6	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	2	1	0	0	0	3	3	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	22	1	0	0	0	23	23	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	6	6	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	3	1	0	0	0	4	4	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	8	0	0	0	0	8	8	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	24	1	0	0	0	25	25	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	10	10	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0
0	0	27	0	0	0	0	27	27	0	0	18	0	0	0	0	18	18	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	5	5	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	2	2	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	14	0	0	0	0	14	14	0	0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0	0
0	0	327	10	0	0	1	338	339	0	0	170	3	0	0	0	173	173	0	0	0	0	0	0	0	0	0

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 9
Location: R106 Coast Rd/Grove Rd
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	1	0	1	2.3	0	0	18	4	2	0	3	27	31	0	0	5	0	0	0	0	5
07:15	0	0	0	0	0	0	0	0	0	0	0	33	4	1	0	4	42	46.5	0	0	4	0	0	0	0	4
07:30	0	0	0	0	0	0	0	0	0	1	0	38	13	4	0	4	60	65.2	0	0	10	3	0	0	0	13
07:45	0	0	0	0	0	0	0	0	0	0	0	57	11	2	0	5	75	81	0	0	7	2	0	0	0	9
H/TOT	0	0	0	0	0	1	0	1	2.3	1	0	146	32	9	0	16	204	223.7	0	0	26	5	0	0	0	31
08:00	0	0	0	0	0	0	0	0	0	0	0	55	6	0	0	2	63	65	0	0	11	1	0	0	0	12
08:15	0	0	0	0	0	0	0	0	0	0	0	72	3	3	1	2	81	85.8	0	0	12	2	0	0	0	14
08:30	0	0	0	0	0	0	0	0	0	0	0	91	11	3	0	1	106	108.5	0	0	22	1	0	0	0	23
08:45	0	0	1	0	0	0	0	1	1	0	0	101	10	6	0	2	119	124	0	0	41	1	1	0	1	44
H/TOT	0	0	1	0	0	0	0	1	1	0	0	319	30	12	1	7	369	383.3	0	0	86	5	1	0	1	93
09:00	0	0	0	0	0	0	0	0	0	2	1	77	14	3	0	1	98	98.3	1	0	15	2	0	0	0	18
09:15	0	0	0	0	0	0	0	0	0	0	0	70	9	2	1	1	83	86.3	0	0	15	0	0	0	0	15
09:30	0	0	3	0	0	0	0	3	3	1	0	47	8	0	0	1	57	57.2	1	0	6	1	0	0	0	8
09:45	0	0	0	1	0	0	0	1	1	1	0	55	6	2	0	0	64	64.2	0	0	10	0	1	0	0	11
H/TOT	0	0	3	1	0	0	0	4	4	4	1	249	37	7	1	3	302	306	2	0	46	3	1	0	0	52
10:00	0	0	1	0	0	0	0	1	1	1	0	70	3	1	0	2	77	78.7	0	0	11	1	1	0	0	13
10:15	0	0	0	0	0	0	0	0	0	2	1	64	4	4	1	0	76	77.1	0	0	9	0	0	0	0	9
10:30	0	0	1	0	0	0	0	1	1	1	0	72	7	2	0	2	84	86.2	0	0	13	1	0	0	0	14
10:45	0	0	0	0	0	0	0	0	0	0	0	61	10	1	0	0	72	72.5	0	0	10	1	0	0	0	11
H/TOT	0	0	2	0	0	0	0	2	2	4	1	267	24	8	1	4	309	314.5	0	0	43	3	1	0	0	47
11:00	0	0	2	0	0	0	0	2	2	0	1	69	7	2	1	1	81	83.7	0	0	10	1	0	0	0	11
11:15	0	0	1	0	0	0	0	1	1	1	0	65	10	1	0	2	79	80.7	0	0	5	1	0	0	0	6
11:30	0	0	0	0	0	0	0	0	0	0	0	65	4	1	0	0	70	70.5	0	0	9	2	1	0	0	12
11:45	0	0	1	0	0	0	0	1	1	0	1	74	8	2	0	1	86	87.4	0	0	9	3	0	0	0	12
H/TOT	0	0	4	0	0	0	0	4	4	1	2	273	29	6	1	4	316	322.3	0	0	33	7	1	0	0	41
12:00	0	0	0	0	0	0	0	0	0	0	0	80	6	1	0	1	88	89.5	0	0	10	0	0	0	0	10
12:15	0	0	1	0	0	0	0	1	1	0	0	75	6	1	0	1	83	84.5	0	0	9	0	0	0	0	9
12:30	0	0	1	0	0	0	0	1	1	1	0	85	8	0	0	1	95	95.2	0	0	13	0	0	0	0	13
12:45	0	0	2	0	0	0	0	2	2	0	0	80	6	1	0	0	87	87.5	0	0	15	2	1	0	0	18
H/TOT	0	0	4	0	0	0	0	4	4	1	0	320	26	3	0	3	353	356.7	0	0	47	2	1	0	0	50
13:00	0	0	0	0	0	0	0	0	0	3	0	83	6	0	1	2	95	95.9	0	0	22	0	0	0	0	22
13:15	0	0	2	0	0	0	0	2	2	0	0	87	3	0	0	0	90	90	0	0	19	0	1	0	0	20
13:30	0	0	0	0	0	0	0	0	0	1	0	86	4	4	0	2	97	100.2	0	0	13	1	0	0	0	14
13:45	0	0	0	0	0	0	0	0	0	0	0	84	9	3	1	0	97	99.8	0	0	11	0	0	0	0	11
H/TOT	0	0	2	0	0	0	0	2	2	4	0	340	22	7	2	4	379	385.9	0	0	65	1	1	0	0	67
14:00	0	0	0	0	0	0	0	0	0	1	0	64	5	0	0	2	72	73.2	0	0	17	1	0	0	0	18
14:15	0	0	1	0	0	0	0	1	1	0	0	76	6	0	0	2	84	86	0	0	18	0	0	0	0	18
14:30	0	0	1	0	0	0	0	1	1	1	0	109	11	4	0	2	127	130.2	0	0	17	1	0	0	0	18
14:45	0	0	1	0	0	0	0	1	1	0	0	70	7	0	0	1	78	79	0	0	13	1	0	0	0	14
H/TOT	0	0	3	0	0	0	0	3	3	2	0	319	29	4	0	7	361	368.4	0	0	65	3	0	0	0	68
15:00	0	0	1	0	0	0	0	1	1	0	0	91	6	1	0	2	100	102.5	0	0	11	0	0	0	0	11
15:15	0	0	2	0	0	0	0	2	2	0	0	80	3	2	0	1	86	88	0	0	9	1	0	0	0	10
15:30	0	0	0	0	0	0	0	0	0	1	0	94	5	0	0	2	102	103.2	0	0	8	1	0	0	0	9
15:45	0	0	0	0	0	0	0	0	0	2	0	86	2	0	0	4	94	96.4	0	0	9	0	0	0	0	9
H/TOT	0	0	3	0	0	0	0	3	3	3	0	351	16	3	0	9	382	390.1	0	0	37	2	0	0	0	39
16:00	0	0	0	0	0	0	0	0	0	1	1	88	7	0	0	0	97	95.6	0	0	7	0	0	0	0	7
16:15	0	0	0	0	0	0	0	0	0	0	0	84	5	1	0	3	93	96.5	0	0	10	0	0	0	0	10
16:30	0	0	0	0	0	0	0	0	0	0	0	98	2	0	0	3	103	106	0	0	13	0	0	0	0	13
16:45	0	0	1	0	0	0	0	1	1	0	0	101	6	0	0	1	108	109	0	0	18	1	0	0	0	19
H/TOT	0	0	1	0	0	0	0	1	1	1	1	371	20	1	0	7	401	407.1	0	0	48	1	0	0	0	49
17:00	0	0	0	0	0	0	0	0	0	0	0	99	4	0	0	1	104	105	0	0	12	1	0	0	0	13
17:15	0	0	0	0	0	0	0	0	0	0	0	91	4	0	0	1	96	97	0	0	11	2	0	0	0	13
17:30	0	0	0	0	0	0	0	0	0	2	0	94	8	0	0	2	106	106.4	0	0	16	0	0	0	0	16
17:45	0	0	0	0	0	0	0	0	0	1	0	133	4	0	0	0	138	137.2	0	0	12	1	0	0	0	13
H/TOT	0	0	0	0	0	0	0	0	0	3	0	417	20	0	0	4	444	445.6	0	0	51	4	0	0	0	55
18:00	0	0	0	0	0	0	0	0	0	1	0	109	3	0	0	2	115	116.2	0	0	15	0	0	0	0	15
18:15	0	0	1	0	0	0	0	1	1	0	0	88	3	0	0	0	91	91	1	0	11	1	0	0	0	13
18:30	0	0	0	0	0	0	0	0	0	1	0	96	4	0	0	2	103	104.2	0	0	6	0	0	0	0	6
18:45	0	0	2	0	0	0	0	2	2	0	0	101	4	1	0	0	106	106.5	0	0	9	0	0	0	0	9
H/TOT	0	0	3	0	0	0	0	3	3	2	0	394	14	1	0	4	415	417.9	1	0	41	1	0	0	0	43
12 TOT	0	0	26	1	0	1	0	28	29.3	26	5	3766	299	61	6	72	4235	4321.5	3	0	588	37	6	0	1	635

	B => A									B => B									B => C								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
5	1	0	28	5	2	0	4	40	44.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	1	65	6	2	0	2	77	78.6	0	0	1	0	0	0	0	1	1	0	0	2	0	0	0	0	2	2
13	0	1	74	2	1	0	2	80	81.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	2	0	55	2	2	0	3	64	66.4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
31	4	2	222	15	7	0	11	261	271.1	0	0	1	0	0	0	0	1	1	0	0	3	0	0	0	0	3	3
12	0	0	82	7	2	1	2	94	98.3	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	5	5.5
14	3	0	93	4	1	0	0	101	99.1	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4
23	0	0	85	1	1	0	5	92	97.5	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8
45.5	6	0	81	6	0	1	0	94	90.5	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8
94.5	9	0	341	18	4	2	7	381	385.4	0	0	0	0	0	0	0	0	0	0	0	23	1	1	0	0	25	25.5
17.2	2	0	77	4	2	0	1	86	86.4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
15	0	0	71	5	1	0	1	78	79.5	0	0	1	0	0	0	0	1	1	0	0	2	1	0	0	0	3	3
7.2	0	0	72	1	1	0	1	75	76.5	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	3	3.5
11.5	1	0	73	1	1	0	1	77	77.7	0	0	1	0	0	0	0	1	1	0	0	4	0	0	0	0	4	4
50.9	3	0	293	11	5	0	4	316	320.1	0	0	2	0	0	0	0	2	2	0	0	11	1	1	0	0	13	13.5
13.5	1	0	83	6	0	0	1	91	91.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	79	11	2	0	2	94	97	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
14	2	0	66	7	2	0	0	77	76.4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
11	0	0	64	7	0	0	2	73	75	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3
47.5	3	0	292	31	4	0	5	335	339.6	0	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0	9	9
11	1	0	65	7	4	0	0	77	78.2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
6	1	0	59	6	1	0	2	69	70.7	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5
12.5	0	0	71	8	2	0	0	81	82	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	7	7
12	1	0	65	4	1	0	2	73	74.7	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
41.5	3	0	260	25	8	0	4	300	305.6	0	0	0	0	0	0	0	0	0	0	0	15	1	0	0	0	16	16
10	2	0	66	16	2	1	0	87	87.7	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
9	0	0	62	3	1	0	1	67	68.5	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
13	0	0	67	11	1	1	1	81	83.8	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
18.5	0	0	74	10	0	0	2	86	88	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
50.5	2	0	269	40	4	2	4	321	328	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13	13
22	1	0	83	6	4	0	1	95	97.2	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4
20.5	0	0	66	10	2	0	1	79	81	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
14	0	0	60	4	1	0	1	66	67.5	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
11	1	0	71	7	3	0	1	83	84.7	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
67.5	2	0	280	27	10	0	4	323	330.4	0	0	0	0	0	0	0	0	0	0	0	13	1	0	0	0	14	14
18	1	0	75	7	1	0	1	85	85.7	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	7	7
18	1	0	56	10	0	0	1	68	68.2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
18	1	0	67	4	2	1	2	77	80.5	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6
14	0	0	62	15	5	0	0	82	84.5	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
68	3	0	260	36	8	1	4	312	318.9	0	0	0	0	0	0	0	0	0	0	0	18	1	0	0	0	19	19
11	0	0	66	8	3	2	1	80	85.1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
10	0	0	77	5	1	0	1	84	85.5	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
9	1	0	80	5	0	1	2	89	91.5	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9
9	0	0	82	7	2	0	1	92	94	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9
39	1	0	305	25	6	3	5	345	356.1	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	25	25
7	0	0	87	5	2	0	4	98	103	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5
10	1	1	69	15	1	0	5	92	96.1	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7
13	2	0	83	4	0	0	2	91	91.4	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
19	0	0	80	7	0	1	1	89	91.3	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3
49	3	1	319	31	3	1	12	370	381.8	0	0	0	0	0	0	0	0	0	0	0	17	1	0	0	0	18	18
13	0	0	78	4	2	0	3	87	91	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
13	0	0	66	4	0	0	0	70	70	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
16	0	0	70	4	1	0	2	77	79.5	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
13	0	0	59	4	0	0	1	64	65	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7
55	0	0	273	16	3	0	6	298	305.5	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	14	14
15	0	0	78	2	0	0	3	83	86	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
12.2	2	0	53	3	1	0	2	61	61.9	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5
6	1	0	76	2	0	0	2	81	82.2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
9	0	0	70	1	0	0	0	71	71	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8
42.2	3	0	277	8	1	0	7	296	301.1	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	19	19
636.6	36	3	3391	283	63	9	73	3858	3943.6	0	0	3	0	0	0	0	3	3	0	0	179	7	2	0	0	188	189

C => A									C => B									C => C								
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	2	0	0	0	0	2	2	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	6	1	1	0	0	8	8.5	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	19	1	1	0	0	21	21.5	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	10	10	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	8	0	0	0	0	8	8	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
1	0	16	1	0	1	0	19	19.5	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	12	1	0	0	0	13	13	0	0	10	1	0	0	0	11	11	0	0	0	0	0	0	0	0	0
1	0	46	2	0	1	0	50	50.5	0	0	21	1	0	0	0	22	22	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	6	6	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0
0	0	10	1	0	0	0	11	11	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	4	1	0	0	0	5	5	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	24	2	0	0	0	26	26	0	0	29	0	0	0	0	29	29	0	0	0	0	0	0	0	0	0
0	0	6	1	0	0	0	7	7	0	0	6	2	1	0	0	9	9.5	0	0	0	0	0	0	0	0	0
0	0	11	0	1	0	0	12	12.5	0	0	3	2	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	1	7	3	0	0	0	11	10.4	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	10	1	0	0	0	11	11	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	1	34	5	1	0	0	41	40.9	0	0	20	4	1	0	0	25	25.5	0	0	0	0	0	0	0	0	0
0	0	8	1	0	0	0	9	9	0	0	4	1	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	6	1	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	7	0	1	0	0	8	8.5	0	0	7	1	0	0	0	8	8	0	0	0	0	0	0	0	0	0
0	0	12	0	0	0	0	12	12	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0
0	0	34	1	1	0	0	36	36.5	0	0	28	3	0	0	0	31	31	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	3	1	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	0	0	7	1	1	0	0	9	9.5	0	0	0	0	0	0	0	0	0
0	0	5	1	0	0	0	6	6	0	0	5	0	1	0	0	6	6.5	0	0	0	0	0	0	0	0	0
0	0	13	0	0	0	0	13	13	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	25	1	0	0	0	26	26	0	0	19	2	2	0	0	23	24	0	0	0	0	0	0	0	0	0
0	0	10	1	0	0	0	11	11	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	4	1	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	10	1	2	0	0	13	14	1	0	18	1	0	0	0	20	19.2	0	0	0	0	0	0	0	0	0
0	0	9	0	0	0	0	9	9	0	0	10	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0
0	0	36	2	2	0	0	40	41	1	0	36	2	0	0	0	39	38.2	0	0	0	0	0	0	0	0	0
1	0	14	1	0	0	0	16	15.2	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	10	10	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	1	14	0	1	0	0	16	15.9	0	0	31	0	0	0	0	31	31	0	0	0	0	0	0	0	0	0
0	0	11	1	0	0	0	12	12	1	0	21	0	0	0	0	22	21.2	0	0	0	0	0	0	0	0	0
1	1	49	2	1	0	0	54	53.1	1	0	62	0	0	0	0	63	62.2	0	0	0	0	0	0	0	0	0
0	0	6	2	0	0	0	8	8	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0
0	0	4	2	0	0	0	6	6	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0
0	0	6	1	0	0	0	7	7	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0
0	0	8	1	0	0	0	9	9	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0
0	0	24	6	0	0	0	30	30	0	0	40	0	0	0	0	40	40	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	6	6	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0
0	0	10	6	0	0	0	16	16	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0
0	0	8	2	0	0	0	10	10	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0
0	0	31	8	0	0	0	39	39	0	0	43	0	0	0	0	43	43	0	0	0	0	0	0	0	0	0
0	0	8	0	0	0	0	8	8	0	0	16	1	1	0	0	18	18.5	0	0	0	0	0	0	0	0	0
0	0	9	1	0	0	0	10	10	0	0	10	1	0	0	0	11	11	0	0	0	0	0	0	0	0	0
0	0	15	0	0	0	0	15	15	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0
0	0	13	1	0	0	0	14	14	0	0	21	0	0	0	0	21	21	0	0	0	0	0	0	0	0	0
0	0	45	2	0	0	0	47	47	0	0	58	2	1	0	0	61	61.5	0	0	0	0	0	0	0	0	0
0	0	15	0	0	0	0	15	15	0	0	20	0	0	0	0	20	20	0	0	0	0	0	0	0	0	0
0	0	5	1	0	0	0	6	6	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0
0	0	5	2	0	0	0	7	7	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0
0	0	10	0	0	0	0	10	10	0	0	13	0	0	0	0	13	13	0	0	0	0	0	0	0	0	0
0	0	35	3	0	0	0	38	38	0	0	53	0	0	0	0	53	53	0	0	0	0	0	0	0	0	0
2	2	402	35	6	1	0	448	449.5	2	0	417	14	4	0	0	437	437.4	0	0	0	0	0	0	0	0	0

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 10
Location: The Rise/Grove Rd
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	**P/C**	**M/C**	**CAR**	**LGV**	**OGV1**	**OGV2**	**PSV**	**TOT**	**PCU**	**P/C**	**M/C**	**CAR**	**LGV**	**OGV1**	**OGV2**	**PSV**	**TOT**	**PCU**	**P/C**	**M/C**	**CAR**	**LGV**	**OGV1**	**OGV2**	**PSV**	**TOT**
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
07:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	7	0	0	0	0	7
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8
07:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	7	0	0	0	0	7
H/TOT	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	23	0	0	0	0	23
08:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	12	0	0	0	0	12
08:15	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0	23	1	0	0	0	24
08:30	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	4	5.3	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	8	0	0	1	0	9	10.3	1	0	35	1	0	0	0	37
09:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	3	0	0	0	0	3
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	6
H/TOT	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	12	2	0	0	0	14
10:00	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	6	0	0	0	0	6
10:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	11	1	0	0	0	12
10:30	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3	0	0	7	0	0	0	0	7
10:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	14	0	0	0	0	14
H/TOT	0	0	1	0	0	0	0	1	1	0	0	6	1	0	0	0	7	7	0	0	38	1	0	0	0	39
11:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	9	0	0	0	0	9
11:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	3	0	0	0	0	3
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4
11:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	7	0	0	0	0	7
H/TOT	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4	0	0	22	1	0	0	0	23
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
12:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	8	0	0	0	0	8
12:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	3	0	0	0	0	3
H/TOT	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	22	0	0	0	0	22
13:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4	0	0	1	0	0	0	0	1
14:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	4	3.9	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	3	0	1	0	0	4
H/TOT	0	0	0	0	0	0	0	0	0	0	1	8	0	1	0	0	10	9.9	0	0	3	0	1	0	0	4
15:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	9	0	0	0	0	9
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1	0	0	0	10
15:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	22	0	0	0	0	23
15:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	17	0	0	0	0	17
H/TOT	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5	0	1	57	1	0	0	0	59
16:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	11	0	0	0	0	11
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	2	1	0	0	19
16:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	26	3	0	0	0	29
16:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	25	1	0	0	0	26
H/TOT	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0	78	6	1	0	0	85
17:00	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4	0	0	22	0	0	0	0	22
17:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	12	0	0	0	0	12
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	0	0	23
17:45	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0	17	0	0	0	0	17
H/TOT	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8	0	0	74	0	0	0	0	74
18:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	28	0	0	0	0	28
18:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	11	0	0	0	0	11
18:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	15	0	0	0	0	15
18:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	13	1	0	0	0	14
H/TOT	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5	0	0	67	1	0	0	0	68
12 TOT	0	0	1	0	0	0	0	1	1	0	1	56	2	1	1	0	61	62.2	1	1	432	13	2	0	0	449

	B => A									B => B									B => C								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
23	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	20	20
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12
24	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	19	0	1	0	0	20	20.5
0	0	0	43	0	0	0	0	43	43	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0.4
0.2	0	0	75	0	0	0	1	76	77	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
36.2	0	0	119	0	0	0	1	120	121	0	0	0	0	0	0	0	0	0	2	0	34	0	1	0	0	37	35.9
0	0	0	15	0	0	0	0	15	15	0	0	3	0	0	0	0	3	3	0	0	1	0	0	0	0	1	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	2	0	0	0	14	14
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	1	1	0	0	10	10.5
6	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	8	0	1	0	0	9	9.5
14	0	0	16	0	0	0	0	16	16	0	0	3	0	0	0	0	3	3	0	0	29	3	2	0	0	34	35
6	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	7	0	2	0	0	9	10
12	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9
7	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	7	7
14	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10
39	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	32	1	2	0	0	35	36
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	10	3	0	0	0	14	13.2
3	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	1	0	0	0	13	13
7	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	10	3	0	0	0	13	13
23	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	42	7	0	0	0	50	49.2
6	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7
5	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	15	2	0	0	0	17	17
8	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12
3	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0	9	9
22	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	42	3	0	0	0	45	45
0	0	0	2	2	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2
0	0	0	20	0	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	38	2	0	0	0	40	40	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.2
0	0	0	9	1	0	0	0	10	10	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
0	0	0	10	1	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	30	2	0	0	0	32	32	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3	2.2
4.5	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7
4.5	0	0	51	4	0	0	0	55	55	0	0	0	0	0	0	0	0	0	1	0	10	0	0	0	0	11	10.2
9	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9
10	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12
22.4	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	23	1	0	0	0	25	24.2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	1	0	0	0	28	28
58.4	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0	1	0	71	2	0	0	0	74	73.2
11	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	14	14
19.5	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	14	14
29	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0	12	12
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	2	0	0	0	16	16
85.5	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	53	3	0	0	0	56	56
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	19	19
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	2	0	0	0	18	18
23	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13	13
17	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	17	1	0	0	0	18	18
74	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	65	3	0	0	0	68	68
28	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	16	0	0	0	0	16	16
11	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13	13
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6
14	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	9	0	0	0	0	9	9
68	0	0	2	0	0	0	0	2	2	0	0	2	0	0	0	0	2	2	0	0	44	0	0	0	0	44	44
448.6	0	0	258	6	0	0	1	265	266	0	0	5	0	0	0	0	5	5	6	0	442	22	5	0	0	475	472.7

C => A									C => B									C => C								
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	1	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	2	2	0	0	3	0	0	0	0	3	3	0	0	0	0	1	0	0	1	1.5
0	0	4	0	0	0	0	4	4	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	8	0	0	0	0	8	8	0	0	11	0	0	0	0	11	11	0	0	0	0	1	0	0	1	1.5
0	0	2	0	0	0	0	2	2	0	0	6	1	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	5	0	0	1	0	6	7.3	0	0	4	0	0	0	0	4	4	0	0	1	0	0	0	0	1	1
0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	13	0	0	1	0	14	15.3	0	0	10	1	0	0	0	11	11	0	0	1	0	0	0	0	1	1
0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	0	0	9	0	1	0	0	10	10.5	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	9	0	1	0	0	10	10.5	0	0	0	0	0	0	0	0	0
0	0	13	0	0	0	0	13	13	0	0	30	0	2	0	0	32	33	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	8	1	0	0	0	9	9	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	6	2	0	0	0	8	8	0	0	1	0	0	0	0	1	1
0	0	3	1	0	0	0	4	4	0	0	9	1	0	0	0	10	10	0	0	2	0	0	0	0	2	2
0	0	3	0	0	0	0	3	3	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0
0	0	17	1	0	0	0	18	18	0	0	32	4	0	0	0	36	36	0	0	3	0	0	0	0	3	3
0	0	1	0	0	0	0	1	1	0	0	3	1	1	0	0	5	5.5	0	0	0	0	0	0	0	0	0
0	0	4	0	0	0	0	4	4	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	5	5	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	5	5	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0
0	0	15	0	0	0	0	15	15	0	0	23	1	1	0	0	25	25.5	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	5	5	0	0	1	0	0	0	0	1	1
0	0	0	1	0	0	0	1	1	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	4	1	0	0	0	5	5	0	0	11	0	1	0	0	12	12.5	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	2	2	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	6	2	0	0	0	8	8	0	0	26	1	1	0	0	28	28.5	0	0	1	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	2	0	0	0	0	2	2	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	1	0	0	0	0	0	0	1	0.2	0	0	0	0	0	0	0	0	0
0	0	3	0	0	0	0	3	3	0	0	13	0	0	0	0	13	13	0	0	2	0	0	0	1	3	4
0	0	6	0	0	0	0	6	6	1	0	13	0	0	0	0	14	13.2	0	0	2	0	0	0	1	3	4
0	1	5	0	0	0	0	6	5.4	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	6	6	0	0	16	0	0	0	0	16	16	0	0	2	0	0	0	0	2	2
0	0	6	0	0	0	0	6	6	0	0	13	0	0	0	0	13	13	0	0	2	0	0	0	0	2	2
0	0	5	0	0	0	0	5	5	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	1	22	0	0	0	0	23	22.4	0	0	41	0	0	0	0	41	41	0	0	4	0	0	0	0	4	4
0	0	4	0	0	0	0	4	4	0	0	17	0	0	0	0	17	17	0	0	0	0	0	0	0	0	0
0	0	7	1	1	0	0	9	9.5	0	0	16	0	0	0	0	16	16	0	0	0	0	0	0	0	0	0
0	0	6	0	0	0	0	6	6	0	0	11	2	0	0	0	13	13	0	0	0	0	0	0	0	0	0
0	0	9	0	0	0	0	9	9	0	0	11	1	0	0	0	12	12	0	0	1	0	0	0	0	1	1
0	0	26	1	1	0	0	28	28.5	0	0	55	3	0	0	0	58	58	0	0	1	0	0	0	0	1	1
0	0	15	0	0	0	0	15	15	0	0	12	1	1	0	0	14	14.5	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	13	0	0	0	0	13	13	0	0	0	0	0	0	0	0	0
0	0	5	0	0	0	0	5	5	0	0	10	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0
0	0	15	0	0	0	0	15	15	0	0	20	0	0	0	0	20	20	0	0	0	0	0	0	0	0	0
0	0	42	0	0	0	0	42	42	0	0	55	1	1	0	0	57	57.5	0	0	0	0	0	0	0	0	0
0	0	11	0	0	0	0	11	11	0	1	20	0	0	0	0	21	20.4	0	0	1	0	0	0	0	1	1
0	0	11	0	0	0	0	11	11	0	0	17	0	0	0	0	17	17	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	7	7	0	0	10	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0
0	0	8	0	0	0	0	8	8	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0
0	0	37	0	0	0	0	37	37	0	1	62	0	0	0	0	63	62.4	0	0	1	0	0	0	0	1	1
0	1	207	4	1	1	0	214	215.2	2	1	358	11	5	0	0	377	377.3	0	0	13	0	1	0	1	15	16.5

IDASO

Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 11
Location: Church Rd/Grove Rd
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	1	2	0	0	15
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	1	19
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1.5	1	0	18	3	0	0	0	22
07:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	20	0	0	0	3	23
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2.5	1	0	68	4	2	0	4	79
08:00	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5	0	0	42	3	0	0	0	45
08:15	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0	84	4	0	0	2	90
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	92	2	0	0	0	95
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	3	0	0	1	75
H/TOT	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8	1	0	289	12	0	0	3	305
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	67	3	2	0	1	75
09:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	30	4	1	0	1	36
09:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	21	3	0	0	0	24
09:45	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2.5	0	0	20	1	2	0	1	24
H/TOT	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	4	4.5	2	0	138	11	5	0	3	159
10:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	21	6	1	0	1	29
10:15	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3	0	0	26	2	0	0	0	28
10:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	21	4	0	0	1	26
10:45	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0	16	3	1	0	0	20
H/TOT	0	0	0	0	0	0	0	0	0	0	0	9	1	0	0	0	10	10	0	0	84	15	2	0	2	103
11:00	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2.5	0	0	20	5	0	0	1	26
11:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	18	4	1	0	0	23
11:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	24	6	1	0	0	32
11:45	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0	35	2	1	0	1	39
H/TOT	0	0	0	0	0	0	0	0	0	0	0	6	0	1	0	0	7	7.5	1	0	97	17	3	0	2	120
12:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	22	1	0	0	0	23
12:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	22	2	1	0	1	26
12:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	1	0	28	1	0	1	0	31
12:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	29	4	0	0	1	34
H/TOT	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6	1	0	101	8	1	1	2	114
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	4	0	0	0	41
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	3	1	0	1	32
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	4	1	0	0	39
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	45	1	0	0	1	48
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	143	12	2	0	2	160
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	41	3	0	0	0	45
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	29	1	0	0	1	32
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	2	0	0	0	50
14:45	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	1	34	2	2	0	2	41
H/TOT	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	2	1	152	8	2	0	3	168
15:00	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	21
15:15	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3	0	0	34	3	0	0	1	38
15:30	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4	0	0	59	1	1	0	0	61
15:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	62	5	0	0	1	68
H/TOT	0	0	1	0	0	0	0	1	1	0	0	9	0	0	0	0	9	9	0	0	176	9	1	0	2	188
16:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	32	1	0	0	0	33
16:15	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4	1	0	21	4	0	0	2	28
16:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	17	3	0	0	0	20
16:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	34	3	1	0	1	39
H/TOT	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7	1	0	104	11	1	0	3	120
17:00	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0	7	7	0	0	30	2	1	0	1	34
17:15	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6	0	0	32	2	0	0	1	35
17:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	33	1	0	0	0	34
17:45	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8	0	0	45	1	0	0	3	49
H/TOT	0	0	0	0	0	0	0	0	0	0	0	21	1	0	0	0	22	22	0	0	140	6	1	0	5	152
18:00	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10	0	0	38	0	0	0	2	40
18:15	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5	0	0	33	1	0	0	2	36
18:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	1	0	34	2	0	0	1	38
18:45	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5	0	0	30	0	0	0	1	31
H/TOT	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	22	22	1	0	135	3	0	0	6	145
12 TOT	0	0	1	0	0	0	0	1	1	0	0	94	3	3	0	0	100	101.5	11	1	1627	116	20	1	37	1813

	B => A									B => B									B => C								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
16	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
20	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11
21.2	0	0	3	0	1	0	0	4	4.5	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7
83.2	0	0	6	0	1	0	0	7	7.5	0	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	33	33
45	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	13	13
92	0	0	4	0	1	0	0	5	5.5	0	0	0	0	0	0	0	0	0	0	0	27	1	0	0	0	28	28
94.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0.4
307.2	0	0	6	0	1	0	0	7	7.5	0	0	0	0	0	0	0	0	0	2	0	40	1	0	0	0	43	41.4
75.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37.5	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	18	1	0	0	0	19	19
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	1	1	0	0	15	15.5
26	0	0	2	0	1	0	0	3	3.5	0	0	0	0	0	0	0	0	0	0	0	10	3	0	0	0	13	13
162.9	0	0	2	1	1	0	0	4	4.5	0	0	0	0	0	0	0	0	0	0	0	41	5	1	0	0	47	47.5
30.5	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	9	0	2	0	0	11	12
28	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	16	1	0	0	0	17	17
27	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	14	1	0	0	0	15	15
20.5	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	18	18
106	0	0	14	0	0	0	0	14	14	0	0	0	0	0	0	0	0	0	0	0	57	2	2	0	0	61	62
27	0	0	4	1	0	0	0	5	5	0	0	0	0	0	0	0	0	0	1	0	16	2	0	0	0	19	18.2
23.5	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	10	10
31.7	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	12	3	0	0	0	15	15
40.5	0	0	2	1	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	18	4	0	0	0	22	22
122.7	0	0	10	2	0	0	0	12	12	0	0	0	0	0	0	0	0	0	1	0	56	9	0	0	0	66	65.2
23	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	12	12
27.5	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	18	1	0	0	0	19	19
31.5	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	0	18	18
35	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0	9	9
117	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	56	2	0	0	0	58	58
41	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
33.5	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162.2	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
44.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43.4	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	1	18	19
169.8	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	1	18	19
21	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	17	0	1	0	0	18	18.5
39	1	0	3	0	0	0	0	4	3.2	0	0	0	0	0	0	0	0	0	0	0	27	1	0	0	0	28	28
61.5	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	1	45	1	0	0	0	48	46.6
69	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	45	1	0	0	0	46	46
190.5	1	0	18	0	0	0	0	19	18.2	0	0	0	0	0	0	0	0	0	1	1	134	3	1	0	0	140	139.1
33	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	25	25
29.2	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	28	2	1	0	0	31	31.5
20	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	40	4	0	0	0	44	44
40.5	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	37	3	0	0	0	40	40
122.7	0	0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	130	9	1	0	0	140	140.5
35.5	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	36	36
36	0	0	6	1	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	26	1	0	0	0	27	27
34	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	34	34
52	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	31	1	0	0	0	32	32
157.5	0	0	24	1	0	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	127	2	0	0	0	129	129
42	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	50	50
38	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	21	21
38.2	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	21	21
32	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	22	22
150.2	0	0	20	0	0	0	0	20	20	0	0	0	0	0	0	0	0	0	0	0	114	0	0	0	0	114	114
1851.9	1	0	138	4	3	0	0	146	146.7	0	0	0	0	0	0	0	0	0	4	1	806	33	5	0	1	850	849.7

C => A									C => B									C => C								
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	13	0	2	0	1	16	18	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	24	1	0	0	2	27	29	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
1	0	20	1	0	0	3	25	27.2	0	0	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
0	0	33	1	0	0	2	36	38	0	0	10	0	0	1	0	11	12.3	0	0	0	0	0	0	0	0	0
1	0	90	3	2	0	8	104	112.2	0	0	22	0	0	1	0	23	24.3	0	0	0	0	0	0	0	0	0
0	0	42	3	0	0	2	47	49	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0
0	0	87	1	0	0	1	89	90	0	0	18	0	0	0	0	18	18	0	0	0	0	0	0	0	0	0
1	0	86	5	0	0	1	93	93.2	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
1	0	101	4	0	0	1	107	107.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	316	13	0	0	5	336	339.4	0	0	34	0	0	0	0	34	34	0	0	0	0	0	0	0	0	0
1	0	89	1	0	0	0	91	90.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	44	6	2	0	2	54	57	0	0	10	1	1	0	0	12	12.5	0	0	0	0	0	0	0	0	0
1	0	27	3	0	0	0	31	30.2	0	0	15	1	0	0	0	16	16	0	0	0	0	0	0	0	0	0
0	0	43	1	1	0	1	46	47.5	0	0	12	3	0	0	0	15	15	0	0	0	0	0	0	0	0	0
2	0	203	11	3	0	3	222	224.9	0	0	37	5	1	0	0	43	43.5	0	0	0	0	0	0	0	0	0
1	0	44	6	0	0	0	51	50.2	0	0	11	1	0	0	0	12	12	0	0	0	0	0	0	0	0	0
0	0	44	6	2	0	1	53	55	0	0	14	2	0	0	0	16	16	0	0	0	0	0	0	0	0	0
0	0	34	2	1	0	0	37	37.5	0	0	11	1	0	0	0	12	12	0	0	0	0	0	0	0	0	0
0	0	34	3	0	0	1	38	39	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0
1	0	156	17	3	0	2	179	181.7	0	0	45	4	0	0	0	49	49	0	0	0	0	0	0	0	0	0
0	0	34	3	0	0	0	37	37	0	0	6	1	0	0	0	7	7	0	0	0	0	0	0	0	0	0
0	0	46	7	0	0	1	54	55	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0
0	0	35	8	1	0	0	44	44.5	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0
1	0	35	2	0	0	1	39	39.2	0	0	10	0	0	0	0	10	10	0	0	0	0	0	0	0	0	0
1	0	150	20	1	0	2	174	175.7	0	0	36	1	0	0	0	37	37	0	0	0	0	0	0	0	0	0
0	0	29	3	0	0	0	32	32	0	0	3	1	0	0	0	4	4	0	0	0	0	0	0	0	0	0
2	0	35	3	0	1	1	42	42.7	0	0	4	0	1	0	0	5	5.5	0	0	0	0	0	0	0	0	0
0	1	29	4	2	0	0	36	36.4	0	0	11	1	0	0	0	12	12	0	0	0	0	0	0	0	0	0
0	0	33	2	0	0	1	36	37	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0
2	1	126	12	2	1	2	146	148.1	0	0	26	2	1	0	0	29	29.5	0	0	0	0	0	0	0	0	0
1	0	62	7	0	0	0	70	69.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	55	3	3	1	1	63	66.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	47	2	0	0	0	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	45	2	0	0	1	49	49.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	209	14	3	1	2	231	234.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	59	1	1	0	0	61	61.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	56	9	1	1	2	69	72.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	51	2	0	0	0	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	51	1	1	0	1	54	55.5	0	0	12	0	0	0	1	13	14	0	0	0	0	0	0	0	0	0
0	0	217	13	3	1	3	237	242.8	0	0	12	0	0	0	1	13	14	0	0	0	0	0	0	0	0	0
0	0	42	0	0	0	0	42	42	0	1	12	0	0	0	0	13	12.4	0	0	0	0	0	0	0	0	0
0	0	42	2	1	0	1	46	47.5	0	0	25	0	0	0	0	25	25	0	0	0	0	0	0	0	0	0
1	0	36	2	0	0	0	39	38.2	0	0	16	0	0	0	0	16	16	0	0	0	0	0	0	0	0	0
3	0	60	2	0	0	1	66	64.6	0	0	14	0	0	0	0	14	14	0	0	0	0	0	0	0	0	0
4	0	180	6	1	0	2	193	192.3	0	1	67	0	0	0	0	68	67.4	0	0	0	0	0	0	0	0	0
2	0	80	8	1	0	0	91	89.9	0	0	22	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0
1	0	69	1	0	0	1	72	72.2	0	0	24	1	1	0	0	26	26.5	0	0	0	0	0	0	0	0	0
0	0	49	8	0	0	1	58	59	0	0	15	2	0	0	0	17	17	0	0	0	0	0	0	0	0	0
0	0	39	3	0	0	1	43	44	0	0	27	1	0	0	0	28	28	0	0	0	0	0	0	0	0	0
3	0	237	20	1	0	3	264	265.1	0	0	88	4	1	0	0	93	93.5	0	0	0	0	0	0	0	0	0
0	0	45	5	0	0	1	51	52	0	0	26	0	1	0	0	27	27.5	0	0	0	0	0	0	0	0	0
0	0	57	3	1	0	1	62	63.5	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0
0	0	52	0	0	0	1	53	54	0	0	15	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0
1	0	52	1	0	0	1	55	55.2	0	0	41	0	0	0	0	41	41	0	0	1	0	0	0	0	1	1
1	0	206	9	1	0	4	221	224.7	0	0	93	0	1	0	0	94	94.5	0	0	1	0	0	0	0	1	1
2	0	46	4	0	0	0	52	50.4	0	1	24	0	0	0	0	25	24.4	0	0	0	0	0	0	0	0	0
2	0	47	3	0	0	1	53	52.4	0	0	27	0	0	0	0	27	27	0	0	0	0	0	0	0	0	0
0	0	45	1	1	0	1	48	49.5	0	0	19	0	0	0	0	19	19	0	0	0	0	0	0	0	0	0
1	0	44	0	1	0	0	46	45.7	0	0	29	0	0	0	0	29	29	0	0	0	0	0	0	0	0	0
5	0	182	8	2	0	2	199	198	0	1	99	0	0	0	0	100	99.4	0	0	0	0	0	0	0	0	0
24	1	2272	146	22	3	38	2506	2539.1	0	2	559	16	4	1	1	583	586.1	0	0	1	0	0	0	0	1	1

IDASO

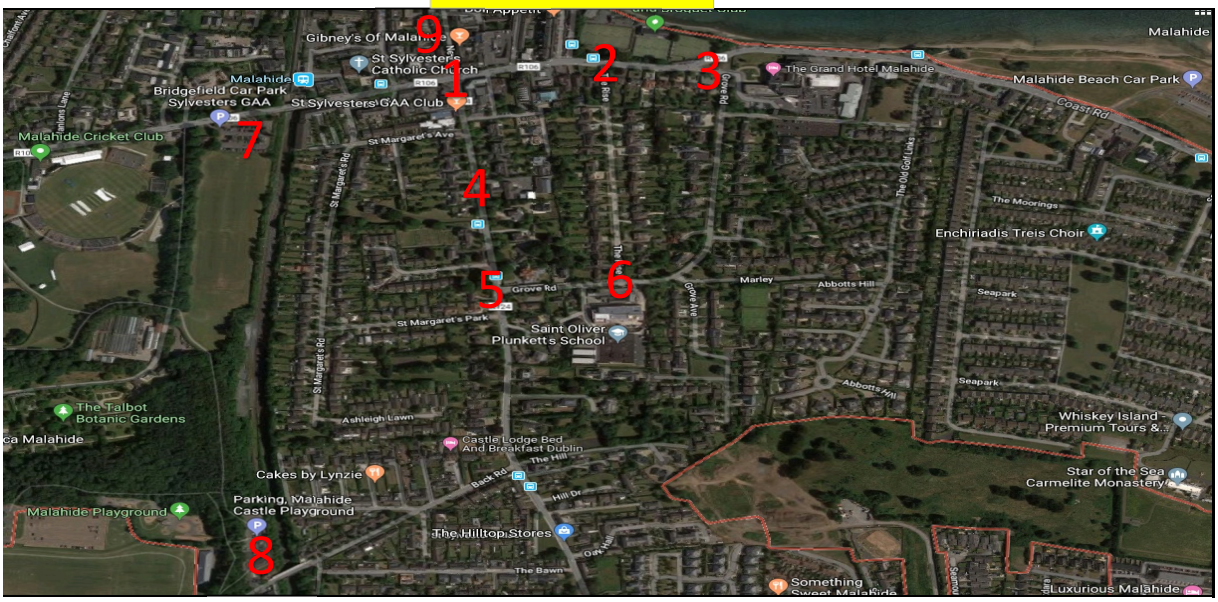
Survey Name: 003 (23) 22718 MALAHIDE TRAFFIC SURVEY V2
Site: Site 12
Location: Church Rd/St Andrews N.S
Date: Tue 10-Jan-2023

	A => A									A => B									A => C							
TIME	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1	2	0	0	14
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0	1	19
07:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	20	1	1	0	1	24
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	1	0	0	2	24
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	70	3	3	0	4	81
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	2	1	0	0	53
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	3	0	0	2	91
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	94	2	0	0	0	97
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	3	0	0	1	58
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	284	10	1	0	3	299
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	48	3	2	0	1	56
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	5	1	0	1	30
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	3	0	0	0	24
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	2	3	0	1	28
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	114	13	6	0	3	138
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	7	1	0	1	32
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	3	0	0	0	29
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	4	0	0	1	31
10:45	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	24	3	1	0	0	28
H/TOT	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	99	17	2	0	2	120
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	5	1	0	1	27
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	4	1	0	0	27
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	30	6	1	0	0	38
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	3	1	0	1	42
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	109	18	4	0	2	134
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	1	0	0	0	21
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	2	1	0	1	27
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	30	1	0	1	0	33
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	4	0	0	1	32
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	100	8	1	1	2	113
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	5	0	0	0	43
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	1	1	0	1	32
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	5	1	0	0	40
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	37	2	0	0	1	41
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	138	13	2	0	2	156
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	36	2	1	0	0	40
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	36	1	0	0	1	39
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	46	2	0	0	0	49
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	3	2	0	2	31
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	142	8	3	0	3	159
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	22
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	2	0	0	1	41
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	1	1	0	0	64
15:45	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	62	5	0	0	1	68
H/TOT	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	184	8	1	0	2	195
16:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	33	1	0	0	0	34
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	25	4	0	0	2	32
16:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	15	3	0	0	0	18
16:45	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7	0	0	31	2	1	0	1	35
H/TOT	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9	9	1	0	104	10	1	0	3	119
17:00	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6	0	0	32	2	1	0	1	36
17:15	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	4	3.2	0	0	29	1	0	0	1	31
17:30	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	5	0	0	36	1	0	0	0	37
17:45	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11	0	0	49	0	0	0	3	52
H/TOT	0	0	0	0	0	0	0	0	0	1	0	25	0	0	0	0	26	25.2	0	0	146	4	1	0	5	156
18:00	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4	0	0	44	0	0	0	2	46
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	0	0	0	2	40
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	38	0	0	0	1	40
18:45	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	7	7	0	0	34	0	0	0	2	36
H/TOT	0	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	11	11	1	0	154	0	0	0	7	162
12 TOT	0	0	2	0	0	0	0	2	2	1	0	46	0	0	0	0	47	46.2	11	1	1644	112	25	1	38	1832

	B => A									B => B									B => C								
PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85.7	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
301.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
36.5	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6
121.7	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8
37.5	0	0	9	0	0	0	0	9	9	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
32	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8	8
37	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
55	0	0	11	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6
161.5	0	0	25	0	0	0	0	25	25	0	0	0	0	0	0	0	0	0	0	0	19	0	0	0	0	19	19
48	0	0	5	1	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
40.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168.2	0	0	5	1	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	3
1874.4	0	0	37	1	0	0	0	38	38	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	30	30

C => A									C => B									C => C								
P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU	P/C	M/C	CAR	LGV	OGV1	OGV2	PSV	TOT	PCU
0	0	14	0	2	0	1	17	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	25	1	0	0	2	28	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	25	1	1	0	3	31	33.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	32	1	0	0	2	35	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	96	3	3	0	8	111	119.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	41	4	1	0	2	48	50.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	82	1	1	0	1	85	86.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	73	5	0	0	1	80	80.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	85	3	0	0	1	90	90.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	281	13	2	0	5	303	307.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	80	1	0	0	0	82	81.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	41	8	2	0	2	53	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	30	3	0	0	0	34	33.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	45	1	2	0	1	49	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	196	13	4	0	3	218	221.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	48	6	0	0	0	55	54.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	47	6	2	0	1	56	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	37	2	1	0	0	40	40.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	40	3	0	0	1	44	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	172	17	3	0	2	195	197.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	43	4	0	0	0	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	49	5	0	0	1	55	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	36	7	1	0	0	44	44.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	36	3	0	0	1	40	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	164	19	1	0	2	186	188.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	37	3	0	0	0	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	37	3	0	1	1	44	44.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	34	4	2	0	0	41	41.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	35	1	0	0	1	37	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	143	11	2	1	2	162	164.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	59	7	0	0	0	67	66.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	54	2	3	1	1	61	64.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	44	2	0	0	0	46	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	45	1	0	0	1	48	48.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	202	12	3	1	2	222	225.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	48	2	2	0	0	52	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	55	6	1	1	2	65	68.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	44	4	0	0	0	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	66	2	1	0	1	70	71.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	213	14	4	1	3	235	241.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	49	0	0	0	0	49	49	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
1	0	43	2	1	0	1	48	48.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	36	1	0	0	0	38	37.2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
3	0	68	2	0	0	1	74	72.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	196	5	1	0	2	209	207.5	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1
2	0	93	7	1	0	0	103	101.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	66	4	0	0	1	72	72.2	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	51	7	0	0	1	59	60	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
0	0	36	2	0	0	1	39	40	0	0	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0
3	0	246	20	1	0	3	273	274.1	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0
0	0	52	3	0	0	1	56	57	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
0	0	61	4	1	0	1	67	68.5	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
0	0	49	0	0	0	1	50	51	0	0	3	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
1	0	47	2	0	0	1	51	51.2	0	0	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0
1	0	209	9	1	0	4	224	227.7	0	0	23	0	0	0	0	23	23	0	0	0	0	0	0	0	0	0
2	0	54	4	0	0	0	60	58.4	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
2	0	51	4	0	0	1	58	57.4	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
0	0	43	4	1	0	1	49	50.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	39	0	1	0	0	41	40.7	0	0	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0
5	0	187	12	2	0	2	208	207	0	0	7	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0
24	1	2305	148	27	3	38	2546	2581.6	0	0	43	0	0	0	0	43	43	0	0	1	0	0	0	0	1	1

Sites Overview



Irish Traffic Surveys

Survey Name :	ITS J-372 Malahide
Site:	1 to 9
Date:	12.12.2019
Time:	07:00 - 20:00
Location:	53.4449143,-6.1781695,5326
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C,Peds

Survey Name :	ITS J-372 Malahide
Site:	Site 1
Date:	12.12.2019
Time:	07:00 - 20:00
Location:	53.4507222,-6.153686
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C, Peds

Irish Traffic Surveys

	A => A								A => B								
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR
07:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2
07:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	8
07:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	6
07:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	17
H/TOT	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5	33
08:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	16
08:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	51
08:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	39
08:45	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4	25
H/TOT	0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	11	131
09:00	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	30
09:15	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	16
09:30	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	8
09:45	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	6
H/TOT	0	0	0	0	0	0	0	0	26	1	0	0	0	0	0	27	60
10:00	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6	10
10:15	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10	14
10:30	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	8	8
10:45	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	13
H/TOT	0	0	0	0	0	0	0	0	26	5	0	0	0	0	0	31	45
11:00	0	0	0	0	0	0	0	0	2	2	1	0	0	0	0	5	12
11:15	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6	10
11:30	0	0	0	0	0	0	0	0	8	2	0	0	0	0	0	10	15
11:45	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	11
H/TOT	0	0	0	0	0	0	0	0	20	7	1	0	0	0	0	28	48
12:00	0	0	0	0	0	0	0	0	8	3	0	0	0	0	0	11	22
12:15	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	11
12:30	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6	11
12:45	0	0	0	0	0	0	0	0	8	3	0	0	0	0	0	11	12
H/TOT	0	0	0	0	0	0	0	0	26	9	0	0	0	0	0	35	56
13:00	0	0	0	0	0	0	0	0	5	6	0	0	0	0	0	11	19
13:15	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	8	10
13:30	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	9
13:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	16
H/TOT	0	0	0	0	0	0	0	0	18	8	0	0	0	0	0	26	54
14:00	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	8	6
14:15	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	8	15
14:30	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	9	17
14:45	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	18
H/TOT	0	0	0	0	0	0	0	0	26	5	0	0	0	0	0	31	56
15:00	0	0	0	0	0	0	0	0	8	2	0	0	0	0	0	10	12
15:15	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	18
15:30	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	8	20
15:45	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	8	24
H/TOT	0	0	0	0	0	0	0	0	27	4	0	0	0	0	0	31	74
16:00	0	0	0	0	0	0	0	0	9	2	0	0	0	0	0	11	18
16:15	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	13
16:30	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	9
16:45	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	9	11
H/TOT	0	0	0	0	0	0	0	0	33	3	0	0	0	0	0	36	51
17:00	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	18
17:15	0	0	0	0	0	0	0	0	10	0	1	0	0	0	0	11	16
17:30	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11	14
17:45	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	13	19
H/TOT	0	0	0	0	0	0	0	0	44	0	1	0	0	0	0	45	67
18:00	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9	15
18:15	0	0	0	0	0	0	0	0	11	1	0	0	0	0	0	12	18
18:30	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	16	27
18:45	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7	15
H/TOT	0	0	0	0	0	0	0	0	43	1	0	0	0	0	0	44	75
19:00	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	25
19:15	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	13	15
19:30	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	18
19:45	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	13	16
H/TOT	0	0	0	0	0	0	0	0	42	0	0	0	0	0	0	42	74
13 HR TOT	0	0	0	0	0	0	0	0	345	45	2	0	0	0	0	392	824

A => C							A => D								B => A			
LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2
0	0	0	0	0	0	2	14	0	1	0	0	0	0	15	2	0	0	0
0	0	0	0	0	0	8	8	0	0	0	0	0	0	8	0	0	0	0
0	0	0	0	0	0	6	13	0	0	0	0	0	0	13	5	0	0	0
0	1	0	0	0	0	18	14	0	0	0	0	1	0	15	4	0	0	0
0	1	0	0	0	0	34	49	0	1	0	0	1	0	51	11	0	0	0
2	0	0	0	0	0	18	10	2	0	0	0	0	0	12	3	0	0	0
2	0	0	0	0	1	54	13	1	0	0	0	0	0	14	2	0	0	0
0	1	0	0	0	0	40	22	1	0	0	0	0	0	23	0	0	0	0
0	0	0	0	0	0	25	31	2	0	0	0	0	0	33	5	0	0	0
4	1	0	0	0	1	137	76	6	0	0	0	0	0	82	10	0	0	0
1	0	0	0	0	0	31	26	1	0	0	0	0	0	27	4	0	0	0
1	0	0	0	0	0	17	15	2	0	0	0	0	0	17	3	1	0	0
0	0	0	0	0	0	8	21	2	2	0	0	0	0	25	6	0	0	0
0	0	0	0	0	0	6	20	8	1	0	0	0	0	29	7	4	0	0
2	0	0	0	0	0	62	82	13	3	0	0	0	0	98	20	5	0	0
3	0	0	0	0	0	13	25	5	1	0	0	0	0	31	7	0	0	0
0	0	0	0	0	0	14	18	5	1	0	0	0	0	24	4	0	0	0
2	1	0	0	0	0	11	13	2	0	0	0	0	0	15	11	0	0	0
2	0	0	0	0	0	15	17	2	0	0	0	0	0	19	4	0	0	0
7	1	0	0	0	0	53	73	14	2	0	0	0	0	89	26	0	0	0
1	0	0	0	0	0	13	17	4	0	0	0	0	0	21	7	0	0	0
1	0	0	0	0	0	11	11	5	2	0	0	0	0	18	11	1	0	0
2	0	0	0	0	0	17	11	4	1	0	0	0	0	16	10	0	1	0
0	0	0	0	0	0	11	14	4	1	1	0	0	0	20	7	1	1	0
4	0	0	0	0	0	52	53	17	4	1	0	0	0	75	35	2	2	0
0	0	0	0	0	0	22	18	7	1	0	0	0	0	26	5	0	2	0
1	0	0	0	0	0	12	15	2	1	0	0	0	0	18	12	0	0	0
0	0	0	0	0	0	11	10	3	1	0	0	0	0	14	10	1	0	0
2	0	0	0	0	0	14	28	2	1	0	0	0	0	31	12	0	0	0
3	0	0	0	0	0	59	71	14	4	0	0	0	0	89	39	1	2	0
3	0	0	0	0	0	22	16	4	1	0	0	0	0	21	8	4	0	0
3	0	0	0	0	0	13	13	3	0	0	0	0	0	16	4	1	1	0
1	0	0	0	0	0	10	16	1	0	0	0	0	0	17	9	0	0	0
2	0	0	0	0	0	18	18	1	1	0	0	0	0	20	6	0	0	0
9	0	0	0	0	0	63	63	9	2	0	0	0	0	74	27	5	1	0
2	0	0	0	0	0	8	16	1	0	0	0	0	0	17	5	0	0	0
0	0	0	0	0	0	15	14	1	0	0	0	0	0	15	4	1	0	0
1	0	0	0	0	0	18	18	4	1	0	0	0	0	23	7	2	0	0
1	0	0	0	0	0	19	15	3	0	0	0	0	0	18	8	0	0	0
4	0	0	0	0	0	60	63	9	1	0	0	0	0	73	24	3	0	0
1	0	0	0	0	0	13	13	3	0	1	0	0	0	17	7	1	0	0
0	0	0	0	0	0	18	20	1	1	0	0	0	0	22	5	2	0	0
3	0	0	0	0	0	23	19	3	0	0	0	0	0	22	12	1	0	0
1	0	0	0	0	0	25	11	4	1	0	0	0	0	16	8	0	0	0
5	0	0	0	0	0	79	63	11	2	1	0	0	0	77	32	4	0	0
0	0	0	0	0	0	18	15	2	0	0	0	0	0	17	10	0	0	0
3	0	0	0	0	0	16	15	1	0	0	0	0	0	16	10	0	0	0
1	0	0	0	0	0	10	14	0	0	0	0	0	0	14	13	0	1	0
2	0	0	0	0	0	13	14	1	0	0	0	0	0	15	9	1	0	0
6	0	0	0	0	0	57	58	4	0	0	0	0	0	62	42	1	1	0
1	0	0	0	0	0	19	16	1	1	0	0	0	0	18	13	2	0	0
0	0	0	0	0	0	16	17	0	0	0	0	0	0	17	7	0	0	0
0	0	0	0	0	0	14	13	2	2	0	0	0	0	17	9	0	0	0
0	0	0	0	0	0	19	29	1	0	0	0	0	0	30	11	0	0	0
1	0	0	0	0	0	68	75	4	3	0	0	0	0	82	40	2	0	0
0	0	0	0	0	0	15	22	0	0	0	0	0	0	22	9	0	0	0
0	0	0	0	0	0	18	23	0	0	0	0	0	0	23	17	1	0	0
0	0	0	0	0	0	27	22	1	0	0	0	0	0	23	11	1	0	0
0	0	0	0	0	0	15	14	1	0	0	0	0	0	15	24	0	0	0
0	0	0	0	0	0	75	81	2	0	0	0	0	0	83	61	2	0	0
0	0	0	0	0	0	25	20	0	0	0	0	0	0	20	11	1	0	0
0	0	0	0	0	0	15	23	0	0	0	0	0	0	23	17	0	0	0
0	0	0	0	0	0	18	33	0	0	0	0	0	0	33	21	0	0	0
0	0	0	0	0	0	16	28	0	0	0	0	0	0	28	9	1	0	0
0	0	0	0	0	0	74	104	0	0	0	0	0	0	104	58	2	0	0
45	3	0	0	0	1	873	911	103	22	2	0	1	0	1039	425	27	6	0

				B => B								B => C						
PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C
0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
2	0	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
0	0	0	5	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
1	0	0	5	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0
3	0	0	14	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0
1	0	0	4	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0
1	0	0	3	0	0	0	0	0	0	0	0	19	1	0	0	0	0	0
1	0	0	1	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0
0	0	0	5	0	0	0	0	0	0	0	0	11	1	0	0	0	0	0
3	0	0	13	0	0	0	0	0	0	0	0	56	3	0	0	0	0	0
0	0	0	4	0	0	0	0	0	0	0	0	21	1	0	0	0	0	0
0	0	0	4	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0
1	0	0	7	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0
1	0	0	12	0	0	0	0	0	0	0	0	11	1	0	0	0	0	0
2	0	0	27	0	0	0	0	0	0	0	0	60	3	0	0	0	0	0
1	0	0	8	0	0	0	0	0	0	0	0	7	3	0	0	0	0	0
0	0	0	4	0	0	0	0	0	0	0	0	13	1	0	0	0	0	0
0	0	0	11	0	0	0	0	0	0	0	0	12	2	0	0	0	0	0
0	0	0	4	0	0	0	0	0	0	0	0	11	2	0	0	0	0	0
1	0	0	27	0	0	0	0	0	0	0	0	43	8	0	0	0	0	0
1	0	0	8	0	0	0	0	0	0	0	0	6	1	1	1	0	0	0
0	0	0	12	0	0	0	0	0	0	0	0	22	1	0	0	0	0	0
0	0	0	11	0	0	0	0	0	0	0	0	13	1	1	0	0	0	0
0	0	0	9	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0
1	0	0	40	0	0	0	0	0	0	0	0	52	3	2	1	0	0	0
1	0	0	8	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0
0	0	0	12	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0
0	0	0	11	0	0	0	0	0	0	0	0	20	2	0	0	0	0	0
0	0	0	12	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
1	0	0	43	0	0	0	0	0	0	0	0	49	3	0	0	0	0	0
1	0	0	13	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0
0	0	0	6	0	0	0	0	0	0	0	0	16	2	1	0	0	0	0
0	0	0	9	0	0	0	0	0	0	0	0	14	0	1	0	0	0	0
0	0	0	6	0	0	0	0	0	0	0	0	16	1	1	0	0	0	0
1	0	0	34	0	0	0	0	0	0	0	0	63	3	3	0	0	0	0
1	0	0	6	0	0	0	0	0	0	0	0	11	1	0	0	0	0	0
1	0	0	6	0	0	0	0	0	0	0	0	17	2	1	0	0	0	0
0	0	0	9	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0
0	0	0	8	0	0	0	0	0	0	0	0	21	1	0	0	0	0	0
2	0	0	29	0	0	0	0	0	0	0	0	64	4	1	0	0	0	0
0	0	0	8	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0
1	1	0	9	0	0	0	0	0	0	0	0	12	1	0	0	0	0	0
0	0	0	13	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
0	0	0	8	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0
1	1	0	38	0	0	0	0	0	0	0	0	44	1	0	0	0	0	0
1	0	0	11	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0
0	0	0	10	0	0	0	0	0	0	0	0	10	1	0	0	0	0	0
0	0	0	14	0	0	0	0	0	0	0	0	11	1	0	0	0	0	0
1	0	0	11	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0
2	0	0	46	0	0	0	0	0	0	0	0	35	2	0	0	0	0	0
0	0	0	15	0	0	0	0	0	0	0	0	11	1	0	0	0	0	0
1	1	0	9	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0
0	0	0	9	0	0	0	0	0	0	0	0	11	1	0	0	0	0	0
0	0	0	11	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0
1	1	0	44	0	0	0	0	0	0	0	0	39	2	0	0	0	0	0
1	0	0	10	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0
2	0	0	20	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0
0	0	0	12	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0
0	0	0	24	0	0	0	0	0	0	0	0	12	0	0	0	1	0	0
3	0	0	66	0	0	0	0	0	0	0	0	38	1	0	0	1	0	0
0	0	0	12	0	0	0	0	0	0	0	0	7	0	0	0	1	0	0
0	0	0	17	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0
1	0	0	22	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0
0	0	0	10	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0
1	0	0	61	0	0	0	0	0	0	0	0	33	1	0	0	1	0	0
22	2	0	482	0	0	0	0	0	0	0	0	594	34	6	1	2	0	0

	B => D								C => A									
TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV
2	51	3	1	2	1	0	1	59	2	1	0	0	0	0	0	3	1	0
2	77	5	0	0	2	0	0	84	4	0	0	0	0	0	0	4	4	0
8	77	1	1	0	3	0	0	82	3	1	0	0	0	0	0	4	7	0
6	69	4	0	0	1	0	0	74	8	1	0	0	0	0	0	9	5	1
18	274	13	2	2	7	0	1	299	17	3	0	0	0	0	0	20	17	1
6	70	2	0	0	3	0	0	75	16	0	0	0	0	0	0	16	10	1
20	92	1	1	0	0	0	0	94	23	1	0	0	0	0	0	24	14	0
21	80	3	1	0	0	0	1	85	19	1	0	0	0	0	0	20	31	2
12	74	2	1	0	3	0	0	80	11	2	0	0	0	0	0	13	28	2
59	316	8	3	0	6	0	1	334	69	4	0	0	0	0	0	73	83	5
22	62	8	1	0	2	0	0	73	17	1	0	0	0	0	0	18	24	1
19	61	3	1	2	0	0	0	67	21	0	0	0	0	0	0	21	28	1
10	56	7	0	1	2	0	0	66	16	1	0	0	0	0	0	17	22	0
12	68	8	2	0	1	0	0	79	10	0	0	0	0	0	0	10	15	3
63	247	26	4	3	5	0	0	285	64	2	0	0	0	0	0	66	89	5
10	54	4	2	1	1	0	0	62	16	1	0	0	0	0	0	17	16	0
14	62	4	0	0	1	0	0	67	9	1	0	0	0	0	0	10	17	0
14	71	8	2	3	1	0	0	85	12	0	0	0	0	0	0	12	16	2
13	56	4	3	0	0	0	0	63	17	1	0	0	0	0	0	18	19	1
51	243	20	7	4	3	0	0	277	54	3	0	0	0	0	0	57	68	3
9	77	5	1	2	0	1	0	86	12	0	1	0	0	0	0	13	15	2
23	67	6	2	2	0	0	0	77	14	0	0	0	0	0	0	14	16	2
15	52	7	0	1	1	0	0	61	14	2	0	0	0	0	0	16	18	6
11	70	8	1	0	0	0	1	80	17	0	0	0	0	0	0	17	13	2
58	266	26	4	5	1	1	1	304	57	2	1	0	0	0	0	60	62	12
7	75	8	1	1	1	0	0	86	11	1	0	0	0	0	0	12	11	0
15	61	9	0	1	0	0	0	71	17	0	0	0	0	0	0	17	21	3
22	55	5	3	1	1	0	0	65	15	0	0	0	0	0	0	15	17	0
8	62	7	1	0	0	0	0	70	19	2	1	0	0	0	0	22	13	0
52	253	29	5	3	2	0	0	292	62	3	1	0	0	0	0	66	62	3
17	59	7	0	1	3	0	0	70	12	0	0	0	0	0	0	12	19	4
19	78	6	2	0	1	0	0	87	12	3	0	0	1	0	0	16	38	0
15	56	4	3	2	3	0	0	68	8	0	0	0	0	0	0	8	21	0
18	56	5	1	5	0	0	0	67	18	1	0	0	0	0	0	19	25	2
69	249	22	6	8	7	0	0	292	50	4	0	0	1	0	0	55	103	6
12	65	13	3	0	3	0	0	84	14	1	0	0	0	0	0	15	33	2
20	67	8	2	2	1	0	1	81	9	1	0	0	0	0	0	10	18	1
15	55	10	2	0	0	0	0	67	10	3	0	0	0	0	0	13	31	3
22	52	6	3	1	2	0	0	64	13	1	0	0	0	0	0	14	22	2
69	239	37	10	3	6	0	1	296	46	6	0	0	0	0	0	52	104	8
15	69	9	1	1	0	0	0	80	15	2	0	0	0	0	0	17	15	3
13	52	9	3	1	1	0	0	66	12	0	0	0	1	0	0	13	22	1
8	51	5	2	2	1	0	0	61	7	0	0	0	0	0	0	7	8	0
9	60	10	3	2	0	0	0	75	23	0	0	0	0	0	0	23	27	1
45	232	33	9	6	2	0	0	282	57	2	0	0	1	0	0	60	72	5
8	62	9	0	0	0	0	0	71	17	0	0	0	0	0	0	17	25	0
11	63	7	0	1	6	0	0	77	21	1	0	0	0	0	0	22	19	0
12	68	10	2	1	1	0	0	82	14	1	0	0	0	0	0	15	13	0
6	63	8	1	0	0	0	0	72	16	2	0	0	0	0	0	18	23	0
37	256	34	3	2	7	0	0	302	68	4	0	0	0	0	0	72	80	0
12	47	6	0	0	0	0	0	53	15	1	0	0	0	0	0	16	10	0
7	55	4	1	1	2	0	0	63	11	0	0	0	0	0	0	11	13	1
12	70	5	0	0	1	0	0	76	22	0	0	0	0	0	0	22	21	0
10	55	5	0	1	0	0	0	61	12	1	0	0	0	0	0	13	9	1
41	227	20	1	2	3	0	0	253	60	2	0	0	0	0	0	62	53	2
6	64	4	0	0	2	0	0	70	16	2	0	0	0	0	0	18	11	1
12	59	1	0	0	0	0	1	61	20	0	0	0	0	0	0	20	12	2
9	64	3	0	0	2	0	0	69	15	1	0	0	0	0	0	16	15	0
13	66	0	0	1	1	0	1	69	18	0	0	0	0	0	0	18	19	0
40	253	8	0	1	5	0	2	269	69	3	0	0	0	0	0	72	57	3
8	69	2	0	0	2	0	0	73	16	0	0	0	0	0	0	16	17	1
12	73	1	0	0	0	0	0	74	7	0	0	0	0	0	0	7	12	0
9	67	0	0	1	0	0	0	68	15	0	0	0	0	0	0	15	17	0
6	59	4	0	0	1	0	0	64	22	0	0	0	0	0	0	22	12	0
35	268	7	0	1	3	0	0	279	60	0	0	0	0	0	0	60	58	1
637	3323	283	54	40	57	1	6	3764	733	38	2	0	2	0	0	775	908	54

C => B						C => C								C => D				
OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV
0	0	0	0	0	1	0	0	0	0	0	0	0	0	7	0	0	0	0
0	0	0	0	0	4	0	0	0	0	0	0	0	0	19	0	0	0	1
0	0	0	0	0	7	0	0	0	0	0	0	0	0	12	0	0	0	2
0	0	0	0	0	6	0	0	0	0	0	0	0	0	15	2	0	0	4
0	0	0	0	0	18	0	0	0	0	0	0	0	0	53	2	0	0	7
0	0	0	0	0	11	0	0	0	0	0	0	0	0	23	1	1	1	4
0	0	0	0	0	14	0	0	0	0	0	0	0	0	18	1	0	0	0
0	0	1	0	0	34	0	0	0	0	0	0	0	0	19	0	0	0	1
0	0	0	0	0	30	0	0	0	0	0	0	0	0	15	0	0	0	0
0	0	1	0	0	89	0	0	0	0	0	0	0	0	75	2	1	1	5
0	0	0	0	0	25	0	0	0	0	0	0	0	0	27	2	0	0	1
0	0	0	0	0	29	0	0	0	0	0	0	0	0	24	1	0	0	1
0	0	0	0	0	22	0	0	0	0	0	0	0	0	14	1	1	0	1
0	0	0	0	0	18	0	0	0	0	0	0	0	0	20	3	0	0	0
0	0	0	0	0	94	0	0	0	0	0	0	0	0	85	7	1	0	3
0	0	0	0	0	16	0	0	0	0	0	0	0	0	13	3	0	0	0
0	0	0	0	0	17	0	0	0	0	0	0	0	0	16	2	0	0	1
1	0	0	0	0	19	0	0	0	0	0	0	0	0	8	2	0	0	0
0	0	0	0	0	20	0	0	0	0	0	0	0	0	18	4	0	0	1
1	0	0	0	0	72	0	0	0	0	0	0	0	0	55	11	0	0	2
2	0	0	0	0	19	0	0	0	0	0	0	0	0	16	1	1	0	0
0	0	0	0	0	18	0	0	0	0	0	0	0	0	11	2	1	0	1
0	0	0	0	0	24	0	0	0	0	0	0	0	0	20	4	1	0	0
0	0	0	0	0	15	0	0	0	0	0	0	0	0	21	1	0	0	0
2	0	0	0	0	76	0	0	0	0	0	0	0	0	68	8	3	0	1
0	0	0	0	0	11	0	0	0	0	0	0	0	0	16	2	0	0	0
0	0	0	0	0	24	0	0	0	0	0	0	0	0	16	0	0	0	1
0	0	0	0	0	17	0	0	0	0	0	0	0	0	14	2	0	0	0
0	0	0	0	0	13	0	0	0	0	0	0	0	0	11	1	0	0	1
0	0	0	0	0	65	0	0	0	0	0	0	0	0	57	5	0	0	2
1	0	0	0	0	24	0	0	0	0	0	0	0	0	15	1	0	0	0
0	0	0	0	0	38	0	0	0	0	0	0	0	0	15	1	0	0	0
0	1	0	0	0	22	0	0	0	0	0	0	0	0	9	3	1	0	0
1	0	1	0	0	29	0	0	0	0	0	0	0	0	15	1	0	0	1
2	1	1	0	0	113	0	0	0	0	0	0	0	0	54	6	1	0	1
0	0	0	0	0	35	0	0	0	0	0	0	0	0	12	0	0	0	0
1	0	0	0	0	20	0	0	0	0	0	0	0	0	11	0	0	0	1
0	0	0	0	0	34	0	0	0	0	0	0	0	0	13	2	0	0	1
1	0	0	0	0	25	0	0	0	0	0	0	0	0	24	2	0	0	1
2	0	0	0	0	114	0	0	0	0	0	0	0	0	60	4	0	0	3
0	0	0	0	0	18	0	0	0	0	0	0	0	0	13	2	0	0	0
0	0	0	0	0	23	0	0	0	0	0	0	0	0	12	0	0	0	1
0	0	0	0	0	8	0	0	0	0	0	0	0	0	13	1	0	0	0
0	0	0	0	0	28	0	0	0	0	0	0	0	0	30	3	0	0	1
0	0	0	0	0	77	0	0	0	0	0	0	0	0	68	6	0	0	2
0	0	0	0	0	25	0	0	0	0	0	0	0	0	19	3	0	0	0
0	0	0	0	0	19	0	0	0	0	0	0	0	0	18	2	0	0	1
0	0	0	0	0	13	0	0	0	0	0	0	0	0	18	2	0	0	0
0	0	0	0	0	23	0	0	0	0	0	0	0	0	16	0	0	0	1
0	0	0	0	0	80	0	0	0	0	0	0	0	0	71	7	0	0	2
0	0	0	1	0	11	0	0	0	0	0	0	0	0	18	1	0	0	1
0	0	0	0	0	14	0	0	0	0	0	0	0	0	25	3	0	0	2
0	0	0	0	0	21	0	0	0	0	0	0	0	0	20	0	1	0	1
0	0	0	0	0	10	0	0	0	0	0	0	0	0	18	1	0	0	0
0	0	0	1	0	56	0	0	0	0	0	0	0	0	81	5	1	0	4
0	0	0	0	0	12	0	0	0	0	0	0	0	0	17	3	0	0	1
0	0	0	0	0	14	0	0	0	0	0	0	0	0	23	1	0	0	0
0	0	0	0	0	15	0	0	0	0	0	0	0	0	19	1	0	0	1
0	0	0	0	0	19	0	0	0	0	0	0	0	0	24	1	0	0	1
0	0	0	0	0	60	0	0	0	0	0	0	0	0	83	6	0	0	3
0	0	0	0	0	18	0	0	0	0	0	0	0	0	16	0	0	0	0
0	0	0	0	0	12	0	0	0	0	0	0	0	0	21	0	0	0	1
0	0	0	0	0	17	0	0	0	0	0	0	0	0	18	0	0	0	0
0	0	0	0	0	12	0	0	0	0	0	0	0	0	17	1	0	0	1
0	0	0	0	0	59	0	0	0	0	0	0	0	0	72	1	0	0	2
7	1	2	1	0	973	0	0	0	0	0	0	0	0	882	70	7	1	37

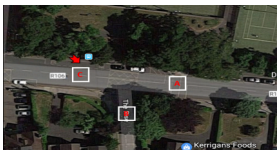
			D => A								D => B							
M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	7	2	0	0	0	0	0	0	2	30	1	0	1	1	0	0	33
0	0	20	1	1	0	0	0	0	0	2	24	2	2	2	2	0	0	32
0	0	14	3	1	1	0	0	0	0	5	27	5	3	0	1	0	0	36
0	0	21	6	0	0	0	0	0	0	6	70	3	1	0	5	0	0	79
0	0	62	12	2	1	0	0	0	0	15	151	11	6	3	9	0	0	180
0	0	30	3	1	0	0	0	0	0	4	56	5	4	0	5	0	0	70
0	0	19	2	1	0	0	0	0	0	3	48	4	0	0	0	0	1	53
0	0	20	2	0	0	0	0	0	0	2	42	5	4	3	0	0	0	54
0	0	15	8	0	0	0	0	0	0	8	58	10	1	1	3	0	0	73
0	0	84	15	2	0	0	0	0	0	17	204	24	9	4	8	0	1	250
0	0	30	14	1	0	0	0	0	0	15	72	15	2	2	1	0	0	92
0	0	26	13	0	0	0	0	0	0	13	44	7	3	0	4	0	0	58
0	0	17	16	2	0	0	0	0	0	18	56	10	1	0	1	0	1	69
0	0	23	10	0	1	0	0	0	0	11	54	26	4	0	2	0	0	86
0	0	96	53	3	1	0	0	0	0	57	226	58	10	2	8	0	1	305
0	0	16	11	3	1	0	0	0	0	15	57	30	2	0	0	0	0	89
0	0	19	8	1	0	0	0	0	0	9	49	8	1	0	0	0	0	58
0	0	10	3	0	0	0	0	0	0	3	41	6	0	0	1	0	1	49
0	0	23	8	1	0	0	0	0	0	9	62	7	4	0	0	0	1	74
0	0	68	30	5	1	0	0	0	0	36	209	51	7	0	1	0	2	270
0	0	18	6	3	0	0	0	0	0	9	56	10	1	1	1	0	0	69
0	0	15	7	1	0	0	0	0	0	8	53	11	2	1	0	0	0	67
0	0	25	8	2	1	1	0	0	0	12	46	10	3	1	1	0	1	62
0	0	22	14	2	0	0	0	0	0	16	68	6	0	2	0	0	0	76
0	0	80	35	8	1	1	0	0	0	45	223	37	6	5	2	0	1	274
0	0	18	10	0	0	0	0	0	0	10	66	7	3	0	1	0	1	78
0	1	18	12	0	0	0	0	0	0	12	66	7	1	2	0	0	1	77
0	0	16	11	1	0	0	0	0	0	12	66	4	2	2	1	0	0	75
0	0	13	12	2	0	0	0	0	0	14	53	7	0	0	1	0	0	61
0	1	65	45	3	0	0	0	0	0	48	251	25	6	4	3	0	2	291
0	0	16	11	0	0	0	0	0	0	11	58	2	0	0	1	0	2	63
0	0	16	10	0	0	0	0	0	0	10	51	5	2	2	1	0	0	61
0	0	13	9	1	0	0	0	0	0	10	59	9	1	2	1	0	0	72
0	0	17	10	0	0	0	0	0	0	10	62	6	2	1	0	0	0	71
0	0	62	40	1	0	0	0	0	0	41	230	22	5	5	3	0	2	267
0	0	12	11	2	0	0	0	0	0	13	62	5	1	0	1	0	0	69
0	0	12	11	1	0	0	0	0	0	12	65	1	2	1	2	0	0	71
0	0	16	7	0	0	0	0	0	0	7	61	5	1	1	0	0	0	68
0	0	27	7	1	0	1	0	1	0	10	52	4	1	2	1	0	0	60
0	0	67	36	4	0	1	0	1	0	42	240	15	5	4	4	0	0	268
0	0	15	13	3	0	0	0	0	0	16	73	8	0	1	1	0	0	83
0	0	13	7	3	1	0	0	0	0	11	61	3	0	1	1	0	0	66
0	0	14	4	0	1	0	0	0	0	5	55	4	0	0	0	0	1	60
0	0	34	11	1	0	0	0	0	0	12	58	7	0	0	2	0	0	67
0	0	76	35	7	2	0	0	0	0	44	247	22	0	2	4	0	1	276
0	0	22	12	0	0	0	0	0	0	12	57	3	0	1	0	0	1	62
0	0	21	9	1	1	0	0	0	0	11	52	7	0	0	3	0	0	62
0	0	20	10	1	1	0	0	0	0	12	61	3	1	0	2	0	0	67
0	0	17	8	1	0	0	0	0	0	9	61	6	0	1	2	0	0	70
0	0	80	39	3	2	0	0	0	0	44	231	19	1	2	7	0	1	261
0	0	20	12	1	0	0	0	0	0	13	52	2	0	1	0	0	0	55
0	0	30	11	1	0	0	0	0	0	12	53	1	0	0	1	0	0	55
0	0	22	15	0	0	0	0	0	0	15	64	1	0	0	0	0	1	66
0	0	19	13	0	0	0	0	0	0	13	76	2	0	0	0	0	1	79
0	0	91	51	2	0	0	0	0	0	53	245	6	0	1	1	0	2	255
0	0	21	18	1	0	0	0	0	0	19	58	3	0	0	0	0	2	63
0	0	24	24	0	0	0	0	0	0	24	65	4	0	0	1	0	1	71
0	0	21	19	0	0	0	1	0	0	20	56	0	0	0	0	0	1	57
0	0	26	15	1	0	0	0	0	0	16	63	0	0	0	0	0	0	63
0	0	92	76	2	0	0	1	0	0	79	242	7	0	0	1	0	4	254
0	0	16	16	0	0	0	0	0	0	16	69	0	0	0	1	0	0	70
0	0	22	14	0	0	0	0	0	0	14	55	4	0	0	1	0	0	60
0	0	18	20	0	0	0	0	0	0	20	72	1	0	0	1	0	0	74
0	0	19	22	0	0	0	0	0	0	22	50	0	0	0	0	0	0	50
0	0	75	72	0	0	0	0	0	0	72	246	5	0	0	3	0	0	254
0	1	998	539	42	8	2	1	1	0	593	2945	302	55	32	54	0	17	3405

D => C								D => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
9	2	0	0	0	0	0	11	0	0	0	0	0	0	0	0
8	1	0	0	2	0	0	11	0	0	0	0	0	0	0	0
9	2	0	0	2	0	0	13	0	0	0	0	0	0	0	0
28	6	0	0	4	0	0	38	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	18	0	0	0	0	0	0	0	0
38	0	0	0	2	0	0	40	0	0	0	0	0	0	0	0
27	2	0	0	0	0	0	29	0	0	0	0	0	0	0	0
19	1	0	0	2	0	0	22	0	0	0	0	0	0	0	0
101	4	0	0	4	0	0	109	0	0	0	0	0	0	0	0
13	0	1	0	0	0	0	14	0	0	0	0	0	0	0	0
11	1	0	0	1	0	0	13	0	0	0	0	0	0	0	0
8	3	0	0	0	0	0	11	0	0	0	0	0	0	0	0
4	1	0	0	2	0	0	7	0	0	0	0	0	0	0	0
36	5	1	0	3	0	0	45	0	0	0	0	0	0	0	0
7	3	0	0	0	0	0	10	0	0	0	0	0	0	0	0
7	1	0	0	1	0	0	9	0	0	0	0	0	0	0	0
11	2	0	0	1	0	0	14	0	0	0	0	0	0	0	0
11	2	1	0	0	0	0	14	0	0	0	0	0	0	0	0
36	8	1	0	2	0	0	47	0	0	0	0	0	0	0	0
8	0	2	0	1	0	0	11	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0
12	2	0	0	0	0	0	14	0	0	0	0	0	0	0	0
12	1	0	0	1	0	0	14	0	0	0	0	0	0	0	0
36	4	2	0	2	0	0	44	0	0	0	0	0	0	0	0
9	0	1	0	0	0	0	10	0	0	0	0	0	0	0	0
12	1	1	0	1	0	0	15	0	0	0	0	0	0	0	0
6	2	0	0	1	1	0	10	0	0	0	0	0	0	0	0
10	1	0	0	0	0	0	11	0	0	0	0	0	0	0	0
37	4	2	0	2	1	0	46	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
10	1	0	1	1	0	0	13	0	0	0	0	0	0	0	0
15	2	0	0	2	1	0	20	0	0	0	0	0	0	0	0
12	0	0	0	1	0	0	13	0	0	0	0	0	0	0	0
47	3	0	1	4	1	0	56	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
9	0	0	0	1	0	0	10	0	0	0	0	0	0	0	0
14	0	0	0	1	0	0	15	0	0	0	0	0	0	0	0
11	1	0	0	1	0	0	13	0	0	0	0	0	0	0	0
41	1	0	0	3	0	0	45	0	0	0	0	0	0	0	0
10	1	0	0	0	0	0	11	0	0	0	0	0	0	0	0
7	4	0	0	1	0	0	12	1	0	0	0	0	0	0	1
23	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0
24	1	0	0	0	0	0	25	0	0	0	0	0	0	0	0
64	6	0	0	1	0	0	71	1	0	0	0	0	0	0	1
12	1	0	0	1	0	1	15	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
12	0	0	0	0	2	0	14	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	14	0	0	0	0	0	0	0	0
45	3	0	0	1	2	1	52	0	0	0	0	0	0	0	0
17	1	0	0	1	1	0	20	1	0	0	0	0	0	0	1
12	1	0	0	0	0	0	13	0	0	0	0	0	0	0	0
14	0	0	0	1	0	0	15	0	0	0	0	0	0	0	0
14	0	0	0	1	0	0	15	0	0	0	0	0	0	0	0
57	2	0	0	3	1	0	63	1	0	0	0	0	0	0	1
14	0	0	0	1	0	0	15	0	0	0	0	0	0	0	0
12	0	0	0	2	0	0	14	0	0	0	0	0	0	0	0
11	2	0	0	2	0	0	15	0	0	0	0	0	0	0	0
21	0	0	0	2	0	0	23	0	0	0	0	0	0	0	0
58	2	0	0	7	0	0	67	0	0	0	0	0	0	0	0
18	0	0	0	1	0	0	19	0	0	0	0	0	0	0	0
14	1	0	0	1	0	0	16	0	0	0	0	0	0	0	0
16	0	0	0	1	0	0	17	0	0	0	0	0	0	0	0
20	0	0	0	1	0	0	21	0	0	0	0	0	0	0	0
68	1	0	0	4	0	0	73	0	0	0	0	0	0	0	0
654	49	6	1	40	5	1	756	2	0	0	0	0	0	0	2

Survey Name :	ITS J-372 Malahide
Site:	Site 2
Date:	12.12.2019
Time:	07:00 - 20:00
Location:	53.4510026,-6.1511518
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C, Peds

Irish Traffic Surveys

	A => A								A => B								
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
07:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	71
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89
07:45	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	100
H/TOT	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	308
08:00	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	104
08:15	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	121
08:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	74
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
H/TOT	0	0	0	0	0	0	0	0	13	1	0	0	0	0	0	14	359
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89
09:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	96
09:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	89
H/TOT	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	331
10:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	60
10:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	89
10:30	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	86
10:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	66
H/TOT	0	0	0	0	0	0	0	0	11	1	0	0	0	0	0	12	301
11:00	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	79
11:15	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	77
11:30	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	81
11:45	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9	85
H/TOT	0	0	0	0	0	0	0	0	25	2	0	0	0	0	0	27	322
12:00	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	78
12:15	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	82
12:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	82
12:45	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5	95
H/TOT	0	0	0	0	0	0	0	0	19	1	0	0	0	0	0	20	337
13:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	85
13:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	108
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63
13:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	88
H/TOT	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	344
14:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	86
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	82
14:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	82
14:45	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	72
H/TOT	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	322
15:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	72
15:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	83
15:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	94
15:45	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	79
H/TOT	0	0	0	0	0	0	0	0	12	1	0	0	0	0	0	13	328
16:00	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10	88
16:15	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9	93
16:30	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	96
16:45	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7	82
H/TOT	0	0	0	0	0	0	0	0	33	1	0	0	0	0	0	34	359
17:00	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11	87
17:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	92
17:30	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	101
17:45	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	83
H/TOT	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	27	363
18:00	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	13	90
18:15	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	95
18:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	67
18:45	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	100
H/TOT	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	24	352
19:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	88
19:15	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	99
19:30	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	77
19:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	84
H/TOT	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	348
13 HR TOT	0	0	0	0	0	0	0	0	196	7	0	0	0	0	0	203	4374



A => C							B => A								B => B			
LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2
2	1	1	2	0	1	55	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	5	0	1	81	1	0	0	0	0	0	0	1	0	0	0	0
1	0	0	3	0	0	93	1	0	0	0	0	0	0	1	0	0	0	0
4	0	0	2	0	0	106	0	0	0	0	0	0	0	0	0	0	0	0
11	1	1	12	0	2	335	2	0	0	0	0	0	0	2	0	0	0	0
2	0	0	3	0	0	109	0	0	1	0	0	0	0	1	0	0	0	0
5	1	0	1	0	0	128	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	3	0	0	81	11	0	0	0	0	0	0	11	0	0	0	0
6	1	0	0	0	0	67	30	0	0	0	0	0	0	30	0	0	0	0
16	3	0	7	0	0	385	41	0	1	0	0	0	0	42	0	0	0	0
6	0	0	0	0	0	63	13	0	0	0	0	0	0	13	0	0	0	0
7	2	2	2	0	2	104	1	0	0	0	0	0	0	1	0	0	0	0
9	1	1	1	0	0	108	2	0	0	0	0	0	0	2	0	0	0	0
8	2	0	1	0	0	100	1	0	0	0	0	0	0	1	0	0	0	0
30	5	3	4	0	2	375	17	0	0	0	0	0	0	17	0	0	0	0
6	2	1	2	0	0	71	4	0	0	0	0	0	0	4	0	0	0	0
5	0	1	1	0	0	96	1	0	0	0	0	0	0	1	0	0	0	0
9	5	2	1	1	0	104	2	1	0	0	0	0	0	3	0	0	0	0
5	2	0	1	0	0	74	3	0	0	0	0	0	0	3	0	0	0	0
25	9	4	5	1	0	345	10	1	0	0	0	0	0	11	0	0	0	0
5	2	1	1	1	0	89	1	0	0	0	0	0	0	1	0	0	0	0
9	5	0	0	0	0	91	3	0	1	0	0	0	0	4	0	0	0	0
7	1	1	1	0	0	91	0	0	0	0	0	0	0	0	0	0	0	0
13	5	1	0	0	1	105	0	1	0	0	0	0	0	1	0	0	0	0
34	13	3	2	1	1	376	4	1	1	0	0	0	0	6	0	0	0	0
9	2	1	1	0	0	91	3	0	0	0	0	0	0	3	0	0	0	0
8	0	1	0	0	0	91	4	0	0	0	0	0	0	4	0	0	0	0
8	2	1	2	0	2	97	1	0	0	0	0	0	0	1	0	0	0	0
11	1	0	0	0	0	107	1	0	0	0	0	0	0	1	0	0	0	0
36	5	3	3	0	2	386	9	0	0	0	0	0	0	9	0	0	0	0
6	0	0	4	0	0	95	1	0	0	0	0	0	0	1	0	0	0	0
16	2	0	1	0	0	127	0	0	0	0	0	0	0	0	0	0	0	0
1	3	1	1	0	0	69	6	0	0	0	0	0	0	6	0	0	0	0
6	1	4	0	0	0	99	1	0	0	0	0	0	0	1	0	0	0	0
29	6	5	6	0	0	390	8	0	0	0	0	0	0	8	0	0	0	0
3	3	1	4	0	0	97	1	0	0	0	0	0	0	1	0	0	0	0
10	2	2	1	0	1	98	3	1	0	0	0	0	0	4	0	0	0	0
7	1	0	1	0	0	91	12	0	0	0	0	0	0	12	0	0	0	0
7	3	2	2	1	0	87	14	0	0	0	0	0	0	14	0	0	0	0
27	9	5	8	1	1	373	30	1	0	0	0	0	0	31	0	0	0	0
14	1	0	1	0	0	88	4	0	0	0	0	0	0	4	0	0	0	0
21	2	1	1	0	0	108	0	0	0	0	0	0	0	0	0	0	0	0
7	1	3	1	0	0	106	3	0	0	0	0	0	0	3	0	0	0	0
15	1	1	0	0	1	97	2	1	0	0	0	0	0	3	0	0	0	0
57	5	5	3	0	1	399	9	1	0	0	0	0	0	10	0	0	0	0
7	0	0	2	0	0	97	3	0	0	0	0	0	0	3	0	0	0	0
2	0	0	0	0	0	95	11	0	0	0	0	0	0	11	0	0	0	0
7	2	0	1	0	0	106	3	0	0	0	0	0	0	3	0	0	0	0
10	1	0	2	0	1	96	3	0	0	0	0	0	0	3	0	0	0	0
26	3	0	5	0	1	394	20	0	0	0	0	0	0	20	0	0	0	0
6	1	0	0	0	0	94	3	0	0	0	0	0	0	3	0	0	0	0
5	0	1	4	0	0	102	3	0	0	0	0	0	0	3	0	0	0	0
4	1	1	0	0	0	107	1	0	0	0	0	0	0	1	0	0	0	0
4	0	0	1	0	0	88	6	0	0	0	0	0	0	6	0	0	0	0
19	2	2	5	0	0	391	13	0	0	0	0	0	0	13	0	0	0	0
2	0	0	3	0	0	95	10	0	0	0	0	0	0	10	0	0	0	0
5	0	0	1	0	0	101	2	0	0	0	0	0	0	2	0	0	0	0
2	0	0	1	0	0	70	4	0	0	0	0	0	0	4	0	0	0	0
1	0	1	2	0	0	104	5	0	0	0	0	0	0	5	0	0	0	0
10	0	1	7	0	0	370	21	0	0	0	0	0	0	21	0	0	0	0
3	0	0	3	0	0	94	3	0	0	0	0	0	0	3	0	0	0	0
0	0	0	0	0	1	100	0	0	0	0	0	0	0	0	0	0	0	0
3	0	1	1	0	0	82	6	0	0	0	0	0	0	6	0	0	0	0
1	0	0	3	0	0	88	0	0	0	0	0	0	0	0	0	0	0	0
7	0	1	7	0	1	364	9	0	0	0	0	0	0	9	0	0	0	0
327	61	33	74	3	11	4883	193	4	2	0	0	0	0	199	0	0	0	0

				B => C								C => A						
PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C
0	0	0	0	1	1	0	0	0	0	0	2	34	1	0	2	1	0	0
0	0	0	0	1	1	0	0	0	0	0	2	40	8	4	1	3	0	0
0	0	0	0	4	0	0	0	0	0	0	4	53	6	1	0	3	0	0
0	0	0	0	4	1	0	0	0	0	0	5	99	6	2	0	6	0	0
0	0	0	0	10	3	0	0	0	0	0	13	226	21	7	3	13	0	0
0	0	0	0	5	0	0	0	0	0	0	5	104	5	2	1	4	0	0
0	0	0	0	6	0	0	0	0	0	0	6	113	2	1	0	1	0	1
0	0	0	0	30	0	0	0	0	0	0	30	102	8	5	3	1	0	0
0	0	0	0	40	2	0	0	0	0	0	42	142	8	3	0	3	0	0
0	0	0	0	81	2	0	0	0	0	0	83	461	23	11	4	9	0	1
0	0	0	0	39	2	0	0	1	0	0	42	104	9	0	1	1	0	0
0	0	0	0	22	1	0	0	0	0	0	23	83	7	2	0	4	0	0
0	0	0	0	12	0	0	0	0	0	0	12	70	13	1	0	2	0	1
0	0	0	0	6	1	0	0	0	0	0	7	74	16	4	0	1	0	0
0	0	0	0	79	4	0	0	1	0	0	84	331	45	7	1	8	0	1
0	0	0	0	6	0	0	0	0	0	0	6	86	10	0	0	2	0	0
0	0	0	0	4	0	0	0	0	0	0	4	67	2	0	0	0	0	0
0	0	0	0	8	0	0	0	0	0	0	8	59	7	1	0	1	0	0
0	0	0	0	7	0	0	0	0	0	0	7	85	7	2	0	0	0	1
0	0	0	0	25	0	0	0	0	0	0	25	297	26	3	0	3	0	1
0	0	0	0	6	1	0	0	0	0	0	7	66	8	1	1	2	0	0
0	0	0	0	3	1	0	0	0	0	0	4	78	8	2	2	0	0	2
0	0	0	0	3	0	0	0	0	0	0	3	76	15	4	0	0	0	1
0	0	0	0	9	0	0	0	0	0	0	9	104	8	1	3	1	0	1
0	0	0	0	21	2	0	0	0	0	0	23	324	39	8	6	3	0	4
0	0	0	0	5	0	0	0	0	0	0	5	88	7	2	1	2	0	1
0	0	0	0	5	1	0	0	0	0	0	6	99	11	2	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	1	109	3	3	2	1	0	0
0	0	0	0	4	0	0	0	0	0	0	4	84	9	0	0	0	0	1
0	0	0	0	15	1	0	0	0	0	0	16	380	30	7	3	3	0	2
0	0	0	0	11	3	0	0	0	0	0	14	101	11	1	0	2	1	0
0	0	0	0	14	0	1	0	0	0	0	15	127	3	3	1	1	0	1
0	0	0	0	8	1	0	0	1	0	0	10	95	11	5	2	1	0	0
0	0	0	0	15	1	1	1	0	0	0	18	112	11	2	1	1	0	0
0	0	0	0	48	5	2	1	1	0	0	57	435	36	11	4	5	1	1
0	0	0	0	6	0	0	0	0	0	0	6	125	8	1	0	2	0	0
0	0	0	0	12	2	1	0	0	0	0	15	97	6	1	1	3	0	0
0	0	0	0	12	4	1	0	0	0	0	17	117	11	0	1	0	0	0
0	0	0	0	20	0	0	0	1	0	0	21	98	6	3	2	1	1	0
0	0	0	0	50	6	2	0	1	0	0	59	437	31	5	4	6	1	0
0	0	0	0	5	1	0	0	0	0	0	6	91	13	0	1	1	0	0
0	0	0	0	7	0	0	0	0	0	0	7	108	1	0	1	2	0	1
0	0	0	0	9	1	0	0	0	0	0	10	103	3	1	0	1	0	1
0	0	0	0	12	1	0	0	0	0	0	13	97	9	0	0	2	0	0
0	0	0	0	33	3	0	0	0	0	0	36	399	26	1	2	6	0	2
0	0	0	0	9	0	0	0	0	0	0	9	107	7	1	1	0	0	1
0	0	0	0	12	0	0	0	0	0	0	12	93	7	0	0	3	0	0
0	0	0	0	6	0	0	0	0	0	0	6	121	5	1	0	3	1	0
0	0	0	0	5	1	0	0	0	0	0	6	122	4	0	1	2	0	1
0	0	0	0	32	1	0	0	0	0	0	33	443	23	2	2	8	1	2
0	0	0	0	5	0	0	0	0	0	0	5	84	4	0	1	1	0	0
0	0	0	0	4	0	0	0	0	0	0	4	103	2	0	0	2	0	0
0	0	0	0	10	0	0	0	0	0	0	10	118	6	0	0	0	0	0
0	0	0	0	7	0	0	0	0	0	0	7	125	2	0	0	0	0	1
0	0	0	0	26	0	0	0	0	0	0	26	430	14	0	1	3	0	1
0	0	0	0	8	0	0	0	0	0	0	8	126	4	0	0	1	0	1
0	0	0	0	4	0	0	0	0	0	0	4	100	6	0	0	2	0	1
0	0	0	0	6	1	0	0	0	0	0	7	118	1	0	0	1	0	1
0	0	0	0	11	0	0	0	0	0	0	11	101	2	0	0	0	0	0
0	0	0	0	29	1	0	0	0	0	0	30	445	13	0	0	4	0	3
0	0	0	0	5	0	0	0	0	0	0	5	122	3	0	0	1	0	0
0	0	0	0	5	0	0	0	0	0	0	5	112	3	0	0	1	0	0
0	0	0	0	4	0	0	0	0	0	0	4	102	3	0	0	1	0	1
0	0	0	0	9	0	0	0	0	0	0	9	92	0	0	0	1	0	0
0	0	0	0	23	0	0	0	0	0	0	23	428	9	0	0	4	0	1
0	0	0	0	472	28	4	1	3	0	0	508	5036	336	62	30	75	3	19

	C => B								C => C							
TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
38	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
56	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
63	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
113	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
270	8	0	0	0	0	0	0	8	2	0	0	0	0	0	0	2
116	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
118	8	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
119	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
509	13	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0
115	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
96	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
87	7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
95	6	1	0	0	0	0	0	7	1	0	0	0	0	0	0	1
393	15	1	0	0	0	0	0	16	1	0	0	0	0	0	0	1
98	5	0	1	0	0	0	0	6	0	0	0	0	0	0	0	0
69	8	2	0	0	0	0	0	10	2	0	0	0	0	0	0	2
68	5	1	0	0	0	0	0	6	1	0	0	0	0	0	0	1
95	12	0	0	0	0	0	0	12	1	0	0	0	0	0	0	1
330	30	3	1	0	0	0	0	34	4	0	0	0	0	0	0	4
78	10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
92	7	1	0	0	0	0	0	8	0	1	0	0	0	0	0	1
96	3	0	0	0	0	0	0	3	0	1	0	0	0	0	0	1
118	7	1	0	0	0	0	0	8	0	0	0	0	0	0	0	0
384	27	2	0	0	0	0	0	29	0	2	0	0	0	0	0	2
101	6	0	0	0	0	0	0	6	1	0	0	0	0	0	0	1
112	8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
118	7	1	0	0	0	0	0	8	0	0	0	0	0	0	0	0
94	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
425	27	2	0	0	0	0	0	29	1	0	0	0	0	0	0	1
116	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
136	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
114	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
127	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
493	5	2	0	0	0	0	0	7	0	0	0	0	0	0	0	0
136	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
108	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
129	2	0	0	0	0	0	0	2	1	1	0	0	0	0	0	2
111	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
484	13	1	0	0	0	0	0	14	1	1	0	0	0	0	0	2
106	4	0	0	0	0	0	0	4	1	0	0	0	0	0	0	1
113	3	1	0	0	0	0	0	4	1	0	0	0	0	0	0	1
109	8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
108	6	1	0	0	0	0	0	7	0	0	0	0	0	0	0	0
436	21	3	0	0	0	0	0	24	2	0	0	0	0	0	0	2
117	9	2	0	0	0	0	0	11	0	0	0	0	0	0	0	0
103	21	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0
131	6	1	0	0	0	0	0	7	0	0	0	0	0	0	0	0
130	11	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0
481	47	4	0	0	0	0	0	51	0	0	0	0	0	0	0	0
90	14	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0
107	11	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
124	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
128	16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
449	44	0	0	0	0	0	0	44	1	0	0	0	0	0	0	1
132	11	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0
109	11	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0
121	17	1	0	0	0	0	0	18	0	0	0	0	0	0	0	0
103	11	0	0	0	0	0	0	11	1	0	0	0	0	0	0	1
465	50	3	0	0	0	0	0	53	1	0	0	0	0	0	0	1
126	19	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0
116	13	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0
107	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
93	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
442	39	0	0	0	0	0	0	39	1	0	0	0	0	0	0	1
5561	339	21	1	0	0	0	0	361	14	3	0	0	0	0	0	17

Survey Name :	ITS J-372 Malahide
Site:	Site 3
Date:	12.12.2019
Time:	07:00 - 20:00
Location:	53.4508276,-6.1490066
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C, Peds

Irish Traffic Surveys

	A => A								A => B								
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR
07:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	35
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73
07:45	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7	80
H/TOT	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9	248
08:00	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9	91
08:15	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	115
08:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	62
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59
H/TOT	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	18	327
09:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	40
09:15	0	0	0	0	0	0	0	0	5	0	0	0	0	0	1	6	71
09:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	91
09:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	83
H/TOT	0	0	0	0	0	0	0	0	13	0	0	0	0	0	1	14	285
10:00	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9	61
10:15	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	92
10:30	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	67
10:45	0	0	0	0	0	0	0	0	8	0	2	1	0	0	0	11	60
H/TOT	0	0	0	0	0	0	0	0	24	0	2	1	0	0	0	27	280
11:00	0	0	0	0	0	0	0	0	4	2	1	0	0	0	0	7	85
11:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	75
11:30	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	81
11:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	79
H/TOT	0	0	0	0	0	0	0	0	13	2	1	0	0	0	0	16	320
12:00	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4	67
12:15	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	71
12:30	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	79
12:45	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4	74
H/TOT	0	0	0	0	0	0	0	0	15	2	0	0	0	0	0	17	291
13:00	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	78
13:15	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	89
13:30	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	53
13:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	68
H/TOT	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	20	288
14:00	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	89
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76
14:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	59
14:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	70
H/TOT	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11	294
15:00	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	75
15:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	73
15:30	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10	87
15:45	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	7	80
H/TOT	0	0	0	0	0	0	0	0	22	3	0	0	0	0	0	25	315
16:00	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4	90
16:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	89
16:30	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	91
16:45	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	70
H/TOT	0	0	0	0	0	0	0	0	13	1	0	0	0	0	0	14	340
17:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	85
17:15	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	79
17:30	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	80
17:45	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	83
H/TOT	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	19	327
18:00	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	78
18:15	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	78
18:30	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	59
18:45	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	78
H/TOT	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	20	293
19:00	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	73
19:15	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7	95
19:30	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	56
19:45	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	12	79
H/TOT	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	30	303
13 HR TOT	0	0	0	0	0	0	0	0	227	8	3	1	0	0	1	240	3911

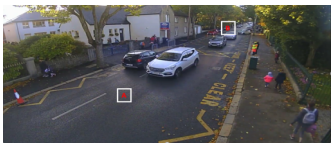
A => C							B => A								B => B			
LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2
3	1	0	3	0	0	42	4	0	0	0	0	0	0	4	0	0	0	0
1	0	0	4	0	0	65	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	3	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	2	0	0	83	3	0	0	0	0	0	0	3	0	0	0	0
5	1	0	12	0	0	266	8	0	0	0	0	0	0	8	0	0	0	0
2	0	0	3	0	0	96	6	1	0	0	0	0	0	7	0	0	0	0
6	1	0	1	0	0	123	6	0	0	0	0	0	0	6	0	0	0	0
4	2	0	3	0	0	71	1	0	0	0	0	0	0	1	0	0	0	0
6	0	0	1	0	0	66	7	0	0	0	0	0	0	7	0	0	0	0
18	3	0	8	0	0	356	20	1	0	0	0	0	0	21	0	0	0	0
5	0	0	0	0	0	45	15	0	0	0	0	0	0	15	0	0	0	0
9	1	3	2	0	0	86	9	0	0	0	0	0	0	9	0	0	0	0
5	1	0	2	0	0	99	8	0	0	0	0	0	0	8	0	0	0	0
10	2	0	0	0	0	95	10	1	1	0	0	0	0	12	0	0	0	0
29	4	3	4	0	0	325	42	1	1	0	0	0	0	44	0	0	0	0
5	2	1	2	0	0	71	1	0	0	0	1	0	0	2	0	0	0	0
4	1	1	1	0	0	99	6	0	0	0	0	0	0	6	0	0	0	0
9	2	3	1	0	0	82	8	2	0	0	0	0	0	10	0	0	0	0
6	1	0	1	0	0	68	8	2	1	0	0	0	0	11	0	0	0	0
24	6	5	5	0	0	320	23	4	1	0	1	0	0	29	0	0	0	0
5	1	2	1	1	0	95	8	0	0	0	0	0	0	8	0	0	0	0
9	3	1	1	0	0	89	6	0	0	0	0	0	0	6	0	0	0	0
5	2	1	1	1	0	91	6	1	0	0	0	0	0	7	0	0	0	0
14	4	0	1	0	2	100	7	3	0	0	0	0	0	10	0	0	0	0
33	10	4	4	2	2	375	27	4	0	0	0	0	0	31	0	0	0	0
8	2	1	1	0	0	79	9	0	0	0	0	0	0	9	0	0	0	0
6	0	2	1	0	0	80	6	1	0	0	0	0	0	7	0	0	0	0
8	3	0	1	0	1	92	10	2	0	0	0	0	0	12	0	0	0	0
12	0	1	2	0	0	89	5	0	0	0	0	0	0	5	0	0	0	0
34	5	4	5	0	1	340	30	3	0	0	0	0	0	33	0	0	0	0
18	1	1	2	1	0	101	5	0	0	0	0	0	0	5	0	0	0	0
11	1	0	1	0	0	102	6	0	0	0	0	0	0	6	0	0	0	0
3	2	1	2	0	0	61	11	0	0	0	0	0	0	11	0	0	0	0
6	1	4	0	0	0	79	18	0	0	0	0	0	0	18	0	0	0	0
38	5	6	5	1	0	343	40	0	0	0	0	0	0	40	0	0	0	0
5	1	1	5	0	0	101	21	0	1	0	0	0	0	22	0	0	0	0
8	2	1	1	0	0	88	1	0	1	0	0	0	0	2	0	0	0	0
7	1	0	0	0	1	68	20	0	1	0	0	0	0	21	0	0	0	0
8	2	2	1	1	1	85	42	0	0	0	0	0	0	42	0	0	0	0
28	6	4	7	1	2	342	84	0	3	0	0	0	0	87	0	0	0	0
4	2	0	3	0	0	84	12	0	1	0	0	0	0	13	0	0	0	0
19	1	3	0	0	0	96	7	0	0	0	0	0	0	7	0	0	0	0
9	2	1	0	0	0	99	11	1	0	0	0	0	0	12	0	0	0	0
11	3	1	0	0	0	95	7	1	0	0	0	0	0	8	0	0	0	0
43	8	5	3	0	0	374	37	2	1	0	0	0	0	40	0	0	0	0
4	0	0	2	0	0	96	23	0	0	0	0	0	0	23	0	0	0	0
8	2	0	3	0	0	102	19	1	0	0	0	0	0	20	0	0	0	0
9	2	0	1	0	0	103	14	0	0	0	0	0	0	14	0	0	0	0
6	0	0	1	0	0	77	11	0	0	0	0	0	0	11	0	0	0	0
27	4	0	7	0	0	378	67	1	0	0	0	0	0	68	0	0	0	0
7	0	0	0	0	0	92	20	0	0	0	0	0	0	20	0	0	0	0
5	1	1	4	0	0	90	14	0	0	0	0	0	0	14	0	0	0	0
4	0	0	1	0	0	85	19	0	0	0	0	0	0	19	0	0	0	0
3	0	0	2	0	0	88	12	0	0	0	0	0	0	12	0	0	0	0
19	1	1	7	0	0	355	65	0	0	0	0	0	0	65	0	0	0	0
5	0	0	3	0	0	86	16	0	0	0	0	0	0	16	0	0	0	0
3	0	0	0	0	0	81	12	0	0	0	0	0	0	12	0	0	0	0
3	0	0	1	0	0	63	11	0	0	0	0	0	0	11	0	0	0	0
2	0	0	2	0	0	82	10	0	0	0	0	0	0	10	0	0	0	0
13	0	0	6	0	0	312	49	0	0	0	0	0	0	49	0	0	0	0
3	0	0	3	0	0	79	12	0	0	0	0	0	0	12	0	0	0	0
1	0	0	0	0	0	96	7	0	0	0	0	0	0	7	0	0	0	0
1	0	1	1	0	0	59	12	0	0	0	0	0	0	12	0	0	0	0
2	0	0	3	0	0	84	16	0	0	0	0	0	0	16	0	0	0	0
7	0	1	7	0	0	318	47	0	0	0	0	0	0	47	0	0	0	0
318	53	33	80	4	5	4404	539	16	6	0	1	0	0	562	0	0	0	0

				B => C								C => A						
PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C
0	0	0	0	10	0	0	0	0	0	0	10	27	1	0	1	2	0	0
0	0	0	0	7	0	0	0	0	0	0	7	35	4	2	1	2	0	0
0	0	0	0	13	0	0	0	0	0	0	13	45	5	1	0	3	0	0
0	0	0	0	10	0	0	0	0	0	0	10	76	5	2	0	6	0	0
0	0	0	0	40	0	0	0	0	0	0	40	183	15	5	2	13	0	0
0	0	0	0	13	0	0	0	0	0	0	13	78	4	2	1	3	0	0
0	0	0	0	13	0	0	1	0	0	0	14	91	4	0	0	1	0	1
0	0	0	0	20	0	0	0	0	0	0	20	70	7	0	0	1	0	0
0	0	0	0	20	1	0	0	0	0	0	21	110	7	0	0	1	0	0
0	0	0	0	66	1	0	1	0	0	0	68	349	22	2	1	6	0	1
0	0	0	0	18	2	0	0	0	0	0	20	88	5	0	0	1	0	1
0	0	0	0	17	1	0	0	0	0	2	20	60	5	0	0	4	0	0
0	0	0	0	4	1	0	0	0	0	0	5	63	10	0	0	2	0	1
0	0	0	0	5	0	0	0	0	0	0	5	56	17	0	1	1	0	0
0	0	0	0	44	4	0	0	0	0	2	50	267	37	0	1	8	0	2
0	0	0	0	6	0	0	0	0	0	0	6	74	6	0	0	2	0	0
0	0	0	0	12	1	0	0	0	0	0	13	61	1	0	0	0	0	0
0	0	0	0	12	0	0	0	0	0	0	12	46	5	0	0	1	0	0
0	0	0	0	10	0	1	0	0	0	0	11	131	16	0	1	2	0	1
0	0	0	0	40	1	1	0	0	0	0	42	312	28	0	1	5	0	1
0	0	0	0	8	0	0	0	0	0	0	8	58	9	0	1	2	0	0
0	0	0	0	10	1	0	0	0	0	0	11	67	6	0	2	0	0	2
0	0	0	0	2	0	0	0	0	0	0	2	53	12	0	0	0	0	1
0	0	0	0	16	1	0	0	0	0	0	17	70	9	0	2	1	0	0
0	0	0	0	36	2	0	0	0	0	0	38	248	36	0	5	3	0	3
0	0	0	0	15	0	0	0	0	0	0	15	69	6	0	1	1	0	1
0	0	0	0	14	2	0	0	0	0	0	16	94	9	0	0	1	0	0
0	0	0	0	2	1	0	0	0	0	0	3	98	1	0	2	1	0	0
0	0	0	0	13	1	0	0	0	0	0	14	76	7	0	0	0	0	1
0	0	0	0	44	4	0	0	0	0	0	48	337	23	0	3	3	0	2
0	0	0	0	11	0	0	0	0	0	0	11	78	8	0	0	2	1	0
0	0	0	0	4	12	0	0	0	0	0	16	93	2	0	1	0	0	0
0	0	0	0	17	0	0	1	0	0	0	18	78	11	0	1	1	0	0
0	0	0	0	21	0	0	0	0	0	0	21	98	10	0	1	1	0	0
0	0	0	0	53	12	0	1	0	0	0	66	347	31	0	3	4	1	0
0	0	0	0	12	1	0	0	0	0	0	13	90	5	0	0	2	0	0
0	0	0	0	11	3	0	0	0	0	0	14	70	5	0	1	2	0	0
0	0	0	0	16	2	0	0	0	0	0	18	102	8	0	1	0	0	0
0	0	0	0	9	0	1	0	0	0	0	10	83	6	0	2	1	0	0
0	0	0	0	48	6	1	0	0	0	0	55	345	24	0	4	5	0	0
0	0	0	0	10	0	0	0	0	0	0	10	84	11	0	1	1	0	0
0	0	0	0	18	2	0	0	0	0	0	20	92	2	0	1	2	0	0
0	0	0	0	14	0	0	0	0	0	0	14	84	4	0	0	1	0	1
0	0	0	0	14	0	0	0	0	0	0	14	80	10	0	0	2	0	0
0	0	0	0	56	2	0	0	0	0	0	58	340	27	0	2	6	0	1
0	0	0	0	12	0	0	0	0	0	0	12	93	7	0	1	0	0	0
0	0	0	0	13	0	0	0	0	0	0	13	90	4	0	0	3	0	0
0	0	0	0	13	1	0	0	0	0	0	14	101	6	0	0	3	0	1
0	0	0	0	9	4	0	0	0	0	0	13	98	2	0	1	2	0	1
0	0	0	0	47	5	0	0	0	0	0	52	382	19	0	2	8	0	2
0	0	0	0	9	0	0	0	0	0	0	9	76	4	0	0	1	0	0
0	0	0	0	10	0	0	0	0	0	0	10	79	0	0	0	2	0	0
0	0	0	0	10	0	0	0	0	0	0	10	89	3	0	0	0	0	0
0	0	0	0	11	1	0	0	0	0	0	12	101	2	0	0	0	0	0
0	0	0	0	40	1	0	0	0	0	0	41	345	9	0	0	3	0	0
0	0	0	0	19	0	0	0	0	0	0	19	92	3	0	0	1	0	0
0	0	0	0	12	0	0	0	0	0	0	12	80	4	0	0	2	0	1
0	0	0	0	9	0	0	0	0	0	0	9	99	2	0	0	1	0	0
0	0	0	0	21	0	0	0	0	0	0	21	80	1	0	0	0	0	0
0	0	0	0	61	0	0	0	0	0	0	61	351	10	0	0	4	0	1
0	0	0	0	9	0	0	0	0	0	0	9	79	2	0	0	1	0	0
0	0	0	0	10	0	0	0	0	0	0	10	84	2	0	0	1	0	0
0	0	0	0	15	0	0	0	0	0	0	15	68	2	0	0	0	0	0
0	0	0	0	12	0	0	0	0	0	0	12	40	0	0	0	1	0	0
0	0	0	0	46	0	0	0	0	0	0	46	271	6	0	0	3	0	0
0	0	0	0	621	38	2	2	0	0	2	665	4077	287	7	24	71	1	13

	C => B								C => C							
TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
31	5	0	0	0	0	0	0	5	0	0	0	1	0	0	0	1
44	6	2	1	0	0	0	0	9	0	0	0	0	0	0	0	0
54	8	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
89	17	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0
218	36	2	1	0	0	0	0	39	0	0	0	1	0	0	0	1
88	19	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0
97	21	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0
78	38	1	0	0	0	0	0	39	0	0	0	0	0	0	0	0
118	50	1	0	0	0	0	0	51	0	0	0	0	0	0	0	0
381	128	2	0	0	0	0	0	130	0	0	0	0	0	0	0	0
95	24	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0
69	15	1	0	0	0	0	0	16	0	0	0	0	0	0	0	0
76	10	2	0	0	0	0	0	12	0	0	0	0	0	0	0	0
75	11	0	0	0	0	0	0	11	1	0	0	0	0	0	0	1
315	60	3	0	0	0	0	0	63	1	0	0	0	0	0	0	1
82	9	0	0	0	0	0	0	9	1	0	0	0	0	0	0	1
62	8	0	0	0	0	0	0	8	1	0	0	0	0	0	0	1
52	14	1	0	0	0	0	0	15	0	0	0	0	0	0	0	0
151	17	0	0	0	0	0	0	17	2	0	0	0	0	0	0	2
347	48	1	0	0	0	0	0	49	4	0	0	0	0	0	0	4
70	11	0	0	0	0	0	0	11	1	0	0	0	0	0	0	1
77	10	0	1	0	0	0	0	11	1	0	0	0	0	0	0	1
66	9	3	1	0	0	0	0	13	2	0	0	0	0	0	0	2
82	11	0	0	0	0	0	0	11	1	0	0	0	0	0	0	1
295	41	3	2	0	0	0	0	46	5	0	0	0	0	0	0	5
78	20	1	0	0	0	0	0	21	0	0	0	0	0	0	0	0
104	16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
102	18	2	0	0	0	0	0	20	0	0	0	0	0	0	0	0
84	17	3	0	0	0	0	0	20	0	0	0	0	0	0	0	0
368	71	6	0	0	0	0	0	77	0	0	0	0	0	0	0	0
89	25	2	0	0	0	0	0	27	1	0	0	0	0	0	0	1
96	28	0	1	1	0	1	0	31	0	0	0	0	0	0	0	0
91	22	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0
110	20	1	1	0	0	0	0	22	0	0	0	0	0	0	0	0
386	95	3	2	1	0	1	0	102	1	0	0	0	0	0	0	1
97	33	1	0	0	0	0	0	34	1	0	0	0	0	0	0	1
78	20	2	0	0	1	0	0	23	2	0	0	0	0	0	0	2
111	28	1	0	0	0	0	0	29	0	0	0	0	0	0	0	0
92	13	0	1	0	0	0	0	14	0	0	0	0	0	0	0	0
378	94	4	1	0	1	0	0	100	3	0	0	0	0	0	0	3
97	15	1	0	0	0	0	0	16	0	0	0	0	0	0	0	0
97	13	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0
90	14	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0
92	16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
376	58	1	0	0	0	0	0	59	0	0	0	0	0	0	0	0
101	20	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0
97	18	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0
111	13	1	0	0	0	0	0	14	0	0	0	0	0	0	0	0
104	17	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0
413	68	1	0	0	0	0	0	69	0	0	0	0	0	0	0	0
81	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
81	8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
92	14	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0
103	15	0	0	0	0	0	0	15	1	0	0	0	0	0	0	1
357	42	1	0	0	0	0	0	43	1	0	0	0	0	0	0	1
96	19	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0
87	7	1	0	0	0	0	0	8	0	0	0	0	0	0	0	0
102	13	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0
81	16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
366	55	1	0	0	0	0	0	56	0	0	0	0	0	0	0	0
82	18	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0
87	20	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0
70	27	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0
41	19	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0
280	84	0	0	0	0	0	0	84	0	0	0	0	0	0	0	0
4480	880	28	6	1	1	1	0	917	15	0	0	1	0	0	0	16

Survey Name :	ITS J-372 Malahide
Site:	Site 3
Date:	12.12.2019
Time:	07:00 - 20:00
Location:	53.4489025,-6.1531956
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C, Peds

Irish Traffic Surveys

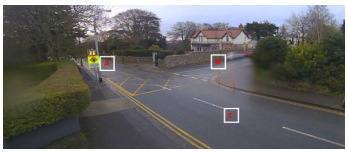


	A => A								A => B									
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV
07:00	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	8	1
07:15	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	20	29	0
07:30	1	0	0	0	0	0	0	1	26	0	0	0	2	0	0	28	25	2
07:45	0	0	0	0	0	0	0	0	29	2	0	0	1	0	0	32	41	1
H/TOT	1	0	0	0	0	0	0	1	83	2	0	0	3	0	0	88	103	4
08:00	0	0	0	0	0	0	0	0	50	2	1	0	0	0	0	53	42	0
08:15	0	0	0	0	0	0	0	0	106	4	0	0	2	0	0	112	75	2
08:30	0	0	0	0	0	0	0	0	108	1	2	0	0	0	0	111	72	4
08:45	0	0	0	0	0	0	0	0	63	1	0	0	2	0	0	66	88	3
H/TOT	0	0	0	0	0	0	0	0	327	8	3	0	4	0	0	342	277	9
09:00	0	0	0	0	0	0	0	0	65	1	1	0	0	0	0	67	86	3
09:15	0	0	0	0	0	0	0	0	47	1	0	0	1	0	0	49	76	2
09:30	0	0	0	0	0	0	0	0	20	2	0	0	0	0	1	23	54	5
09:45	0	0	0	0	0	0	0	0	21	5	1	0	2	0	0	29	46	5
H/TOT	0	0	0	0	0	0	0	0	153	9	2	0	3	0	1	168	262	15
10:00	0	0	0	0	0	0	0	0	30	6	0	0	0	0	0	36	51	8
10:15	0	0	0	0	0	0	0	0	32	3	0	0	1	0	0	36	48	1
10:30	1	0	0	0	0	0	0	1	28	4	1	0	1	0	0	34	48	2
10:45	2	0	0	0	0	0	0	2	32	1	1	0	0	0	0	34	50	7
H/TOT	3	0	0	0	0	0	0	3	122	14	2	0	2	0	0	140	197	18
11:00	0	0	0	0	0	0	0	0	27	1	4	0	1	0	0	33	52	1
11:15	0	0	0	0	0	0	0	0	31	2	1	0	0	0	0	34	44	4
11:30	0	0	0	0	0	0	0	0	34	5	0	0	0	0	0	39	56	7
11:45	0	0	0	0	0	0	0	0	38	2	0	0	1	0	0	41	42	3
H/TOT	0	0	0	0	0	0	0	0	130	10	5	0	2	0	0	147	194	15
12:00	0	0	0	0	0	0	0	0	29	1	1	0	0	0	0	31	52	4
12:15	0	0	0	0	0	0	0	0	45	2	1	0	1	0	0	49	57	4
12:30	0	0	0	0	0	0	0	0	32	2	0	0	1	1	0	36	43	4
12:45	0	0	0	0	0	0	0	0	34	2	0	0	0	0	0	36	50	3
H/TOT	0	0	0	0	0	0	0	0	140	7	2	0	2	1	0	152	202	15
13:00	0	0	0	0	0	0	0	0	44	5	0	0	0	0	0	49	62	8
13:15	0	0	0	0	0	0	0	0	41	6	2	1	1	0	0	51	50	1
13:30	1	0	0	0	0	0	0	1	29	3	1	0	2	0	0	35	47	3
13:45	1	0	0	0	0	0	0	1	49	5	1	0	1	0	0	56	60	4
H/TOT	2	0	0	0	0	0	0	2	163	19	4	1	4	0	0	191	219	16
14:00	0	0	0	0	0	0	0	0	28	4	0	0	0	0	0	32	57	2
14:15	0	0	0	0	0	0	0	0	43	3	1	0	1	0	0	48	48	6
14:30	0	0	0	0	0	0	0	0	47	1	0	0	1	0	0	49	69	7
14:45	0	0	0	0	0	0	0	0	53	4	0	0	1	0	0	58	75	7
H/TOT	0	0	0	0	0	0	0	0	171	12	1	0	3	0	0	187	249	22
15:00	1	0	0	0	0	0	0	1	42	1	0	0	0	0	0	43	40	6
15:15	0	0	0	0	0	0	0	0	39	6	0	0	1	0	0	46	58	5
15:30	0	0	0	0	0	0	0	0	58	2	0	0	0	0	0	60	52	2
15:45	0	0	0	0	0	0	0	0	68	1	1	0	0	0	0	70	64	5
H/TOT	1	0	0	0	0	0	0	1	207	10	1	0	1	0	0	219	214	18
16:00	0	0	0	0	0	0	0	0	41	0	0	0	1	0	0	42	88	2
16:15	0	0	0	0	0	0	0	0	33	3	0	0	0	0	0	36	59	5
16:30	0	0	0	0	0	0	0	0	34	1	0	0	2	0	0	37	66	3
16:45	0	0	0	0	0	0	0	0	38	1	0	0	0	0	0	39	54	1
H/TOT	0	0	0	0	0	0	0	0	146	5	0	0	3	0	0	154	267	11
17:00	1	0	0	0	0	0	0	1	52	5	0	0	1	0	0	58	59	1
17:15	0	0	0	0	0	0	0	0	31	2	0	0	0	0	0	33	54	2
17:30	0	0	0	0	0	0	0	0	46	1	0	0	1	0	0	48	67	1
17:45	0	0	0	0	0	0	0	0	43	1	0	0	1	0	0	45	49	1
H/TOT	1	0	0	0	0	0	0	1	172	9	0	0	3	0	0	184	229	5
18:00	0	0	0	0	0	0	0	0	41	0	0	0	1	0	0	42	60	5
18:15	0	0	0	0	0	0	0	0	35	1	0	0	2	0	0	38	64	0
18:30	0	0	0	0	0	0	0	0	46	2	0	0	2	0	0	50	57	2
18:45	0	0	0	0	0	0	0	0	46	0	0	0	3	0	0	49	66	2
H/TOT	0	0	0	0	0	0	0	0	168	3	0	0	8	0	0	179	247	9
19:00	0	0	0	0	0	0	0	0	52	0	0	0	2	0	0	54	58	0
19:15	0	0	0	0	0	0	0	0	44	0	0	0	1	0	0	45	47	3
19:30	0	0	0	0	0	0	0	0	36	1	0	0	1	0	0	38	55	0
19:45	1	0	0	0	0	0	0	1	42	0	0	0	1	0	0	43	43	0
H/TOT	1	0	0	0	0	0	0	1	174	1	0	0	5	0	0	180	203	3
13 HR TOT	9	0	0	0	0	0	0	9	2156	109	20	1	43	1	1	2331	2863	160

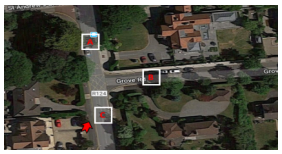
B => A						B => B							
OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	9	0	0	0	0	0	0	0	0
0	0	2	0	0	31	0	0	0	0	0	0	0	0
0	0	3	0	1	31	0	0	0	0	0	0	0	0
0	0	2	0	0	44	0	0	0	0	0	0	0	0
0	0	7	0	1	115	0	0	0	0	0	0	0	0
1	0	4	0	0	47	0	0	0	0	0	0	0	0
0	0	1	0	0	78	0	0	0	0	0	0	0	0
0	0	1	0	0	77	0	0	0	0	0	0	0	0
0	0	1	0	0	92	0	0	0	0	0	0	0	0
1	0	7	0	0	294	0	0	0	0	0	0	0	0
0	0	0	0	0	89	0	0	0	0	0	0	0	0
0	0	1	0	0	79	0	0	0	0	0	0	0	0
1	0	1	0	0	61	0	0	0	0	0	0	0	0
0	0	0	0	0	51	0	0	0	0	0	0	0	0
1	0	2	0	0	280	0	0	0	0	0	0	0	0
0	0	0	0	0	59	0	0	0	0	0	0	0	0
1	0	1	0	0	51	0	0	0	0	0	0	0	0
0	0	0	0	0	50	0	0	0	0	0	0	0	0
0	0	1	0	0	58	0	0	0	0	0	0	0	0
1	0	2	0	0	218	0	0	0	0	0	0	0	0
4	0	0	0	0	57	0	0	0	0	0	0	0	0
2	0	1	0	0	51	0	0	0	0	0	0	0	0
1	0	0	0	0	64	1	0	0	0	0	0	0	1
0	0	1	0	0	46	0	0	0	0	0	0	0	0
7	0	2	0	0	218	1	0	0	0	0	0	0	1
1	0	0	0	1	58	0	0	0	0	0	0	0	0
0	0	1	1	0	63	0	0	0	0	0	0	0	0
0	0	0	0	0	47	0	0	0	0	0	0	0	0
1	0	1	0	0	55	0	0	0	0	0	0	0	0
2	0	2	1	1	223	0	0	0	0	0	0	0	0
2	0	0	1	0	73	0	0	0	0	0	0	0	0
1	0	1	0	0	53	0	0	0	0	0	0	0	0
0	1	0	0	0	51	0	0	0	0	0	0	0	0
1	0	3	0	0	68	0	1	0	0	0	0	0	1
4	1	4	1	0	245	0	1	0	0	0	0	0	1
0	0	0	0	0	59	0	0	0	0	0	0	0	0
1	0	1	0	0	56	0	0	0	0	0	0	0	0
0	0	1	0	0	77	0	0	0	0	0	0	0	0
1	0	1	0	0	84	1	0	0	0	0	0	0	1
2	0	3	0	0	276	1	0	0	0	0	0	0	1
0	0	0	0	0	46	0	0	0	0	0	0	0	0
0	0	1	0	1	65	0	0	0	0	0	0	0	0
0	0	0	0	0	54	0	0	0	0	0	0	0	0
0	0	1	0	0	70	1	0	0	0	0	0	0	1
0	0	2	0	1	235	1	0	0	0	0	0	0	1
0	0	0	0	2	92	0	0	0	0	0	0	0	0
0	0	1	0	0	65	0	0	0	0	0	0	0	0
0	0	1	0	0	70	0	0	0	0	0	0	0	0
0	0	1	0	1	57	0	0	0	0	0	0	0	0
0	0	3	0	3	284	0	0	0	0	0	0	0	0
0	0	0	0	0	60	0	0	0	0	0	0	0	0
1	0	1	0	0	58	0	0	0	0	0	0	0	0
0	0	1	0	0	69	0	0	0	0	0	0	0	0
1	0	0	0	0	51	0	0	0	0	0	0	0	0
2	0	2	0	0	238	0	0	0	0	0	0	0	0
0	0	1	0	3	69	0	0	0	0	0	0	0	0
0	0	1	0	0	65	0	0	0	0	0	0	0	0
0	0	0	0	0	59	0	0	0	0	0	0	0	0
0	0	1	0	0	69	0	0	0	0	0	0	0	0
0	0	3	0	3	262	0	0	0	0	0	0	0	0
0	0	1	0	0	59	0	0	0	0	0	0	0	0
0	0	1	0	0	51	0	0	0	0	0	0	0	0
0	0	0	0	0	55	0	0	0	0	0	0	0	0
1	0	1	0	0	45	0	0	0	0	0	0	0	0
1	0	3	0	0	210	0	0	0	0	0	0	0	0
21	1	42	2	9	3098	3	1	0	0	0	0	0	4

Survey Name :	ITS J-372 Malahide
Site:	Site 3
Date:	12.12.2019
Time:	07:00 - 20:00
Location:	53.4473207,-6.1528574
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C, Peds

Irish Traffic Surveys



	A => A								A => B								
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17
07:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	25
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	86
08:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	39
08:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	102
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67
H/TOT	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	314
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77
09:15	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	46
09:30	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	21
09:45	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3	10
H/TOT	0	0	0	0	0	0	0	0	10	1	1	0	0	0	0	12	154
10:00	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	20
10:15	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	19
10:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	24
10:45	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6	28
H/TOT	0	0	0	0	0	0	0	0	17	1	0	0	0	0	0	18	91
11:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	24
11:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	29
11:30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	31
11:45	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	32
H/TOT	0	0	0	0	0	0	0	0	7	2	0	0	0	0	0	9	116
12:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	31
12:15	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	5	32
12:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	36
12:45	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	29
H/TOT	0	0	0	0	0	0	0	0	10	2	1	0	0	0	0	13	128
13:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	41
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41
H/TOT	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	159
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167
15:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	38
15:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	39
15:30	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5	39
15:45	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	75
H/TOT	0	0	0	0	0	0	0	0	14	1	0	0	0	0	0	15	191
16:00	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	28
16:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	28
16:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	31
16:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	31
H/TOT	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	14	118
17:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	60
17:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	32
17:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	38
17:45	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	42
H/TOT	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11	172
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42
18:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	31
18:30	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	34
18:45	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	42
H/TOT	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	12	149
19:00	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	44
19:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	42
19:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	31
19:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	36
H/TOT	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11	153
13 HR TOT	0	0	0	0	0	0	0	0	112	8	2	0	0	0	0	122	1998



A => C							B => A								B => B			
LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2
0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	18	3	0	0	0	0	0	0	3	0	0	0	0
0	0	0	2	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	2	0	0	37	1	1	0	0	0	0	0	2	0	0	0	0
3	0	0	4	0	0	93	4	1	0	0	0	0	0	5	0	0	0	0
4	0	0	0	0	0	43	4	0	0	0	0	0	0	4	0	0	0	0
4	0	0	2	0	1	109	1	1	0	0	0	0	0	2	0	0	0	0
2	1	0	0	0	0	109	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	2	0	0	72	0	0	0	0	0	0	0	0	0	0	0	0
12	2	0	4	0	1	333	5	1	0	0	0	0	0	6	0	0	0	0
3	1	0	0	0	0	81	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	48	7	0	0	0	0	0	0	7	0	0	0	0
1	0	0	0	0	0	22	12	0	0	0	0	0	0	12	0	0	0	0
1	0	0	2	0	0	13	4	1	0	0	0	0	0	5	0	0	0	0
6	1	0	3	0	0	164	23	1	0	0	0	0	0	24	0	0	0	0
6	0	0	0	0	0	26	2	0	0	0	0	0	0	2	0	0	0	0
1	0	0	1	0	0	21	3	0	0	0	0	0	0	3	0	0	0	0
4	1	0	0	0	0	29	7	0	0	0	0	0	0	7	0	0	0	0
0	1	0	1	0	0	30	3	1	0	0	0	0	0	4	0	0	0	0
11	2	0	2	0	0	106	15	1	0	0	0	0	0	16	0	0	0	0
1	3	0	0	0	0	28	3	0	0	0	0	0	0	3	0	0	0	0
1	1	0	1	0	0	32	5	0	0	0	0	0	0	5	0	0	0	0
5	0	0	0	0	0	36	5	0	0	0	0	0	0	5	0	0	0	0
2	0	0	1	0	0	35	5	1	0	0	0	0	0	6	0	0	0	0
9	4	0	2	0	0	131	18	1	0	0	0	0	0	19	0	0	0	0
0	1	0	0	0	0	32	4	0	0	0	0	0	0	4	0	0	0	0
1	0	0	0	0	0	33	5	0	0	0	0	0	0	5	0	0	0	0
1	0	0	0	1	0	38	7	1	0	0	0	0	0	8	0	0	0	0
2	0	0	0	0	0	31	3	0	0	0	0	0	0	3	0	0	0	0
4	1	0	0	1	0	134	19	1	0	0	0	0	0	20	0	0	0	0
4	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0
7	1	0	1	0	0	53	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	9	1	0	47	0	0	0	0	0	0	0	0	0	0	0	0
6	1	0	3	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0
20	3	0	13	1	0	196	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	1	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	1	0	0	42	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	1	0	0	63	10	0	0	0	0	0	0	10	0	0	0	0
11	1	0	3	0	0	182	10	0	0	0	0	0	0	10	0	0	0	0
2	0	0	0	0	0	40	4	0	0	0	0	0	0	4	0	0	0	0
4	1	0	0	0	0	44	2	0	0	0	0	0	0	2	0	0	0	0
1	0	0	1	0	0	41	6	1	0	0	0	0	0	7	0	0	0	0
2	0	0	0	0	0	77	8	0	0	0	0	0	0	8	0	0	0	0
9	1	0	1	0	0	202	20	1	0	0	0	0	0	21	0	0	0	0
0	0	0	1	0	0	29	9	0	0	0	0	0	0	9	0	0	0	0
5	0	0	0	0	0	33	7	3	0	0	0	0	0	10	0	0	0	0
0	0	0	2	0	0	33	9	0	0	0	0	0	0	9	0	0	0	0
3	0	0	0	0	0	34	3	0	0	0	0	0	0	3	0	0	0	0
8	0	0	3	0	0	129	28	3	0	0	0	0	0	31	0	0	0	0
5	0	0	1	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	35	7	1	0	0	0	0	0	8	0	0	0	0
2	0	0	1	0	0	41	3	0	0	0	0	0	0	3	0	0	0	0
1	0	0	1	0	0	44	2	0	0	0	0	0	0	2	0	0	0	0
11	0	0	3	0	0	186	12	1	0	0	0	0	0	13	0	0	0	0
1	0	0	1	0	0	44	2	0	0	0	0	0	0	2	0	0	0	0
0	0	0	2	0	0	33	7	0	0	0	0	0	0	7	0	0	0	0
3	0	0	2	0	0	39	6	0	0	0	0	0	0	6	0	0	0	0
2	0	0	3	0	0	47	4	0	0	0	0	0	0	4	0	0	0	0
6	0	0	8	0	0	163	19	0	0	0	0	0	0	19	0	0	0	0
0	0	0	2	0	0	46	11	0	0	0	0	0	0	11	0	0	0	0
0	0	0	0	0	0	42	7	2	0	0	0	0	0	9	0	0	0	0
1	0	0	2	0	0	34	5	0	0	0	0	0	0	5	0	0	0	0
0	0	0	1	0	0	37	1	0	0	0	0	0	0	1	0	0	0	0
1	0	0	5	0	0	159	24	2	0	0	0	0	0	26	0	0	0	0
111	15	0	51	2	1	2178	197	13	0	0	0	0	0	210	0	0	0	0

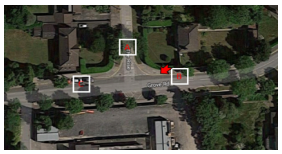
				B => C								C => A						
PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C
0	0	0	0	1	1	0	0	0	0	0	2	89	1	0	0	1	0	0
0	0	0	0	9	1	0	0	0	0	0	10	26	0	0	0	2	0	0
0	0	0	0	5	0	0	0	0	0	0	5	25	2	0	0	3	0	0
0	0	0	0	11	0	0	0	0	0	0	11	33	2	1	0	2	0	2
0	0	0	0	26	2	0	0	0	0	0	28	173	5	1	0	8	0	2
0	0	0	0	25	3	0	0	0	0	0	28	42	1	2	0	3	0	0
0	0	0	0	27	1	0	0	0	0	0	28	74	2	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	1	87	3	0	0	2	0	0
0	0	0	0	0	0	0	0	0	0	0	0	96	6	0	0	1	0	0
0	0	0	0	53	4	0	0	0	0	0	57	299	12	2	0	6	0	0
0	0	0	0	0	0	0	0	0	0	0	0	83	4	0	0	0	0	0
0	0	0	0	25	3	0	0	0	0	0	28	52	3	0	0	1	0	0
0	0	0	0	38	1	0	0	0	0	0	39	42	4	1	0	1	0	0
0	0	0	0	21	0	0	0	0	0	0	21	41	4	0	0	0	0	0
0	0	0	0	84	4	0	0	0	0	0	88	218	15	1	0	2	0	0
0	0	0	0	19	0	0	0	0	0	0	19	38	4	0	0	0	0	0
0	0	0	0	18	1	0	0	0	0	0	19	40	0	1	0	1	0	0
0	0	0	0	19	3	0	0	0	0	0	22	35	3	0	0	0	0	0
0	0	0	0	22	1	0	1	0	0	0	24	47	6	0	0	1	0	0
0	0	0	0	78	5	0	1	0	0	0	84	160	13	1	0	2	0	0
0	0	0	0	29	1	0	0	0	0	0	30	43	1	3	0	0	0	0
0	0	0	0	23	6	2	0	0	0	0	31	38	3	1	0	1	0	1
0	0	0	0	13	2	1	0	0	0	0	16	51	9	1	0	0	0	0
0	0	0	0	27	1	1	0	0	0	0	29	46	2	0	0	1	0	0
0	0	0	0	92	10	4	0	0	0	0	106	178	15	5	0	2	0	1
0	0	0	0	24	2	0	0	0	0	0	26	41	2	0	0	0	0	1
0	0	0	0	20	0	0	1	0	0	0	21	52	5	0	0	1	0	0
0	0	0	0	24	5	0	0	0	0	0	29	35	3	0	0	0	0	0
0	0	0	0	19	2	0	0	0	0	0	21	44	3	1	0	1	0	0
0	0	0	0	87	9	0	1	0	0	0	97	172	13	1	0	2	0	1
0	0	0	0	2	0	0	0	0	0	0	2	62	7	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	57	1	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	48	4	0	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0	51	5	0	0	2	0	0
0	0	0	0	2	0	0	0	0	0	0	2	218	17	2	0	4	0	0
0	0	0	0	0	0	0	0	0	0	0	0	58	3	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	50	4	2	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	68	8	0	0	1	0	0
0	0	0	0	11	1	0	0	0	0	0	12	55	5	1	0	1	0	0
0	0	0	0	11	1	0	0	0	0	0	12	231	20	3	0	2	0	0
0	0	0	0	4	0	0	0	0	0	0	4	39	5	1	0	0	0	0
0	0	0	0	17	0	0	0	0	0	0	17	48	5	0	0	1	0	1
0	0	0	0	24	3	0	0	0	0	0	27	44	2	0	0	0	0	0
0	0	0	0	36	1	0	0	0	0	0	37	58	3	0	0	1	0	0
0	0	0	0	81	4	0	0	0	0	0	85	189	15	1	0	2	0	1
0	0	0	0	32	4	0	0	0	0	0	36	82	2	1	0	0	0	2
0	0	0	0	30	3	0	0	0	0	0	33	56	1	0	0	1	0	0
0	0	0	0	34	2	0	0	0	0	0	36	48	4	0	0	1	0	0
0	0	0	0	26	1	0	0	0	0	0	27	45	4	0	0	1	0	0
0	0	0	0	122	10	0	0	0	0	0	132	231	11	1	0	3	0	2
0	0	0	0	29	1	0	0	0	0	0	30	52	2	0	0	0	0	0
0	0	0	0	18	1	1	0	0	0	0	20	48	6	0	0	1	0	0
0	0	0	0	23	0	1	0	0	0	0	24	65	2	0	0	1	0	0
0	0	0	0	33	0	0	0	0	0	0	33	51	3	1	0	0	0	0
0	0	0	0	103	2	2	0	0	0	0	107	216	13	1	0	2	0	0
0	0	0	0	32	0	0	0	0	0	0	32	53	4	0	0	1	0	1
0	0	0	0	29	0	0	0	0	0	0	29	55	2	0	0	1	0	1
0	0	0	0	24	0	0	0	0	0	0	24	54	2	0	0	0	0	0
0	0	0	0	29	0	0	0	0	0	0	29	61	3	0	0	1	0	0
0	0	0	0	114	0	0	0	0	0	0	114	223	11	0	0	3	0	2
0	0	0	0	43	0	0	0	0	0	0	43	52	0	0	0	1	0	0
0	0	0	0	41	3	0	0	0	0	0	44	45	1	0	0	1	0	0
0	0	0	0	28	2	0	0	0	0	0	30	46	0	0	0	0	0	0
0	0	0	0	12	0	0	0	0	0	0	12	36	0	0	0	1	0	0
0	0	0	0	124	5	0	0	0	0	0	129	179	1	0	0	3	0	0
0	0	0	0	977	56	6	2	0	0	0	1041	2687	161	19	0	41	0	9

	C => B								C => C							
TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
91	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
28	5	2	0	0	0	0	0	7	0	0	0	0	0	0	0	0
30	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
40	8	4	0	0	0	0	0	12	0	0	0	0	0	0	0	0
189	25	6	0	0	0	0	0	31	0	0	0	0	0	0	0	0
48	14	1	0	0	0	0	0	15	0	0	0	0	0	0	0	0
76	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
319	23	1	0	0	0	0	0	24	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
48	10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
45	15	1	0	0	0	0	0	16	0	0	0	0	0	0	0	0
236	32	1	0	0	0	0	0	33	0	0	0	0	0	0	0	0
42	14	2	0	0	0	0	0	16	0	0	0	0	0	0	0	0
42	10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
38	12	1	0	0	0	0	0	13	0	0	0	0	0	0	0	0
54	12	4	1	0	0	0	0	17	0	0	0	0	0	0	0	0
176	48	7	1	0	0	0	0	56	0	0	0	0	0	0	0	0
47	18	1	0	1	0	0	0	20	0	0	0	0	0	0	0	0
44	13	1	0	0	0	0	0	14	0	0	0	0	0	0	0	0
61	11	1	1	0	0	0	0	13	0	0	0	0	0	0	0	0
49	10	2	0	0	0	0	0	12	0	0	0	0	0	0	0	0
201	52	5	1	1	0	0	0	59	0	0	0	0	0	0	0	0
44	19	1	1	0	0	0	0	21	0	0	0	0	0	0	0	0
58	18	2	0	0	0	0	0	20	0	0	0	0	0	0	0	0
38	12	1	0	0	0	0	0	13	0	0	0	0	0	0	0	0
49	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
189	51	4	1	0	0	0	0	56	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
241	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
62	11	0	1	0	0	0	0	12	0	0	0	0	0	0	0	0
256	11	0	1	0	0	0	0	12	0	0	0	0	0	0	0	0
45	17	1	0	0	0	0	0	18	0	0	0	0	0	0	0	0
55	20	0	0	0	0	1	0	21	0	0	0	0	0	0	0	0
46	15	1	0	0	0	0	0	16	0	0	0	0	0	0	0	0
62	16	2	0	0	0	0	0	18	0	0	0	0	0	0	0	0
208	68	4	0	0	0	1	0	73	0	0	0	0	0	0	0	0
87	26	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0
58	29	3	1	0	0	0	0	33	0	0	0	0	0	0	0	0
53	19	4	0	0	0	0	0	23	0	0	0	0	0	0	0	0
50	19	2	0	0	0	0	0	21	0	0	0	0	0	0	0	0
248	93	9	1	0	0	0	0	103	0	0	0	0	0	0	0	0
54	27	2	0	0	0	0	0	29	0	0	0	0	0	0	0	0
55	26	0	0	0	0	0	0	26	0	0	0	0	0	0	0	0
68	19	2	0	0	0	0	0	21	0	0	0	0	0	0	0	0
55	21	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0
232	93	4	0	0	0	0	0	97	0	0	0	0	0	0	0	0
59	40	1	0	0	0	0	0	41	0	0	0	0	0	0	0	0
59	16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
56	20	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0
65	19	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0
239	95	1	0	0	0	0	0	96	0	0	0	0	0	0	0	0
53	16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
47	13	1	0	0	0	0	0	14	0	0	0	0	0	0	0	0
46	14	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0
37	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
183	52	1	0	0	0	0	0	53	0	0	0	0	0	0	0	0
2917	643	43	5	1	0	1	0	693	0	0	0	0	0	0	0	0

Survey Name :	ITS J-372 Malahide
Site:	Site 3
Date:	12.12.2019
Time:	07:00 - 20:00
Location:	53.4474898,-6.1503887
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C, Peds

Irish Traffic Surveys

	A => A								A => B								
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
08:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	9
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
H/TOT	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	18
09:00	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
09:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	8
09:45	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	8
H/TOT	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	8	22
10:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	6
10:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	12
10:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	4
10:45	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	18
H/TOT	0	0	0	0	0	0	0	0	3	1	1	0	0	0	0	5	40
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
11:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	10
11:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	4
11:45	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	16
H/TOT	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	37
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
12:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	5
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	31
13:00	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	10
H/TOT	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	10
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
15:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	6
15:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	4
H/TOT	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	13
16:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	8
16:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	12
16:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	11
16:45	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	17
H/TOT	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9	48
17:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	21
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
17:30	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	8
17:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	21
H/TOT	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	61
18:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	16
18:15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	13
18:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	19
18:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	23
H/TOT	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6	71
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
19:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	7
19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	53
13 HR TOT	0	0	0	0	0	0	0	0	51	5	1	0	0	0	0	57	415



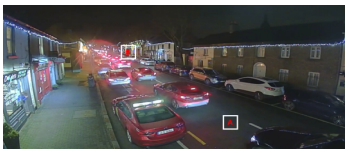
A => C							B => A								B => B			
LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2
0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	6	0	0	1	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	11	1	1	1	0	0	0	0	3	0	0	0	0
0	0	0	0	0	0	9	1	0	0	0	0	0	0	1	0	0	0	0
1	0	0	0	0	0	10	5	0	0	0	0	0	0	5	0	0	0	0
0	0	0	0	0	0	0	44	0	0	0	0	0	0	44	0	0	0	0
0	0	0	0	0	0	0	99	1	0	0	0	0	0	100	0	0	0	0
1	0	0	0	0	0	19	149	1	0	0	0	0	0	150	0	0	0	0
0	0	0	0	0	0	0	46	2	0	0	1	0	0	49	1	0	0	0
0	0	0	0	0	0	6	2	1	0	0	0	0	0	3	0	0	0	0
0	0	0	0	0	0	8	4	0	0	0	0	0	0	4	0	0	0	0
0	0	0	0	0	0	8	0	1	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	22	52	4	0	0	1	0	0	57	1	0	0	0
0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	12	2	1	0	0	0	0	0	3	0	0	0	0
1	0	0	0	0	0	5	2	0	0	0	0	0	0	2	0	0	0	0
1	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	42	4	1	0	0	0	0	0	5	0	0	0	0
0	0	0	0	0	0	7	1	0	1	0	0	0	0	2	0	0	0	0
2	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	4	1	0	0	0	0	0	0	1	1	0	0	0
0	0	0	0	0	0	16	2	0	0	0	0	0	0	2	0	0	0	0
2	0	0	0	0	0	39	4	0	1	0	0	0	0	5	1	0	0	0
0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	11	1	0	0	0	0	0	0	1	0	0	0	0
1	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	8	2	0	0	0	0	0	0	2	0	0	0	0
2	0	0	0	0	0	33	3	0	0	0	0	0	0	3	0	0	0	0
0	0	0	0	0	0	0	11	2	0	0	0	0	0	13	0	0	0	0
0	0	0	0	0	0	0	14	0	1	0	0	0	0	15	0	0	0	0
0	0	0	0	0	0	0	14	0	0	0	1	0	0	15	0	0	0	0
0	0	0	0	0	0	0	13	1	1	0	0	0	0	15	0	0	0	0
0	0	0	0	0	0	0	52	3	2	0	1	0	0	58	0	0	0	0
0	0	0	0	0	0	0	7	0	0	0	0	0	0	7	0	0	0	0
0	0	0	0	0	0	0	12	2	1	0	0	0	0	15	0	0	0	0
0	0	0	0	0	0	0	27	1	0	0	0	0	0	28	0	0	0	0
0	0	0	0	0	0	10	14	0	0	0	1	0	0	15	0	0	0	0
0	0	0	0	0	0	10	60	3	1	0	1	0	0	65	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	2	1	1	0	0	0	0	0	2	0	0	0	0
2	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	5	2	0	0	0	0	0	0	2	0	0	0	0
3	0	0	0	0	0	16	4	1	0	0	0	0	0	5	0	0	0	0
2	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	12	2	0	0	0	0	0	0	2	0	0	0	0
0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	53	2	0	0	0	0	0	0	2	0	0	0	0
0	0	0	0	0	0	21	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	11	2	0	0	0	0	0	0	2	1	0	0	0
0	0	0	0	0	0	8	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	21	2	0	0	0	0	0	0	2	0	0	0	0
0	0	0	0	0	0	61	6	0	0	0	0	0	0	6	1	0	0	0
0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	13	1	1	0	0	0	0	0	2	0	0	0	0
0	0	0	0	0	0	19	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	23	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	71	3	1	0	0	0	0	0	4	0	0	0	0
0	0	0	0	0	0	20	1	0	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	7	2	0	0	0	0	0	0	2	0	0	0	0
0	0	0	0	0	0	14	0	1	0	0	0	0	0	1	0	0	0	0
0	0	0	0	0	0	53	3	1	0	0	0	0	0	4	0	0	0	0
15	0	0	0	0	0	430	343	16	5	0	3	0	0	367	3	0	0	0

				B => C								C => A						
PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	9	1	0	0	0	0	0	10	2	0	0	0	0	0	0
0	0	0	0	3	1	0	0	0	0	0	4	3	0	0	0	0	0	0
0	0	0	0	10	0	0	0	0	0	0	10	1	0	0	0	0	0	0
0	0	0	0	22	2	0	0	0	0	0	24	6	0	0	0	0	0	0
0	0	0	0	19	0	1	0	0	0	0	20	5	0	1	0	0	0	0
0	0	0	0	16	0	0	0	0	0	0	16	7	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	35	0	1	0	0	0	0	36	12	0	1	0	0	0	0
0	0	0	1	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0
0	0	0	0	25	3	0	0	0	0	0	28	1	0	0	0	0	0	0
0	0	0	0	40	2	1	0	0	0	0	43	5	0	0	0	0	0	0
0	0	0	0	17	1	0	0	0	0	0	18	4	0	0	0	0	0	0
0	0	0	1	85	6	1	0	0	0	0	92	10	0	0	0	0	0	0
0	0	0	0	14	0	0	0	0	0	0	14	10	0	0	0	0	0	0
0	0	0	0	8	1	0	0	0	0	0	9	4	0	0	0	0	0	0
0	0	0	0	18	2	0	0	0	0	0	20	6	0	0	0	0	0	0
0	0	0	0	13	1	0	1	0	0	0	15	8	1	0	0	0	0	0
0	0	0	0	53	4	0	1	0	0	0	58	28	1	0	0	0	0	0
0	0	0	0	9	2	0	0	0	0	0	11	10	0	0	0	0	0	0
0	0	0	0	20	3	0	0	0	0	0	23	4	0	0	0	0	0	0
0	0	0	1	11	2	0	0	0	0	0	13	2	0	1	0	0	0	0
0	0	0	0	14	1	0	0	0	0	0	15	3	0	0	0	0	0	0
0	0	0	1	54	8	0	0	0	0	0	62	19	0	1	0	0	0	0
0	0	0	0	16	2	0	0	0	0	0	18	9	1	0	0	0	0	0
0	0	0	0	14	0	0	0	0	0	0	14	5	0	0	0	0	0	0
0	0	0	0	26	4	0	0	0	0	1	31	5	0	0	0	0	0	0
0	0	0	0	14	2	0	0	0	0	0	16	1	0	0	0	0	0	0
0	0	0	0	70	8	0	0	0	0	1	79	20	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	28	2	0	0	0	0	0	30	7	0	0	0	0	0	0
0	0	0	0	28	2	0	0	0	0	0	30	7	0	0	0	0	0	0
0	0	0	0	18	2	0	0	0	0	0	20	4	0	0	0	0	0	0
0	0	0	0	24	1	0	0	0	0	0	25	5	0	0	0	0	0	0
0	0	0	0	19	1	0	0	0	0	0	20	9	2	0	0	0	0	0
0	0	0	0	35	2	0	0	0	0	0	37	9	1	0	0	0	0	0
0	0	0	0	96	6	0	0	0	0	0	102	27	3	0	0	0	0	0
0	0	0	0	28	3	0	0	0	0	0	31	15	0	0	0	0	0	0
0	0	0	0	17	2	0	0	0	0	0	19	14	0	0	0	0	0	0
0	0	0	0	22	4	0	0	0	0	0	26	7	0	0	0	0	0	0
0	0	0	0	12	0	0	0	0	0	0	12	8	2	0	0	0	0	0
0	0	0	0	79	9	0	0	0	0	0	88	44	2	0	0	0	0	0
0	0	0	0	8	0	0	0	0	0	0	8	8	0	0	0	0	0	0
0	0	0	1	12	0	0	0	0	0	0	12	11	0	0	0	0	0	0
0	0	0	0	12	0	0	0	0	0	0	12	8	0	0	0	0	0	0
0	0	0	0	15	0	0	0	0	0	0	15	12	0	0	0	0	0	0
0	0	0	1	47	0	0	0	0	0	0	47	39	0	0	0	0	0	0
0	0	0	0	22	1	0	0	0	1	0	24	18	0	0	0	0	0	0
0	0	0	0	18	0	0	0	0	0	0	18	6	0	0	0	0	0	0
0	0	0	0	11	0	0	0	0	0	0	11	7	0	0	0	0	0	0
0	0	0	0	9	0	0	0	0	0	0	9	7	0	0	0	0	0	0
0	0	0	0	60	1	0	0	0	1	0	62	38	0	0	0	0	0	0
0	0	0	0	21	0	0	0	0	0	0	21	8	0	0	0	0	0	0
0	0	0	0	43	3	0	0	0	0	0	46	4	0	0	0	0	0	0
0	0	0	0	16	0	0	0	0	0	0	16	7	0	0	0	0	0	0
0	0	0	0	7	0	0	0	0	0	0	7	3	0	0	0	0	0	0
0	0	0	0	87	3	0	0	0	0	0	90	22	0	0	0	0	0	0
0	0	0	3	717	49	2	1	0	1	1	771	272	8	2	0	0	0	0

	C => B								C => C							
TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
2	6	1	0	0	0	0	0	7	0	0	0	0	0	0	0	0
3	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
1	4	4	0	0	0	0	0	8	0	0	0	0	0	0	0	0
6	19	5	0	0	0	0	0	24	0	0	0	0	0	0	0	0
6	11	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
7	14	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	25	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	9	0	1	0	0	0	0	10	1	0	0	0	0	0	0	1
5	8	0	1	0	0	0	0	9	0	0	0	0	0	0	0	0
4	9	1	1	0	0	0	0	11	0	0	0	0	0	0	0	0
10	26	1	3	0	0	0	0	30	1	0	0	0	0	0	0	1
10	7	3	0	0	0	0	0	10	0	0	0	0	0	0	0	0
4	6	0	0	0	0	0	0	6	1	0	0	0	0	0	0	1
6	10	2	0	0	0	0	0	12	0	0	0	0	0	0	0	0
9	8	2	1	0	0	0	0	11	0	0	0	0	0	0	0	0
29	31	7	1	0	0	0	0	39	1	0	0	0	0	0	0	1
10	11	1	0	1	0	0	0	13	0	0	0	0	0	0	0	0
4	10	1	0	0	0	0	0	11	0	0	0	0	0	0	0	0
3	9	1	0	0	0	0	0	10	1	1	0	0	0	0	0	2
3	12	2	0	0	0	0	0	14	0	0	0	0	0	0	0	0
20	42	5	0	1	0	0	0	48	1	1	0	0	0	0	0	2
10	10	1	1	0	0	0	0	12	1	0	0	0	0	0	0	1
5	12	3	1	0	0	0	0	16	0	0	0	0	0	0	0	0
5	6	2	0	0	0	0	0	8	0	0	0	0	0	0	0	0
1	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
21	34	6	2	0	0	0	0	42	1	0	0	0	0	0	0	1
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	6	0	1	0	0	0	0	7	0	0	0	0	0	0	0	0
7	6	0	1	0	0	0	0	7	0	0	0	0	0	0	0	0
4	11	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0
5	13	0	0	0	0	1	1	15	0	0	0	0	0	0	0	0
11	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
10	8	2	0	0	0	0	0	10	0	0	0	0	0	0	0	0
30	41	3	0	0	0	1	1	46	0	0	0	0	0	0	0	0
15	19	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0
14	16	2	1	0	0	0	0	19	0	0	0	0	0	0	0	0
7	16	3	0	0	0	0	1	20	0	0	0	0	0	0	0	0
10	11	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0
46	62	6	1	0	0	0	1	70	0	0	0	0	0	0	0	0
8	22	1	0	0	0	0	0	23	1	0	0	0	0	0	0	1
11	10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
8	16	2	0	0	0	0	0	18	1	0	0	0	0	0	0	1
12	15	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0
39	63	3	0	0	0	0	0	66	2	0	0	0	0	0	0	2
18	24	3	0	0	0	0	0	27	0	0	0	0	0	0	0	0
6	10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
7	15	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0
7	12	0	0	0	0	0	0	12	1	0	0	0	0	0	0	1
38	61	3	0	0	0	0	0	64	1	0	0	0	0	0	0	1
8	11	0	0	0	0	0	0	11	1	0	0	0	0	0	0	1
4	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
7	7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
3	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
22	36	0	0	0	0	0	0	36	1	0	0	0	0	0	0	1
282	446	39	8	1	0	1	2	497	8	1	0	0	0	0	0	9

Survey Name :	ITS J-372 Malahide
Site:	Site 3
Date:	12.12.2019
Time:	07:00 - 20:00
Location:	53.4510366,-6.1537031
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C, Peds

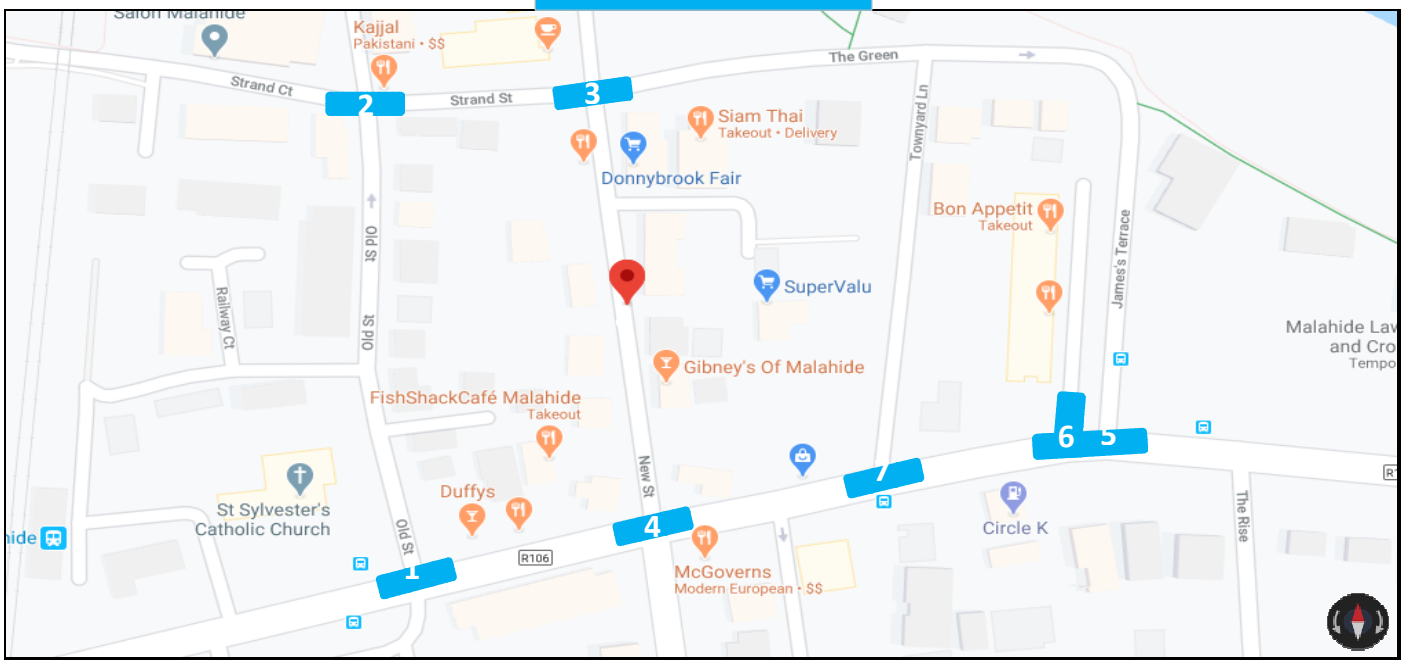
Irish Traffic Surveys



	A => A								A => B								
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR
07:00	0	0	0	0	0	0	0	0	17	2	1	0	0	0	0	20	5
07:15	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	16	6
07:30	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	24	10
07:45	0	0	0	0	0	0	0	0	28	1	0	0	0	0	0	29	14
H/TOT	0	0	0	0	0	0	0	0	85	3	1	0	0	0	0	89	35
08:00	0	0	0	0	0	0	0	0	37	3	0	0	0	0	1	41	23
08:15	0	0	0	0	0	0	0	0	52	2	1	0	0	0	0	55	23
08:30	0	0	0	0	0	0	0	0	54	0	0	0	0	0	0	54	23
08:45	0	0	0	0	0	0	0	0	54	2	0	0	0	0	0	56	23
H/TOT	0	0	0	0	0	0	0	0	197	7	1	0	0	0	1	206	92
09:00	0	0	0	0	0	0	0	0	49	0	0	0	0	0	0	49	33
09:15	0	0	0	0	0	0	0	0	45	3	0	0	0	0	0	48	33
09:30	0	0	0	0	0	0	0	0	36	4	1	0	0	0	0	41	35
09:45	0	0	0	0	0	0	0	0	33	6	1	0	0	0	0	40	30
H/TOT	0	0	0	0	0	0	0	0	163	13	2	0	0	0	0	178	131
10:00	0	0	0	0	0	0	0	0	41	8	1	0	0	0	0	50	30
10:15	0	0	0	0	0	0	0	0	38	8	0	0	0	0	0	46	24
10:30	0	0	0	0	0	0	0	0	27	4	1	0	0	0	0	32	26
10:45	0	0	0	0	0	0	0	0	35	8	0	0	0	0	0	43	27
H/TOT	0	0	0	0	0	0	0	0	141	28	2	0	0	0	0	171	107
11:00	0	0	0	0	0	0	0	0	24	7	2	0	0	0	0	33	23
11:15	0	0	0	0	0	0	0	0	26	6	1	0	0	0	0	33	34
11:30	0	0	0	0	0	0	0	0	34	7	0	0	0	0	0	41	34
11:45	0	0	0	0	0	0	0	0	32	9	0	1	0	0	0	42	34
H/TOT	0	0	0	0	0	0	0	0	116	29	3	1	0	0	0	149	125
12:00	0	0	0	0	0	0	0	0	45	9	1	0	0	0	0	55	31
12:15	0	0	0	0	0	0	0	0	31	1	2	0	0	0	0	34	44
12:30	0	0	0	0	0	0	0	0	24	7	0	0	0	0	0	31	42
12:45	0	0	0	0	0	0	0	0	38	6	0	0	0	0	0	44	39
H/TOT	0	0	0	0	0	0	0	0	138	23	3	0	0	0	0	164	156
13:00	0	0	0	0	0	0	0	0	37	11	0	0	0	0	0	48	33
13:15	0	0	0	0	0	0	0	0	32	7	0	0	0	0	0	39	32
13:30	0	0	0	0	0	0	0	0	31	2	0	0	0	0	0	33	25
13:45	0	0	0	0	0	0	0	0	36	3	1	0	0	0	0	40	32
H/TOT	0	0	0	0	0	0	0	0	136	23	1	0	0	0	0	160	122
14:00	0	0	0	0	0	0	0	0	25	5	0	0	0	0	0	30	31
14:15	0	0	0	0	0	0	0	0	36	3	1	0	0	0	0	40	26
14:30	0	0	0	0	0	0	0	0	45	5	1	0	0	0	0	51	26
14:45	0	0	0	0	0	0	0	0	36	6	0	0	0	0	0	42	29
H/TOT	0	0	0	0	0	0	0	0	142	19	2	0	0	0	0	163	112
15:00	0	0	0	0	0	0	0	0	28	4	1	1	0	0	0	34	34
15:15	0	0	0	0	0	0	0	0	46	3	1	0	0	0	0	50	27
15:30	0	0	0	0	0	0	0	0	47	5	0	0	0	0	0	52	27
15:45	0	0	0	0	0	0	0	0	36	5	2	0	0	0	0	43	33
H/TOT	0	0	0	0	0	0	0	0	157	17	4	1	0	0	0	179	121
16:00	0	0	0	0	0	0	0	0	42	3	0	0	0	0	0	45	39
16:15	0	0	0	0	0	0	0	0	38	4	0	0	0	0	0	42	38
16:30	0	0	0	0	0	0	0	0	25	1	0	0	0	0	0	26	37
16:45	0	0	0	0	0	0	0	0	40	4	1	0	0	0	0	45	33
H/TOT	0	0	0	0	0	0	0	0	145	12	1	0	0	0	0	158	147
17:00	0	0	0	0	0	0	0	0	49	1	1	0	0	0	0	51	36
17:15	0	0	0	0	0	0	0	0	40	1	1	0	0	0	0	42	34
17:30	0	0	0	0	0	0	0	0	45	2	1	0	0	0	0	48	45
17:45	0	0	0	0	0	0	0	0	56	2	0	0	0	0	0	58	36
H/TOT	0	0	0	0	0	0	0	0	190	6	3	0	0	0	0	199	151
18:00	0	0	0	0	0	0	0	0	45	1	0	0	0	0	0	46	45
18:15	0	0	0	0	0	0	0	0	52	0	0	0	0	0	0	52	61
18:30	0	0	0	0	0	0	0	0	59	1	0	0	0	0	0	60	43
18:45	0	0	0	0	0	0	0	0	37	2	0	0	0	0	0	39	58
H/TOT	0	0	0	0	0	0	0	0	193	4	0	0	0	0	0	197	207
19:00	0	0	0	0	0	0	0	0	56	0	0	0	0	0	0	56	51
19:15	1	0	0	0	0	0	0	1	53	1	0	0	0	0	0	54	38
19:30	0	0	0	0	0	0	0	0	60	1	0	0	0	0	0	61	53
19:45	0	0	0	0	0	0	0	0	47	2	0	0	0	0	0	49	54
H/TOT	1	0	0	0	0	0	0	1	216	4	0	0	0	0	0	220	196
13 HR TOT	1	0	0	0	0	0	0	1	2019	188	23	2	0	0	1	2233	1702

B => A							B => B							
LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
1	0	0	2	0	0	9	0	0	0	0	0	0	0	0
3	3	0	1	0	0	17	0	0	0	0	0	0	0	0
1	1	0	0	0	0	16	0	0	0	0	0	0	0	0
6	4	0	3	0	0	48	0	0	0	0	0	0	0	0
1	0	0	1	0	0	25	0	0	0	0	0	0	0	0
1	0	0	1	0	0	25	0	0	0	0	0	0	0	0
0	0	0	1	0	0	24	0	0	0	0	0	0	0	0
1	0	0	0	0	0	24	0	0	0	0	0	0	0	0
3	0	0	3	0	0	98	0	0	0	0	0	0	0	0
2	0	0	0	0	0	35	0	0	0	0	0	0	0	0
1	1	0	0	0	0	35	0	0	0	0	0	0	0	0
3	0	0	1	0	0	39	0	0	0	0	0	0	0	0
3	1	0	0	0	0	34	0	0	0	0	0	0	0	0
9	2	0	1	0	0	143	0	0	0	0	0	0	0	0
3	0	0	1	0	0	34	0	0	0	0	0	0	0	0
3	1	0	0	0	0	28	0	0	0	0	0	0	0	0
1	0	0	0	0	0	27	0	0	0	0	0	0	0	0
3	0	0	0	0	0	30	0	0	0	0	0	0	0	0
10	1	0	1	0	0	119	0	0	0	0	0	0	0	0
4	1	0	1	0	0	29	0	0	0	0	0	0	0	0
2	0	0	0	0	1	37	0	0	0	0	0	0	0	0
3	2	1	0	0	0	40	0	0	0	0	0	0	0	0
4	1	0	0	0	0	39	0	0	0	0	0	0	0	0
13	4	1	1	0	1	145	0	0	0	0	0	0	0	0
2	2	0	1	0	1	37	0	0	0	0	0	0	0	0
0	0	0	0	0	0	44	0	0	0	0	0	0	0	0
1	1	0	0	0	1	45	0	0	0	0	0	0	0	0
2	1	0	0	0	0	42	0	0	0	0	0	0	0	0
5	4	0	1	0	2	168	0	0	0	0	0	0	0	0
5	0	0	1	0	0	39	0	0	0	0	0	0	0	0
0	1	0	0	0	0	33	0	0	0	0	0	0	0	0
1	0	0	0	0	0	26	0	0	0	0	0	0	0	0
2	0	0	0	0	0	34	0	0	0	0	0	0	0	0
8	1	0	1	0	0	132	0	0	0	0	0	0	0	0
2	0	0	1	0	0	34	0	0	0	0	0	0	0	0
3	1	0	1	0	0	31	0	0	0	0	0	0	0	0
2	0	0	0	0	0	28	0	0	0	0	0	0	0	0
3	0	1	0	1	0	34	0	0	0	0	0	0	0	0
10	1	1	2	1	0	127	0	0	0	0	0	0	0	0
4	0	0	0	0	0	38	0	0	0	0	0	0	0	0
5	0	0	1	1	1	35	0	0	0	0	0	0	0	0
2	2	0	0	0	0	31	0	0	0	0	0	0	0	0
1	0	0	0	0	0	34	0	0	0	0	0	0	0	0
12	2	0	1	1	1	138	0	0	0	0	0	0	0	0
0	0	0	1	0	0	40	0	0	0	0	0	0	0	0
2	1	0	0	0	0	41	0	0	0	0	0	0	0	0
2	2	0	0	0	0	41	0	0	0	0	0	0	0	0
4	0	0	1	0	0	38	0	0	0	0	0	0	0	0
8	3	0	2	0	0	160	0	0	0	0	0	0	0	0
4	0	0	0	0	0	40	0	0	0	0	0	0	0	0
1	0	0	1	1	0	37	0	0	0	0	0	0	0	0
0	0	0	0	0	0	45	0	0	0	0	0	0	0	0
1	0	0	0	0	0	37	0	0	0	0	0	0	0	0
6	0	0	1	1	0	159	0	0	0	0	0	0	0	0
2	0	0	1	0	1	49	0	0	0	0	0	0	0	0
1	0	0	2	0	0	64	0	0	0	0	0	0	0	0
2	0	0	1	0	0	46	1	0	0	0	0	0	0	1
3	0	0	0	0	0	61	0	0	0	0	0	0	0	0
8	0	0	4	0	1	220	1	0	0	0	0	0	0	1
0	0	0	0	0	0	51	0	0	0	0	0	0	0	0
0	0	0	0	0	0	38	0	0	0	0	0	0	0	0
0	0	0	0	0	0	53	0	0	0	0	0	0	0	0
0	0	0	0	0	0	54	0	0	0	0	0	0	0	0
0	0	0	0	0	0	196	0	0	0	0	0	0	0	0
98	22	2	21	3	5	1853	1	0	0	0	0	0	0	1

Sites Overview



Survey Name :	ITS J-410 Malahide
Site:	1
Date:	15.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

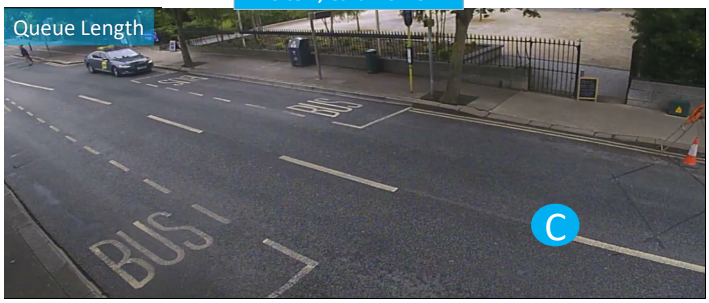
Irish Traffic Surveys

Site 1, Card A5

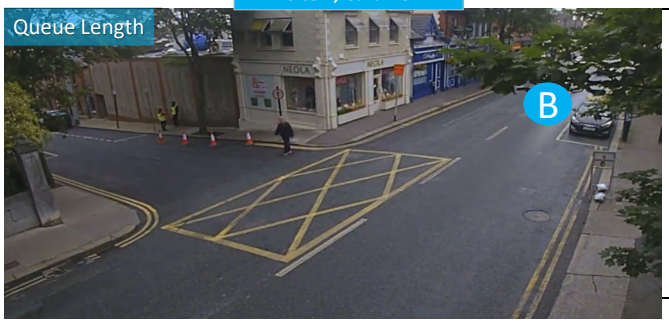
Mapping Image

Survey duration:	12h
Time Period:	07:00-19:00
Junction Type:	4 Arm Junction
Reporting Interval:	15min
Classification scheme:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C
Queues Required:	Yes
Pedestrian required:	No

Site 1, Card Nov19

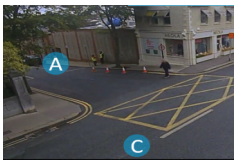


Site 1, Card A5



Survey Name :	ITS J-410 Malahide
Site:	1
Date:	15.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys



	A => A								A => B							
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	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	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	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
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	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
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	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	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1

A => C								B => A							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	1	1	0	0	3	0	0	5
0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	5
0	0	0	0	0	0	0	0	11	2	0	0	1	0	1	15
0	0	0	0	0	0	0	0	18	3	0	0	4	0	2	27
0	0	0	0	0	0	1	1	10	0	0	0	0	0	1	11
0	0	0	0	0	0	0	0	13	2	1	0	0	0	0	16
0	0	0	0	0	0	0	0	12	1	0	0	1	0	0	14
0	0	0	0	0	0	0	0	13	0	1	0	0	0	0	14
0	0	0	0	0	0	1	1	48	3	2	0	1	0	1	55
0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7
0	0	0	0	0	0	0	0	11	0	0	0	1	0	1	13
0	0	0	0	0	0	0	0	11	0	0	0	0	0	1	12
0	0	0	0	0	0	0	0	8	3	0	0	1	0	0	12
0	0	0	0	0	0	0	0	36	4	0	0	2	0	2	44
0	0	0	0	0	0	0	0	17	2	0	0	0	0	0	19
0	0	0	0	0	0	0	0	11	0	1	0	0	0	0	12
0	0	0	0	0	0	0	0	12	1	1	0	0	0	0	14
0	0	0	0	0	0	0	0	15	2	2	0	1	0	0	20
0	0	0	0	0	0	0	0	55	5	4	0	1	0	0	65
0	0	0	0	0	0	0	0	11	2	0	0	0	0	0	13
0	0	0	0	0	0	0	0	13	1	2	0	0	0	0	16
0	0	0	0	0	0	1	1	21	1	0	0	0	0	0	22
0	0	1	0	0	0	0	1	10	0	0	0	1	0	0	11
0	0	1	0	0	0	1	2	55	4	2	0	1	0	0	62
0	0	0	0	0	0	0	0	10	3	0	0	0	0	0	13
0	0	0	0	0	0	1	1	13	2	0	0	0	0	0	15
0	0	0	0	0	0	1	1	16	0	0	0	0	0	0	16
0	0	0	0	0	0	0	0	18	1	0	0	0	0	0	19
0	0	0	0	0	0	2	2	57	6	0	0	0	0	0	63
0	0	0	0	0	0	0	0	9	2	0	0	1	0	1	13
0	0	0	0	0	0	0	0	17	4	0	0	0	0	1	22
0	0	0	0	0	0	0	0	25	1	0	0	0	0	1	27
0	0	0	0	0	0	0	0	24	1	0	0	0	0	0	25
0	0	0	0	0	0	0	0	75	8	0	0	1	0	3	87
0	0	0	0	0	0	1	1	9	3	0	0	1	0	0	13
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	16
0	0	0	0	0	0	2	2	14	0	1	0	0	0	0	15
0	0	0	0	0	0	3	3	48	3	1	0	1	0	0	53
0	0	0	0	0	0	0	0	11	4	0	0	1	0	0	16
0	0	0	0	0	0	0	0	16	3	0	0	0	0	1	20
0	0	0	0	0	0	1	1	13	1	0	0	1	0	0	15
0	0	0	0	0	0	0	0	15	1	0	0	0	0	0	16
0	0	0	0	0	0	1	1	55	9	0	0	2	0	1	67
0	0	0	0	0	0	0	0	15	1	0	0	2	0	0	18
0	0	0	0	0	0	0	0	7	3	0	0	0	0	0	10
0	0	0	0	0	0	0	0	17	1	0	0	1	0	0	19
0	1	0	0	0	0	0	1	18	2	0	0	0	1	0	21
0	1	0	0	0	0	0	1	57	7	0	0	3	1	0	68
0	0	0	0	0	0	1	1	18	3	0	0	0	0	0	21
0	0	0	0	0	0	0	0	24	1	0	0	0	0	3	28
0	0	0	0	0	0	1	1	18	3	0	0	1	0	0	22
0	0	0	0	0	0	1	1	21	1	0	0	0	0	0	22
0	0	0	0	0	0	3	3	81	8	0	0	1	0	3	93
0	0	0	0	0	0	0	0	14	1	0	0	1	0	0	16
0	0	0	0	0	0	0	0	12	2	0	0	0	0	0	14
0	0	0	0	0	0	0	0	23	1	0	0	0	0	0	24
0	0	0	0	0	0	0	0	26	1	0	0	0	0	0	27
0	0	0	0	0	0	0	0	75	5	0	0	1	0	0	81
0	1	1	0	0	0	11	13	660	65	9	0	18	1	12	765

B => B								B => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	36	2	0	0	2	0	1	41
0	0	0	0	0	0	0	0	37	6	1	0	2	0	1	47
0	0	0	0	0	0	0	0	46	4	1	1	2	0	4	58
0	0	0	0	0	0	0	0	40	6	1	0	1	1	3	52
0	0	0	0	0	0	0	0	159	18	3	1	7	1	9	198
0	0	0	0	0	0	0	0	60	4	0	0	3	0	9	76
0	0	0	0	0	0	0	0	59	7	2	0	1	0	5	74
0	0	0	0	0	0	0	0	81	8	3	1	1	0	1	95
1	0	0	0	0	0	0	1	71	2	0	2	1	0	2	78
1	0	0	0	0	0	0	1	271	21	5	3	6	0	17	323
0	0	0	0	0	0	0	0	69	13	3	0	2	0	1	88
0	0	0	0	0	0	0	0	57	7	3	2	2	0	0	71
0	0	0	0	0	0	0	0	64	10	3	0	0	0	0	77
0	0	0	0	0	0	0	0	81	12	0	1	2	0	2	98
0	0	0	0	0	0	0	0	271	42	9	3	6	0	3	334
0	0	0	0	0	0	0	0	71	10	5	0	1	0	0	87
0	0	0	0	0	0	0	0	73	8	3	0	1	0	2	87
0	0	0	0	0	0	0	0	89	13	2	1	1	1	3	110
0	0	0	0	0	0	0	0	98	10	0	0	1	1	2	112
0	0	0	0	0	0	0	0	331	41	10	1	4	2	7	396
0	0	0	0	0	0	0	0	82	13	1	4	1	0	1	102
0	0	0	0	0	0	0	0	79	12	4	1	1	0	1	98
0	0	0	0	0	0	0	0	91	16	0	0	1	1	2	111
0	0	0	0	0	0	0	0	92	9	5	0	1	0	6	113
0	0	0	0	0	0	0	0	344	50	10	5	4	1	10	424
0	0	0	0	0	0	0	0	101	3	3	1	1	0	5	114
0	0	0	0	0	0	0	0	90	9	0	1	1	0	4	105
0	0	0	0	0	0	0	0	77	17	1	1	1	5	2	104
0	0	0	0	0	0	0	0	85	10	3	1	1	0	3	103
0	0	0	0	0	0	0	0	353	39	7	4	4	5	14	426
0	0	0	0	0	0	0	0	95	7	2	1	1	0	3	109
0	0	0	0	0	0	0	0	90	8	0	0	1	0	7	106
0	0	0	0	0	0	0	0	95	6	6	0	1	0	2	110
0	0	0	0	0	0	0	0	76	13	1	0	1	0	7	98
0	0	0	0	0	0	0	0	356	34	9	1	4	0	19	423
0	0	0	0	0	0	0	0	96	14	0	0	1	1	3	115
0	0	0	0	0	0	0	0	83	8	0	1	1	0	2	95
0	0	0	0	0	0	0	0	93	16	2	1	1	0	1	114
0	0	0	0	0	0	0	0	93	8	3	2	1	0	6	113
0	0	0	0	0	0	0	0	365	46	5	4	4	1	12	437
0	0	0	0	0	0	0	0	88	6	2	2	2	1	5	106
0	0	0	0	0	0	0	0	87	12	3	0	1	2	5	110
0	0	0	0	0	0	0	0	89	18	3	1	1	0	1	113
0	0	0	0	0	0	0	0	106	15	0	1	1	1	3	127
0	0	0	0	0	0	0	0	370	51	8	4	5	4	14	456
0	0	0	0	0	0	0	0	90	16	1	0	1	0	2	110
0	0	0	0	0	0	0	0	90	7	0	1	1	0	5	104
0	0	0	0	0	0	0	0	101	11	2	0	2	0	3	119
0	0	0	0	0	0	0	0	91	16	0	0	1	0	6	114
0	0	0	0	0	0	0	0	372	50	3	1	5	0	16	447
0	0	0	0	0	0	0	0	105	15	0	0	1	0	7	128
0	0	0	0	0	0	0	0	76	5	0	0	1	0	14	96
0	0	0	0	0	0	0	0	100	10	0	0	2	0	5	117
0	0	0	0	0	0	0	0	85	6	1	0	1	0	8	101
0	0	0	0	0	0	0	0	366	36	1	0	5	0	34	442
0	0	0	0	0	0	0	0	87	7	0	0	1	0	5	100
0	0	0	0	0	0	0	0	91	4	0	0	2	1	7	105
0	0	0	0	0	0	0	0	100	4	0	0	2	0	10	116
0	0	0	0	0	0	0	0	86	4	1	0	1	0	4	96
0	0	0	0	0	0	0	0	364	19	1	0	6	1	26	417
1	0	0	0	0	0	0	1	3922	447	71	27	60	15	181	4723

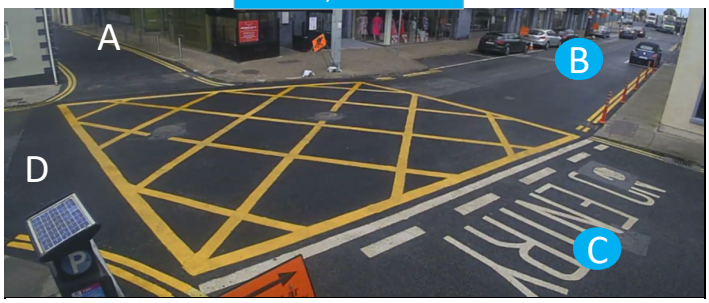
C => A								C => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
5	2	2	0	0	0	0	9	16	11	1	0	3	0	1	32
6	4	1	0	0	0	0	11	15	15	0	1	1	0	2	34
4	2	0	0	0	0	0	6	38	12	0	0	2	0	4	56
7	3	0	0	0	0	1	11	45	16	2	0	0	0	4	67
22	11	3	0	0	0	1	37	114	54	3	1	6	0	11	189
3	2	1	0	0	0	0	6	35	10	6	0	2	0	2	55
14	2	0	0	0	0	0	16	34	9	1	1	1	0	4	50
13	1	1	0	0	0	0	15	45	6	2	2	2	0	0	57
14	5	0	0	0	0	0	19	59	12	1	0	0	0	4	76
44	10	2	0	0	0	0	56	173	37	10	3	5	0	10	238
12	3	0	0	0	0	0	15	33	14	6	1	1	0	1	56
6	4	1	0	0	0	0	11	53	7	1	0	1	0	1	63
10	1	1	1	0	0	0	13	59	18	3	0	3	0	0	83
17	3	0	0	0	0	0	20	76	9	3	1	1	0	1	91
45	11	2	1	0	0	0	59	221	48	13	2	6	0	3	293
6	4	0	0	0	0	0	10	55	9	3	0	2	1	2	72
13	1	1	1	0	0	1	17	58	11	2	0	0	0	0	71
12	0	0	0	0	0	0	12	57	10	0	0	2	0	1	70
13	2	0	0	0	0	0	15	79	4	2	2	0	0	1	88
44	7	1	1	0	0	1	54	249	34	7	2	4	1	4	301
8	1	0	0	0	0	0	9	70	7	2	1	2	1	2	85
12	0	0	0	0	0	0	12	73	7	5	0	0	0	1	86
14	0	0	0	0	0	1	15	81	8	1	1	2	1	5	99
18	1	0	0	0	0	1	20	84	5	2	0	0	0	0	91
52	2	0	0	0	0	2	56	308	27	10	2	4	2	8	361
8	0	0	0	0	0	0	8	93	11	1	1	2	0	1	109
15	1	0	0	0	1	0	17	76	8	3	1	0	0	2	90
15	1	0	0	0	0	0	16	92	7	0	0	2	0	2	103
18	2	1	0	0	0	0	21	92	12	1	1	0	0	4	110
56	4	1	0	0	1	0	62	353	38	5	3	4	0	9	412
19	2	0	0	0	0	0	21	89	6	0	1	1	0	0	97
19	1	0	0	0	0	0	20	82	7	1	0	1	1	6	98
11	0	0	0	0	0	2	13	84	5	1	1	1	0	6	98
19	1	0	0	0	0	1	21	77	9	1	0	1	0	1	89
68	4	0	0	0	0	3	75	332	27	3	2	4	1	13	382
19	1	0	1	0	0	0	21	76	6	1	2	1	0	7	93
18	3	0	0	0	0	0	21	109	9	1	1	1	0	3	124
16	0	0	0	0	0	2	18	78	9	1	0	1	0	2	91
17	3	0	1	0	0	4	25	86	9	0	1	1	1	3	101
70	7	0	2	0	0	6	85	349	33	3	4	4	1	15	409
16	1	0	0	0	0	0	17	67	10	0	1	2	0	4	84
13	1	0	1	0	0	2	17	69	7	0	0	0	0	5	81
15	1	0	0	0	0	4	20	72	3	0	1	1	0	6	83
19	1	0	1	0	0	0	21	88	3	1	2	1	2	3	100
63	4	0	2	0	0	6	75	296	23	1	4	4	2	18	348
11	0	0	0	0	0	0	11	104	8	0	0	1	1	5	119
15	3	0	0	0	0	1	19	99	5	0	0	1	1	3	109
13	1	0	0	0	0	1	15	71	3	1	0	2	1	9	87
21	0	0	0	0	0	0	21	86	3	0	0	1	0	5	95
60	4	0	0	0	0	2	66	360	19	1	0	5	3	22	410
19	1	0	0	0	0	0	20	89	10	0	1	2	1	7	110
23	2	0	0	0	0	5	30	73	4	0	1	1	0	3	82
12	1	0	0	0	0	0	13	79	6	1	1	2	0	3	92
22	3	0	0	0	0	0	25	97	3	0	1	2	0	3	106
76	7	0	0	0	0	5	88	338	23	1	4	7	1	16	390
21	2	0	0	0	0	4	27	93	8	0	0	2	0	4	107
23	0	0	0	0	1	0	24	99	7	1	0	1	0	3	111
12	1	0	0	0	0	0	13	94	0	0	0	1	0	4	99
20	0	0	0	0	0	1	21	84	2	0	0	2	0	9	97
76	3	0	0	0	1	5	85	370	17	1	0	6	0	20	414
676	74	9	6	0	2	31	798	3463	380	58	27	59	11	149	4147

			C => C				
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1

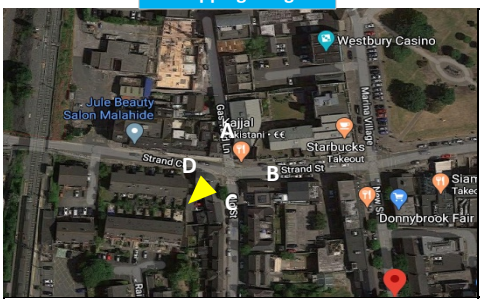
Survey Name :	ITS J-410 Malahide
Site:	2
Date:	03.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

Site 2, Card M24

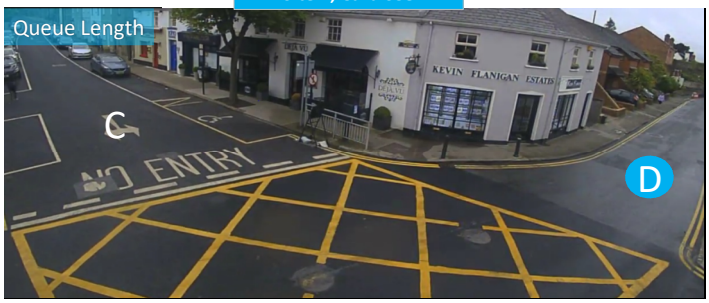


Mapping Image



Survey duration:	12h
Time Period:	07:00-19:00
Junction Type:	4 Arm Junction
Reporting Interval:	15min
Classification scheme:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C
Queues Required:	Yes
Pedestrian required:	No

Site 2, Card S38

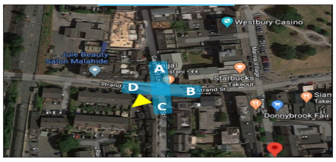


Site 2, Card M24

Survey Name :	ITS J-410 Malahide
Site:	2
Date:	15.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

	A => A								A => B							
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
14:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
15:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
15:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
15:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
15:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	8	5	0	0	0	0	0	13



A => C								A => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	11	1	0	0	0	0	1	13

B => A								B => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2
0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	2	0	0	0	0	0	2	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	2	0	0	0	0	0	6	5	3	0	0	0	0	0	8

B => C								B => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3
0	0	0	0	0	0	0	0	5	2	0	0	0	0	2	9
0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6
0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10
0	0	0	0	0	0	0	0	20	4	0	0	0	0	4	28
0	0	0	0	0	0	1	1	9	1	0	0	0	0	1	11
0	0	0	0	0	0	1	1	12	5	0	0	0	0	0	17
0	0	0	0	0	0	0	0	10	4	0	0	0	0	0	14
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
0	0	0	0	0	0	2	2	40	10	0	0	0	0	1	51
0	0	0	0	0	0	0	0	11	1	0	0	0	0	1	13
0	0	0	0	0	0	0	0	14	3	0	0	0	0	2	19
0	0	0	0	0	0	0	0	10	3	1	0	0	0	2	16
0	0	0	0	0	0	0	0	12	2	0	0	0	0	0	14
0	0	0	0	0	0	0	0	47	9	1	0	0	0	5	62
0	0	0	0	0	0	0	0	15	7	0	0	0	0	0	22
0	0	0	0	0	0	0	0	17	0	0	0	0	0	2	19
0	0	0	0	0	0	0	0	25	3	0	0	0	0	0	28
0	0	0	0	0	0	0	0	31	2	0	0	0	0	1	34
0	0	0	0	0	0	0	0	88	12	0	0	0	0	3	103
0	0	0	0	0	0	0	0	28	1	0	0	0	0	2	31
0	0	0	0	0	0	0	0	24	0	0	0	0	0	1	25
0	0	0	0	0	0	1	1	26	3	0	0	0	0	1	30
0	0	0	0	0	0	0	0	18	5	0	0	0	0	2	25
0	0	0	0	0	0	1	1	96	9	0	0	0	0	6	111
0	0	0	0	0	0	0	0	22	1	0	0	0	0	1	24
0	0	0	0	0	0	0	0	33	5	0	0	0	0	2	40
0	0	0	0	0	0	0	0	33	4	0	0	0	0	1	38
0	0	0	0	0	0	0	0	32	4	0	0	0	0	2	38
0	0	0	0	0	0	0	0	120	14	0	0	0	0	6	140
0	0	0	0	0	0	0	0	33	6	0	0	0	0	1	40
0	0	0	0	0	0	0	0	27	2	0	0	0	0	3	32
0	0	0	0	0	0	4	4	26	2	0	0	0	0	1	29
0	0	0	0	0	0	2	2	23	1	0	0	0	0	1	25
0	0	0	0	0	0	6	6	109	11	0	0	0	0	6	126
0	0	0	0	0	0	0	0	32	3	0	0	0	0	0	35
0	0	0	0	0	0	0	0	19	2	0	0	0	0	1	22
0	0	0	0	0	0	0	0	21	2	0	0	0	0	0	23
0	0	0	0	0	0	2	2	20	2	0	0	0	0	1	23
0	0	0	0	0	0	2	2	92	9	0	0	0	0	2	103
0	0	0	0	0	0	0	0	28	1	0	0	0	0	0	29
0	0	0	0	0	0	0	0	32	5	1	0	0	0	1	39
0	0	0	0	0	0	0	0	26	2	0	0	0	0	4	32
0	0	0	0	0	0	0	0	33	2	0	0	0	0	0	35
0	0	0	0	0	0	0	0	119	10	1	0	0	0	5	135
0	0	0	0	0	0	0	0	30	5	0	0	0	0	2	37
0	0	0	0	0	0	2	2	34	3	0	0	0	0	1	38
0	0	0	0	0	0	0	0	36	3	0	0	0	0	1	40
0	0	0	0	0	0	0	0	38	3	0	0	0	0	4	45
0	0	0	0	0	0	2	2	138	14	0	0	0	0	8	160
0	0	0	0	0	0	1	1	45	1	0	0	0	1	4	51
0	0	0	0	0	0	5	5	23	4	0	0	0	0	4	31
0	0	0	0	0	0	1	1	33	2	0	0	0	0	6	41
0	0	0	0	0	0	0	0	21	1	1	0	0	0	5	28
0	0	0	0	0	0	7	7	122	8	1	0	0	1	19	151
0	0	0	0	0	0	4	4	26	1	0	0	0	0	2	29
0	0	0	0	0	0	0	0	21	0	0	0	0	0	2	23
0	0	0	0	0	0	1	1	29	3	0	0	0	0	2	34
0	0	0	0	0	0	1	1	22	1	0	0	0	0	9	32
0	0	0	0	0	0	6	6	98	5	0	0	0	0	15	118
0	0	0	0	0	0	26	26	1089	115	3	0	0	1	80	1288

C => A								C => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	4	1	2	0	0	0	0	7
0	0	0	0	0	0	0	0	4	4	1	0	3	0	0	12
0	0	0	0	0	0	0	0	10	2	0	0	0	0	0	12
0	0	0	0	0	0	0	0	14	4	0	0	1	0	1	20
0	0	0	0	0	0	0	0	32	11	3	0	4	0	1	51
0	0	0	0	0	0	0	0	10	1	1	0	0	0	0	12
0	0	0	0	0	0	0	0	13	2	0	0	0	0	0	15
0	0	0	0	0	0	0	0	19	1	0	0	0	0	1	21
0	0	0	0	0	0	0	0	13	5	1	0	0	0	0	19
0	0	0	0	0	0	0	0	55	9	2	0	0	0	1	67
0	0	0	0	0	0	0	0	14	0	1	0	0	0	0	15
0	0	0	0	0	0	0	0	10	3	1	0	1	0	0	15
0	0	0	0	0	0	0	0	14	1	2	0	0	0	0	17
0	0	0	0	0	0	0	0	15	3	1	0	1	0	0	20
0	0	0	0	0	0	0	0	53	7	5	0	2	0	0	67
0	0	0	0	0	0	0	0	23	4	0	0	0	0	0	27
0	0	0	0	0	0	0	0	15	1	0	0	0	0	0	16
0	0	0	0	0	0	0	0	16	1	2	0	0	0	0	19
1	1	0	0	0	0	0	2	24	2	2	0	1	0	0	29
1	1	0	0	0	0	0	2	78	8	4	0	1	0	0	91
0	0	0	0	0	0	0	0	11	3	0	0	0	0	0	14
0	0	0	0	0	0	0	0	18	2	1	0	0	0	0	21
0	0	0	0	0	0	0	0	25	1	0	0	0	0	0	26
0	0	0	0	0	0	0	0	22	1	0	0	1	0	1	25
0	0	0	0	0	0	0	0	76	7	1	0	1	0	1	86
0	0	0	0	0	0	0	0	18	2	0	0	0	0	0	20
0	0	0	0	0	0	0	0	22	2	0	0	0	1	0	25
0	0	0	0	0	0	0	0	20	1	0	0	0	0	0	21
0	0	0	0	0	0	0	0	29	4	1	0	0	0	0	34
0	0	0	0	0	0	0	0	89	9	1	0	0	1	0	100
1	0	0	0	0	0	0	1	29	5	0	0	1	0	1	36
0	0	0	0	0	0	0	0	22	4	0	0	0	0	0	26
0	0	0	0	0	0	0	0	24	3	0	0	0	0	0	27
1	0	0	0	0	0	0	1	29	1	1	0	0	0	0	31
2	0	0	0	0	0	0	2	104	13	1	0	1	0	1	120
0	1	0	0	0	0	0	1	20	2	0	1	1	0	0	24
0	0	0	0	0	0	0	0	23	3	0	0	0	0	0	26
0	0	0	0	0	0	0	0	22	0	0	0	0	0	2	24
0	0	0	0	0	0	0	0	23	2	0	1	0	0	1	27
0	1	0	0	0	0	0	1	88	7	0	2	1	0	3	101
1	1	0	0	0	0	0	2	19	3	0	0	1	0	0	23
0	0	0	0	0	0	0	0	16	1	1	1	0	0	3	22
0	0	0	0	0	0	0	0	17	3	0	0	1	0	2	23
0	0	0	0	0	0	0	0	26	1	0	0	0	0	0	27
1	1	0	0	0	0	0	2	78	8	1	1	2	0	5	95
0	0	0	0	0	0	0	0	20	1	0	0	2	0	0	23
0	0	0	0	0	0	0	0	20	3	1	0	0	0	1	25
0	0	0	0	0	0	0	0	18	0	0	0	1	0	1	20
2	0	0	0	0	0	0	2	23	5	0	0	0	0	0	28
2	0	0	0	0	0	0	2	81	9	1	0	3	0	2	96
1	0	0	0	0	0	0	1	25	2	0	0	0	0	0	27
0	0	0	0	0	0	0	0	27	2	0	0	0	0	4	33
1	1	0	0	0	0	0	2	20	0	0	0	1	0	0	21
0	0	0	0	0	0	0	0	26	3	1	0	0	0	0	30
2	1	0	0	0	0	0	3	98	7	1	0	1	0	4	111
1	0	0	0	0	0	0	1	21	1	0	0	1	0	4	27
1	0	0	0	0	0	0	1	29	4	0	0	0	1	0	34
0	0	0	0	0	0	0	0	22	1	0	0	0	0	0	23
0	0	0	0	0	0	0	0	38	3	0	0	0	0	1	42
2	0	0	0	0	0	0	2	110	9	0	0	1	1	5	126
10	4	0	0	0	0	0	14	942	104	20	3	17	2	23	1111

C => C								C => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	4
0	0	0	0	0	0	0	0	4	1	0	0	0	0	1	6
0	0	0	0	0	0	0	0	11	3	0	0	0	0	3	17
0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
0	0	0	0	0	0	0	0	9	2	1	0	0	0	0	12
0	0	0	0	0	0	0	0	6	2	1	0	0	0	0	9
0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
0	0	0	0	0	0	0	0	26	4	2	0	0	0	0	32
0	0	0	0	0	0	0	0	8	2	0	0	0	0	0	10
0	0	0	0	0	0	0	0	5	0	0	0	0	0	1	6
0	0	0	0	0	0	0	0	9	0	0	0	0	0	2	11
0	0	0	0	0	0	0	0	8	2	0	0	0	0	0	10
0	0	0	0	0	0	0	0	30	4	0	0	0	0	3	37
0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6
0	0	0	0	0	0	0	0	4	0	0	1	0	0	0	5
0	0	0	0	0	0	0	0	11	1	1	0	0	0	0	13
0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
0	0	0	0	0	0	0	0	27	3	1	1	0	0	0	32
0	0	0	0	0	0	0	0	11	0	0	0	0	0	1	12
0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
0	0	0	0	0	0	0	0	39	0	0	0	0	0	1	40
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
0	0	0	0	0	0	0	0	9	2	0	0	0	0	0	11
0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
0	0	0	0	0	0	0	0	34	2	0	0	0	0	0	36
0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	11
0	0	0	0	0	0	0	0	9	0	0	0	0	0	1	10
0	0	0	0	0	0	0	0	16	0	0	0	0	0	3	19
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
0	0	0	0	0	0	0	0	44	1	0	0	0	0	4	49
0	0	0	0	0	0	0	0	11	1	0	0	0	0	0	12
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
0	0	0	0	0	0	0	0	12	0	1	0	0	0	0	13
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
0	0	0	0	0	0	0	0	41	1	1	0	0	0	0	43
0	0	0	0	0	0	0	0	7	1	0	0	0	0	1	9
0	0	0	0	0	0	0	0	14	1	0	0	0	0	0	15
0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11
0	0	0	0	0	0	0	0	11	1	1	0	0	0	0	13
0	0	0	0	0	0	0	0	43	3	1	0	0	0	1	48
0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10
0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
0	0	0	0	0	0	0	0	15	2	0	0	0	0	0	17
0	0	0	0	0	0	0	0	13	0	0	0	0	1	0	14
0	0	0	0	0	0	0	0	42	3	0	0	0	1	0	46
0	0	0	0	0	0	0	0	10	2	0	0	0	0	0	12
0	0	0	0	0	0	0	0	17	1	0	0	0	0	1	19
0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	21
0	0	0	0	0	0	0	0	13	1	0	0	0	0	0	14
0	0	0	0	0	0	0	0	61	4	0	0	0	0	1	66
0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	15
0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	13
0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	11
0	0	0	0	0	0	0	0	11	1	0	0	0	0	0	12
0	0	0	0	0	0	0	0	50	1	0	0	0	0	0	51
0	0	0	0	0	0	0	0	448	29	5	1	0	1	13	497

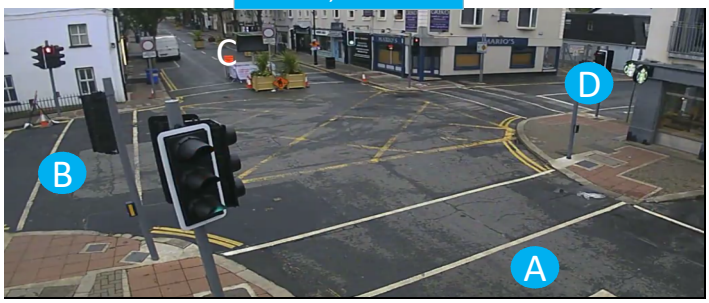
D => A								D => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	6	1	0	0	0	0	2	9
0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6
0	0	0	0	0	0	0	0	7	3	0	0	0	0	2	12
0	0	0	0	0	0	0	0	18	5	0	0	0	0	2	25
0	0	0	0	0	0	0	0	35	11	0	0	0	0	6	52
0	0	0	0	0	0	0	0	12	2	0	0	0	0	2	16
0	0	0	0	0	0	0	0	15	2	0	0	0	0	2	19
0	0	0	0	0	0	0	0	21	3	1	0	0	0	1	26
0	0	0	0	0	0	0	0	30	2	0	0	0	0	3	35
0	0	0	0	0	0	0	0	78	9	1	0	0	0	8	96
0	0	0	0	0	0	0	0	25	1	0	0	0	0	1	27
0	0	0	0	0	0	0	0	25	4	1	0	0	0	0	30
0	0	0	0	0	0	0	0	23	2	1	0	0	0	0	26
0	1	0	0	0	0	0	1	27	4	0	0	0	0	2	33
0	1	0	0	0	0	0	1	100	11	2	0	0	0	3	116
0	0	0	0	0	0	0	0	24	7	0	0	0	0	0	31
0	0	0	0	0	0	0	0	33	4	0	0	0	0	1	38
1	0	0	0	0	0	0	1	25	0	0	1	0	0	1	27
1	0	0	0	0	0	0	1	31	3	0	0	0	0	1	35
2	0	0	0	0	0	0	2	113	14	0	1	0	0	3	131
0	0	0	0	0	0	0	0	20	1	0	0	0	0	3	24
0	0	0	0	0	0	0	0	32	2	0	0	0	0	1	35
0	0	0	0	0	0	0	0	23	5	0	0	0	0	3	31
0	0	0	0	0	0	0	0	27	0	0	0	0	0	2	29
0	0	0	0	0	0	0	0	102	8	0	0	0	0	9	119
0	0	0	0	0	0	1	1	18	1	0	0	0	0	0	19
0	0	0	0	0	0	0	0	24	4	0	0	0	0	5	33
0	0	0	0	0	0	0	0	41	4	0	0	0	0	3	48
0	0	0	0	0	0	0	0	42	6	0	0	0	0	3	51
0	0	0	0	0	0	1	1	125	15	0	0	0	0	11	151
0	0	0	0	0	0	0	0	34	3	0	0	0	0	6	43
0	0	0	0	0	0	0	0	28	3	0	0	0	0	1	32
0	0	0	0	0	0	0	0	40	2	0	0	0	0	6	48
0	0	0	0	0	0	0	0	46	2	0	0	0	0	4	52
0	0	0	0	0	0	0	0	148	10	0	0	0	0	17	175
0	0	0	0	0	0	0	0	46	3	0	0	0	0	1	50
1	0	0	0	0	0	0	1	38	5	0	0	0	0	0	43
0	0	0	0	0	0	0	0	41	4	0	0	0	0	3	48
0	0	0	0	0	0	0	0	36	3	0	0	0	0	2	41
1	0	0	0	0	0	0	1	161	15	0	0	0	0	6	182
0	0	0	0	0	0	0	0	34	1	0	0	0	0	1	36
1	0	0	0	0	0	0	1	32	2	1	0	0	0	3	38
0	0	0	0	0	0	0	0	37	2	0	0	0	0	1	40
0	0	0	0	0	0	0	0	34	6	0	0	0	0	2	42
1	0	0	0	0	0	0	1	137	11	1	0	0	0	7	156
0	0	0	0	0	0	0	0	38	3	0	0	0	0	2	43
1	0	0	0	0	0	0	1	33	6	0	0	0	0	5	44
0	0	0	0	0	0	0	0	36	2	0	0	0	1	4	43
0	0	0	0	0	0	0	0	44	2	0	0	0	0	5	51
1	0	0	0	0	0	0	1	151	13	0	0	0	1	16	181
0	0	0	0	0	0	0	0	35	1	0	0	0	0	4	40
0	0	0	0	0	0	0	0	56	4	0	0	0	0	3	63
0	0	0	0	0	0	0	0	48	2	0	0	0	0	2	52
0	0	0	0	0	0	0	0	53	3	0	0	0	0	4	60
0	0	0	0	0	0	0	0	192	10	0	0	0	0	13	215
0	0	0	0	0	0	0	0	49	1	0	0	0	0	2	52
0	0	0	0	0	0	0	0	50	1	0	0	0	0	5	56
0	0	0	0	0	0	0	0	50	1	0	0	0	0	9	60
0	0	0	0	0	0	0	0	34	0	1	0	0	0	13	48
0	0	0	0	0	0	0	0	183	3	1	0	0	0	29	216
5	1	0	0	0	0	1	7	1525	130	5	1	0	1	128	1790

D => C								D => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	3	6	0	0	0	0	0	0	0	0

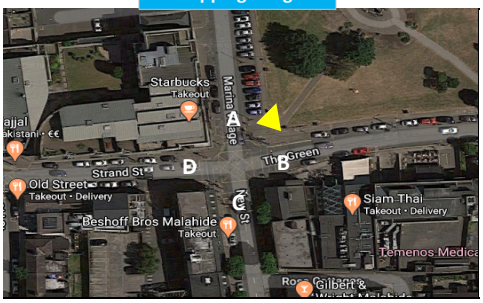
Survey Name :	ITS J-410 Malahide
Site:	3
Date:	15.07.20
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

Site 3, Card A10

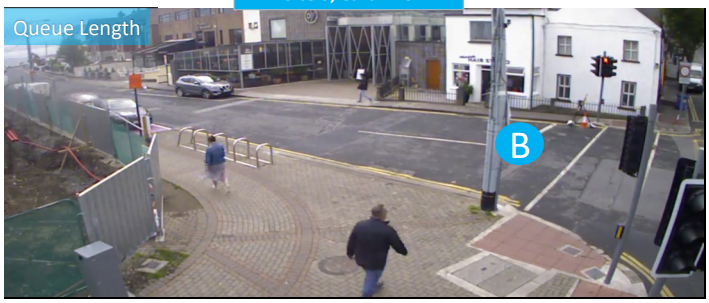


Mapping Image

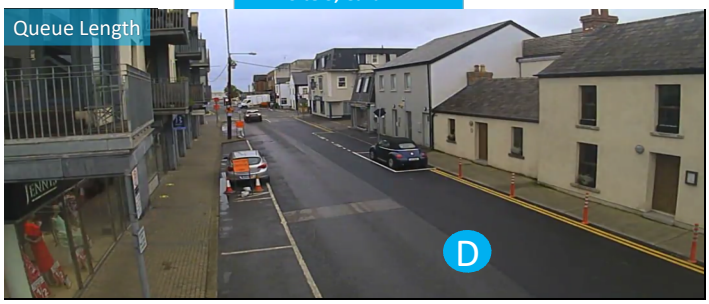


Survey duration:	12h
Time Period:	07:00-19:00
Junction Type:	4 Arm Junction
Reporting Interval:	15min
Classification scheme:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C
Queues Required:	Yes
Pedestrian required:	No

Site 3, Card T16

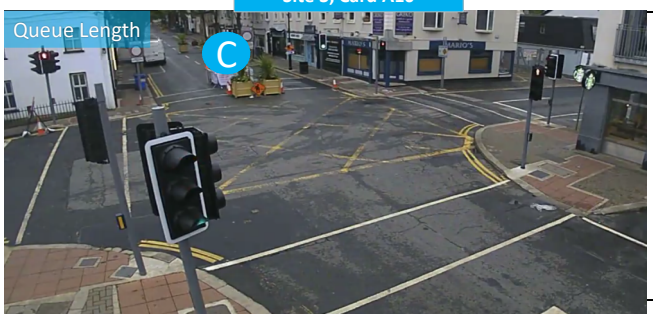


Site 3, Card A7



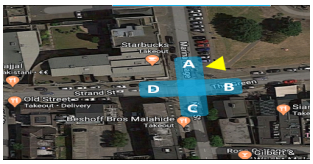
Site 3, Card T7

Site 3, Card A10

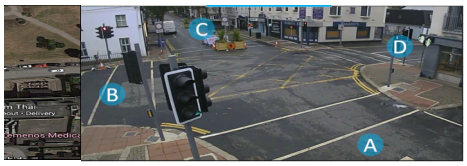


Survey Name :	ITS J-410 Malahide
Site:	3
Date:	15.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys



	A => A								A => B							
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
07:15	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
07:30	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10
07:45	0	0	0	0	0	0	0	0	9	1	0	0	0	1	0	11
H/TOT	0	0	0	0	0	0	0	0	28	3	0	0	0	1	0	32
08:00	0	0	0	0	0	0	0	0	14	1	1	0	0	1	0	17
08:15	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
08:30	0	0	0	0	0	0	0	0	17	1	0	0	0	0	0	18
08:45	0	0	0	0	0	0	0	0	15	1	0	0	0	0	0	16
H/TOT	0	0	0	0	0	0	0	0	54	3	1	0	0	1	0	59
09:00	0	0	0	0	0	0	0	0	8	4	1	0	0	0	0	13
09:15	0	0	0	0	0	0	0	0	10	2	2	0	0	0	0	14
09:30	0	0	0	0	0	0	0	0	14	0	0	0	0	0	0	14
09:45	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	13
H/TOT	0	0	0	0	0	0	0	0	45	6	3	0	0	0	0	54
10:00	0	0	0	0	0	0	0	0	8	3	0	0	0	0	0	11
10:15	0	0	0	0	0	0	0	0	13	2	0	0	0	0	1	16
10:30	0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10
10:45	0	0	0	0	0	0	0	0	14	1	0	0	0	0	0	15
H/TOT	0	0	0	0	0	0	0	0	44	7	0	0	0	0	1	52
11:00	0	0	0	0	0	0	0	0	13	1	0	0	0	0	0	14
11:15	0	0	0	0	0	0	0	0	7	2	0	0	0	0	0	9
11:30	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
11:45	0	0	0	0	0	0	0	0	12	3	0	0	0	0	0	15
H/TOT	0	0	0	0	0	0	0	0	42	6	0	0	0	0	0	48
12:00	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	15
12:15	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
12:30	0	1	0	0	0	0	0	1	8	1	0	0	0	0	0	9
12:45	0	0	0	0	0	0	0	0	17	1	0	0	0	0	2	20
H/TOT	0	1	0	0	0	0	0	1	46	2	0	0	0	0	2	50
13:00	0	0	0	0	0	0	0	0	16	1	0	0	0	0	0	17
13:15	0	0	0	0	0	0	0	0	14	3	0	0	0	0	0	17
13:30	0	0	0	0	0	0	0	0	14	1	0	0	0	0	4	19
13:45	0	0	0	0	0	0	0	0	14	2	0	0	0	0	4	20
H/TOT	0	0	0	0	0	0	0	0	58	7	0	0	0	0	8	73
14:00	0	0	0	0	0	0	0	0	19	2	0	0	0	0	0	21
14:15	0	0	0	0	0	0	0	0	13	2	0	0	0	0	2	17
14:30	0	0	0	0	0	0	0	0	20	2	0	0	0	0	0	22
14:45	0	0	0	0	0	0	1	1	12	0	0	0	0	0	1	13
H/TOT	0	0	0	0	0	0	1	1	64	6	0	0	0	0	3	73
15:00	0	0	0	0	0	0	0	0	11	2	1	0	0	0	0	14
15:15	0	0	0	0	0	0	0	0	16	1	0	0	0	0	1	18
15:30	0	0	0	0	0	0	0	0	9	1	1	0	0	0	2	13
15:45	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	9
H/TOT	0	0	0	0	0	0	0	0	44	5	2	0	0	0	3	54
16:00	0	0	0	0	0	0	0	0	18	3	0	0	0	0	0	21
16:15	0	0	0	0	0	0	0	0	18	1	0	0	0	0	2	21
16:30	1	0	0	0	0	0	0	1	19	2	0	0	0	0	0	21
16:45	0	0	0	0	0	0	0	0	16	1	0	0	0	1	9	27
H/TOT	1	0	0	0	0	0	0	1	71	7	0	0	0	1	11	90
17:00	0	0	0	0	0	0	0	0	20	2	0	0	0	0	0	22
17:15	0	0	0	0	0	0	0	0	10	0	0	0	0	1	5	16
17:30	0	0	0	0	0	0	0	0	20	1	0	0	0	0	0	21
17:45	0	0	0	0	0	0	0	0	15	1	0	0	0	0	2	18
H/TOT	0	0	0	0	0	0	0	0	65	4	0	0	0	1	7	77
18:00	0	0	0	0	0	0	0	0	12	2	0	0	0	0	0	14
18:15	0	0	0	0	0	0	0	0	20	1	0	0	0	0	0	21
18:30	0	0	0	0	0	0	0	0	20	1	0	0	0	0	2	23
18:45	0	0	0	0	0	0	0	0	26	2	0	0	0	0	1	29
H/TOT	0	0	0	0	0	0	0	0	78	6	0	0	0	0	3	87
12 TOT	1	1	0	0	0	0	1	3	639	62	6	0	0	4	38	749



A => C								A => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	11
0	0	0	0	0	0	1	1	5	0	0	0	0	0	2	7
1	0	0	0	0	0	0	1	10	2	0	0	0	0	0	12
0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	7
0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
1	0	0	0	0	0	1	2	26	4	0	0	0	0	2	32
0	1	0	0	0	0	1	2	4	0	0	0	0	0	0	4
0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6
0	0	0	0	0	0	0	0	4	2	1	0	0	0	0	7
0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
0	1	0	0	0	0	1	2	16	4	1	0	0	0	0	21
0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
0	0	0	0	0	0	0	0	5	3	0	0	0	0	0	8
0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	15
0	0	0	0	0	0	0	0	27	4	0	0	0	0	0	31
0	0	0	0	0	0	1	1	12	0	0	0	0	0	0	12
0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
0	0	0	0	0	0	0	0	10	1	0	0	0	0	1	12
0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	9
0	0	0	0	0	0	1	1	37	2	0	0	0	0	1	40
0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	9
0	0	0	0	0	0	0	0	13	1	0	0	0	0	0	14
0	0	0	0	0	0	0	0	9	5	1	0	0	0	0	15
0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	9
0	0	0	0	0	0	0	0	39	7	1	0	0	0	0	47
0	0	0	0	0	0	0	0	11	3	0	0	0	0	0	14
0	0	0	0	0	0	0	0	11	1	0	0	0	0	1	13
0	0	0	0	0	0	0	0	7	1	0	0	0	0	4	12
0	0	0	0	0	0	3	3	8	2	0	0	0	0	0	10
0	0	0	0	0	0	3	3	37	7	0	0	0	0	5	49
0	0	0	0	0	0	0	0	11	1	0	0	0	0	0	12
0	0	0	0	0	0	0	0	5	0	0	0	0	0	1	6
0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6
0	0	0	0	0	0	2	2	6	0	0	0	0	0	2	8
0	0	0	0	0	0	2	2	27	2	0	0	0	0	3	32
0	0	0	0	0	0	1	1	9	0	0	0	0	0	1	10
0	0	0	0	0	0	1	1	15	2	0	0	0	0	0	17
0	0	0	0	0	0	0	0	8	2	0	0	0	0	0	10
0	0	0	0	0	0	1	1	12	0	0	0	0	0	0	12
0	0	0	0	0	0	3	3	44	4	0	0	0	0	1	49
0	0	0	0	0	0	0	0	11	1	0	0	0	0	1	13
0	0	0	0	0	0	0	0	11	3	0	0	0	0	0	14
0	0	0	0	0	0	1	1	13	2	0	0	0	0	2	17
0	0	0	0	0	0	1	1	16	1	0	0	0	0	1	18
0	0	0	0	0	0	2	2	51	7	0	0	0	0	4	62
0	0	0	0	0	0	2	2	16	0	0	0	0	0	3	19
0	0	0	0	0	0	0	0	6	1	0	0	0	0	2	9
0	0	0	0	0	0	1	1	14	0	0	0	0	0	4	18
0	0	0	0	0	0	0	0	10	1	0	0	0	0	3	14
0	0	0	0	0	0	3	3	46	2	0	0	0	0	12	60
0	0	0	0	0	0	0	0	8	0	0	0	0	0	3	11
0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
0	0	0	0	0	0	1	1	6	2	0	0	0	0	3	11
0	0	0	0	0	0	2	2	14	0	0	0	0	0	5	19
0	0	0	0	0	0	3	3	36	2	0	0	0	0	11	49
1	1	0	0	0	0	19	21	396	46	2	0	0	0	39	483

B => A								B => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	1	0	7	0	0	0	0	0	0	0	0
5	0	1	0	0	0	0	6	0	0	0	0	0	0	0	0
13	0	1	0	0	1	0	15	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
6	1	0	0	0	1	0	8	0	0	0	0	0	0	0	0
5	2	0	0	0	0	0	7	0	0	0	0	0	0	0	0
3	3	0	0	0	0	0	6	0	0	0	0	0	0	0	0
18	6	0	0	0	1	0	25	0	0	0	0	0	0	0	0
9	1	2	0	0	0	0	12	0	0	0	0	0	0	0	0
3	0	0	0	0	1	0	4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
2	2	0	0	0	0	0	4	0	0	0	0	0	0	0	0
19	3	2	0	0	1	0	25	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
4	3	0	0	0	0	1	8	1	0	0	0	0	0	0	1
4	2	0	0	0	0	0	6	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
20	6	0	0	0	0	1	27	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
10	1	0	0	0	0	0	11	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
24	2	0	0	0	0	0	26	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
9	2	0	0	0	0	0	11	0	0	0	0	0	0	0	0
12	1	0	0	0	0	0	13	0	0	0	0	0	0	0	0
28	3	0	0	0	0	0	31	2	0	0	0	0	0	0	2
10	1	0	0	0	1	0	12	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	18	1	0	0	0	0	0	0	1
14	3	0	0	0	0	0	17	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
52	5	0	0	0	1	0	58	1	0	0	0	0	0	0	1
9	0	0	0	0	0	2	11	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
11	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
32	2	0	0	0	0	2	36	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
11	2	0	0	0	0	0	13	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
26	5	0	0	0	0	0	31	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0
12	0	0	0	0	0	2	14	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
10	0	0	0	0	0	2	12	0	1	0	0	0	0	0	1
38	0	0	0	0	0	4	42	0	1	0	0	0	0	0	1
10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
6	0	0	0	0	0	4	10	0	0	0	0	0	0	0	0
9	1	0	0	0	0	0	10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	2	13	0	0	0	0	0	0	0	0
36	1	0	0	0	0	6	43	0	0	0	0	0	0	0	0
10	0	0	0	0	0	1	11	0	0	0	0	0	0	0	0
9	1	0	0	0	0	0	10	0	0	0	0	0	0	0	0
13	0	0	0	0	0	4	17	0	0	0	0	0	0	0	0
13	0	0	0	0	0	3	16	0	0	0	0	0	0	0	0
45	1	0	0	0	0	8	54	0	0	0	0	0	0	0	0
351	34	3	0	0	4	21	413	4	1	0	0	0	0	0	5

B => C								B => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	2
0	0	1	0	0	0	0	1	2	2	0	0	0	0	0	4
0	0	0	0	0	0	0	0	2	1	0	0	0	0	2	5
0	1	0	0	0	0	0	1	5	1	0	0	0	0	0	6
0	1	2	0	0	0	0	3	9	4	0	0	0	0	4	17
0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
1	0	0	0	0	0	0	1	5	3	0	0	0	0	0	8
0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7
0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	5
1	0	0	0	0	0	0	1	17	8	0	0	0	0	0	25
0	1	0	0	0	0	1	2	6	1	0	0	0	0	1	8
0	1	1	0	0	0	0	2	12	3	0	0	0	0	1	16
0	0	1	0	0	0	0	1	7	0	0	0	0	0	2	9
1	0	0	0	0	0	0	1	9	1	0	0	0	0	0	10
1	2	2	0	0	0	1	6	34	5	0	0	0	0	4	43
0	1	0	0	0	0	0	1	11	5	0	0	0	0	0	16
0	1	0	0	0	0	0	1	10	0	0	0	0	0	2	12
0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	21
0	0	0	0	0	0	0	0	15	2	0	0	0	0	1	18
0	2	0	0	0	0	0	2	57	7	0	0	0	0	3	67
0	0	0	0	0	0	0	0	14	1	0	0	0	0	2	17
0	0	0	0	0	0	0	0	16	0	0	0	0	0	1	17
0	0	0	0	0	0	0	0	19	2	0	0	0	0	0	21
1	0	0	0	0	0	0	1	8	3	0	0	0	0	0	11
1	0	0	0	0	0	0	1	57	6	0	0	0	0	3	66
0	0	0	0	0	0	0	0	14	1	0	0	0	0	3	18
0	0	0	0	0	0	0	0	20	3	0	0	0	0	2	25
0	0	0	0	0	0	0	0	24	4	0	0	0	0	0	28
0	0	0	0	0	0	0	0	23	1	0	0	0	0	2	26
0	0	0	0	0	0	0	0	81	9	0	0	0	0	7	97
0	0	0	0	0	0	0	0	19	4	0	0	0	0	1	24
1	0	0	0	0	0	0	1	15	2	0	0	0	0	1	18
0	0	0	0	0	0	2	2	20	1	0	0	0	0	1	22
0	0	0	0	0	0	0	0	14	0	0	0	0	0	2	16
1	0	0	0	0	0	2	3	68	7	0	0	0	0	5	80
1	0	0	0	0	0	0	1	21	2	0	0	0	0	0	23
1	0	0	0	0	0	0	1	14	3	0	0	0	0	1	18
1	0	0	0	0	0	0	1	16	1	0	0	0	0	0	17
0	1	0	0	0	0	0	1	12	1	0	0	0	0	1	14
3	1	0	0	0	0	0	4	63	7	0	0	0	0	2	72
0	0	0	0	0	0	0	0	18	2	0	0	0	0	0	20
0	0	0	0	0	0	2	2	18	5	1	0	0	0	2	26
0	0	0	0	0	0	0	0	22	0	0	0	0	0	2	24
0	0	0	0	0	0	2	2	23	2	0	0	0	0	0	25
0	0	0	0	0	0	4	4	81	9	1	0	0	0	4	95
0	0	0	0	0	0	0	0	18	3	0	0	0	0	1	22
0	0	0	0	0	0	0	0	19	0	0	0	0	0	1	20
0	0	0	0	0	0	0	0	21	1	0	0	0	0	2	24
1	0	0	0	0	0	0	1	20	2	0	0	0	0	1	23
1	0	0	0	0	0	0	1	78	6	0	0	0	0	5	89
0	0	0	0	0	0	0	0	29	1	0	0	0	1	2	33
0	0	0	0	0	0	0	0	14	3	0	0	0	0	1	18
0	0	0	0	0	0	0	0	13	1	0	0	0	0	5	19
0	0	0	0	0	0	0	0	11	0	1	0	0	0	2	14
0	0	0	0	0	0	0	0	67	5	1	0	0	1	10	84
0	0	0	0	0	0	0	0	15	1	0	0	0	0	2	18
1	0	0	0	0	0	0	1	10	0	0	0	0	0	2	12
0	0	0	0	0	0	0	0	21	2	0	0	0	0	0	23
0	0	0	0	0	0	0	0	7	1	0	0	0	1	2	11
1	0	0	0	0	0	0	1	53	4	0	0	0	1	6	64
9	6	4	0	0	0	7	26	665	77	2	0	0	2	53	799

C => A								C => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	3	1	1	0	0	0	1	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	2
0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	5
0	1	0	0	0	0	1	2	1	4	2	0	0	0	0	7
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	2	3	0	0	0	0	1	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	3
0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	3	3	1	0	0	0	0	0	2	3
0	0	0	0	0	0	2	2	0	0	0	0	0	0	2	2
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0
0	0	0	0	0	0	8	8	0	0	0	0	0	0	4	4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	5	5	1	0	0	0	0	0	0	1
0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	8	8	1	0	0	0	0	0	1	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	7	7	1	0	0	0	0	0	3	4
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	8	8	2	0	0	0	0	0	3	5
0	0	0	0	0	0	2	2	1	0	0	0	0	0	0	1
0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	6	6	1	0	0	0	0	0	2	3
0	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
0	1	0	0	0	0	1	2	1	0	0	0	0	0	3	4
0	2	0	0	0	0	36	38	13	10	3	0	0	0	18	44

C => C								C => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
0	0	0	0	0	0	0	0	3	1	0	0	0	0	4	8
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	1	1	10	2	0	0	0	0	15	27

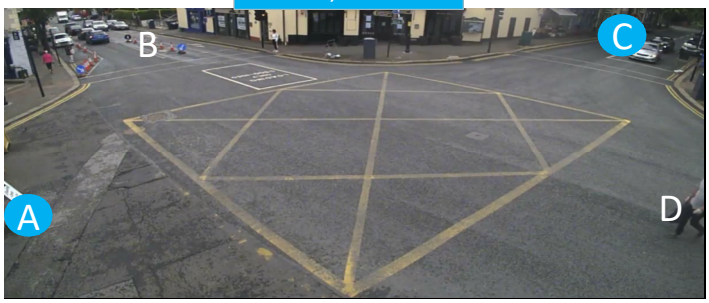
D => A								D => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
5	1	0	0	0	0	0	6	6	1	1	0	0	0	2	10
3	3	1	0	0	0	0	7	5	2	0	0	3	0	0	10
3	3	0	0	0	0	0	6	10	3	0	0	0	0	2	15
17	5	0	0	0	0	1	23	15	3	0	0	1	0	2	21
28	12	1	0	0	0	1	42	36	9	1	0	4	0	6	56
10	1	0	0	0	0	0	11	11	3	0	0	0	0	2	16
13	2	0	0	0	0	0	15	16	2	1	0	0	0	2	21
12	1	0	0	0	0	1	14	26	1	1	0	1	0	0	29
12	3	0	0	0	0	0	15	30	7	1	0	0	0	4	42
47	7	0	0	0	0	1	55	83	13	3	0	1	0	8	108
8	1	0	0	0	0	0	9	22	1	0	0	0	0	1	24
12	2	1	0	0	0	0	15	21	5	1	0	1	0	0	28
14	0	0	0	0	0	0	14	20	1	1	0	0	0	0	22
8	2	0	0	0	0	0	10	31	5	1	0	1	0	2	40
42	5	1	0	0	0	0	48	94	12	3	0	2	0	3	114
17	2	0	0	0	0	0	19	29	8	0	0	0	0	0	37
11	1	0	0	0	0	1	13	33	4	1	0	0	0	1	39
10	1	0	0	0	0	0	11	32	1	2	1	0	0	2	38
14	0	0	0	0	0	0	14	41	4	2	0	1	0	1	49
52	4	0	0	0	0	1	57	135	17	5	1	1	0	4	163
13	0	0	0	0	0	0	13	26	2	0	0	0	0	1	29
9	1	0	0	0	0	0	10	34	4	1	0	0	0	2	41
11	1	0	0	0	0	0	12	38	4	0	0	0	0	3	45
23	1	0	0	0	0	1	25	28	2	0	0	1	0	1	32
56	3	0	0	0	0	1	60	126	12	1	0	1	0	7	147
9	2	0	0	0	0	0	11	32	1	0	0	0	0	0	33
11	4	0	0	0	0	0	15	33	2	0	0	0	1	3	39
13	1	0	0	0	0	0	14	44	4	0	0	0	0	0	48
18	1	0	0	0	0	1	20	50	7	1	0	0	0	1	59
51	8	0	0	0	0	1	60	159	14	1	0	0	1	4	179
21	6	0	0	0	0	2	29	36	3	0	0	1	0	1	41
17	3	0	0	0	0	1	21	42	4	0	0	0	0	0	46
13	1	0	0	0	0	0	14	43	4	0	0	0	0	6	53
28	1	0	0	0	0	0	29	38	3	0	0	0	0	4	45
79	11	0	0	0	0	3	93	159	14	0	0	1	0	11	185
18	1	0	0	0	0	0	19	51	5	0	1	1	0	0	58
14	1	0	0	0	0	0	15	49	5	0	0	0	0	0	54
23	1	0	0	0	0	3	27	34	3	0	0	0	0	0	37
19	0	0	0	0	0	1	20	50	5	0	1	0	0	3	59
74	3	0	0	0	0	4	81	184	18	0	2	1	0	3	208
10	0	0	0	0	0	0	10	42	3	0	0	1	0	1	47
11	1	1	0	0	0	2	15	35	4	0	0	0	0	1	40
11	2	0	0	0	0	0	13	40	4	0	1	1	0	3	49
21	1	0	0	0	0	0	22	43	5	0	0	0	0	5	53
53	4	1	0	0	0	2	60	160	16	0	1	2	0	10	189
19	0	0	0	0	0	0	19	38	5	0	0	2	0	0	45
13	3	0	0	0	0	1	17	38	5	0	0	0	0	2	45
9	1	0	0	0	0	0	10	49	3	0	0	1	1	4	58
22	2	0	0	0	0	0	24	45	3	0	0	0	0	4	52
63	6	0	0	0	0	1	70	170	16	0	0	3	1	10	200
19	0	0	0	0	0	1	20	35	3	0	0	0	0	3	41
23	2	0	0	0	0	0	25	49	4	0	0	0	0	1	54
17	1	0	0	0	0	5	23	53	1	0	0	1	0	4	59
15	3	0	0	0	0	3	21	59	5	0	0	0	0	1	65
74	6	0	0	0	0	9	89	196	13	0	0	1	0	9	219
27	2	0	0	0	0	4	33	40	0	0	0	1	0	1	42
25	3	0	0	0	1	0	29	62	1	0	0	0	0	5	68
13	1	0	0	0	0	5	19	49	2	0	0	0	0	2	53
27	0	0	0	0	0	0	27	51	2	0	0	0	0	8	61
92	6	0	0	0	1	9	108	202	5	0	0	1	0	16	224
711	75	3	0	0	1	33	823	1704	159	14	4	18	2	91	1992

D => C								D => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2	0	0	0	0	0	3	0	0	0	0	0	0	0	0
1	2	0	1	0	0	0	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
1	1	0	1	0	0	0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	1	0	1	0	0	0	6	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	1	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0
1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0
1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	7	9	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
1	1	0	0	0	0	2	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0
1	0	0	0	0	0	5	6	0	0	0	0	0	0	0	0
16	7	0	2	0	0	20	45	0	0	0	0	0	0	0	0

Survey Name :	ITS J-410 Malahide
Site:	4
Date:	15.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

Site 4, Card T13

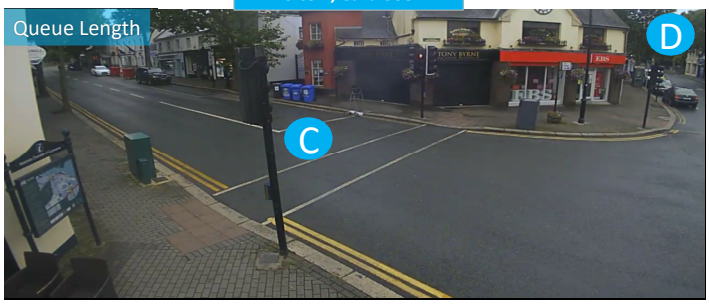


Mapping Image

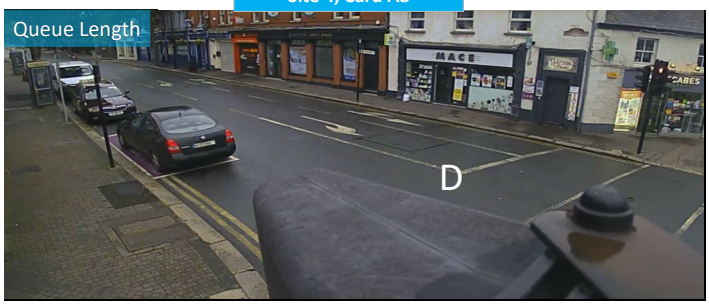
Survey duration:	12h
Time Period:	07:00-19:00
Junction Type:	4 Arm Junction
Reporting Interval:	15min
Classification scheme:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C
Queues Required:	Yes
Pedestrian required:	No

Site 4, Card T13

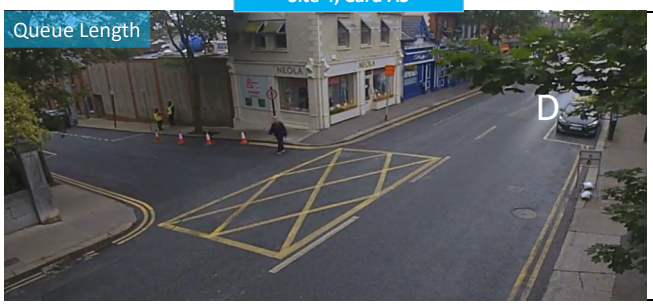
Site 4, Card S08



Site 4, Card A8



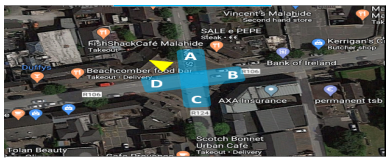
Site 4, Card A5



Survey Name :	ITS J-410 Malahide
Site:	4
Date:	15.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

	A => A								A => B							
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
07:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
08:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	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	0	0
14:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	1
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2
12 TOT	0	0	0	0	0	0	1	1	2	4	1	0	0	0	8	15



A => C								A => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
0	0	1	0	0	0	0	1	0	3	0	0	0	0	0	3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	2	0	0	0	0	1	3
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	1	1	0	0	0	0	2
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	3	3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
1	2	1	0	0	0	12	16	0	6	1	0	0	0	5	12

B => A								B => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	3	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	7	7	0	0	0	0	0	0	0	0
0	2	1	0	0	0	24	27	0	0	0	0	0	0	0	0

B => C								B => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
4	1	1	0	0	0	0	6	33	2	0	0	1	0	1	37
0	0	0	0	0	0	0	0	31	4	1	0	3	0	1	40
5	0	0	0	0	0	0	5	41	5	1	1	1	0	4	53
5	0	0	0	0	0	0	5	40	4	1	0	1	1	2	49
14	1	1	0	0	0	0	16	145	15	3	1	6	1	8	179
13	2	0	0	0	0	0	15	55	2	0	0	1	0	9	67
8	0	0	0	0	0	0	8	59	7	3	0	0	0	5	74
12	0	1	0	0	0	0	13	77	8	3	1	2	0	1	92
20	1	0	0	0	0	1	22	60	2	0	1	0	0	2	65
53	3	1	0	0	0	1	58	251	19	6	2	3	0	17	298
10	1	0	0	0	0	0	11	61	11	3	0	1	0	0	76
9	0	0	0	0	0	0	9	57	7	3	2	2	0	0	71
6	0	1	0	0	0	2	9	57	7	3	0	0	0	0	67
14	4	1	0	0	0	1	20	61	10	0	1	2	0	2	76
39	5	2	0	0	0	3	49	236	35	9	3	5	0	2	290
13	3	0	0	0	0	0	16	71	9	5	0	1	0	0	86
13	0	0	0	0	0	0	13	64	6	3	0	0	0	1	74
17	2	0	0	0	0	0	19	81	10	2	1	1	1	0	96
12	1	1	0	0	0	0	14	88	9	1	0	1	1	2	102
55	6	1	0	0	0	0	62	304	34	11	1	3	2	3	358
14	1	0	0	0	0	0	15	82	12	2	2	1	0	1	100
15	0	0	0	0	0	1	16	70	10	4	0	0	0	0	84
17	1	0	0	0	0	0	18	76	12	0	0	1	1	1	91
14	3	0	0	0	0	0	17	84	4	4	0	1	1	4	98
60	5	0	0	0	0	1	66	312	38	10	2	3	2	6	373
18	2	0	0	0	1	0	21	95	5	2	0	1	0	5	108
15	2	0	0	0	0	0	17	89	8	1	1	0	0	3	102
8	0	0	0	0	0	0	8	67	13	1	1	1	4	2	89
19	2	0	0	0	0	1	22	76	8	3	1	0	0	2	90
60	6	0	0	0	1	1	68	327	34	7	3	2	4	12	389
18	2	0	0	0	0	0	20	78	8	2	1	2	0	2	93
13	2	0	0	0	0	0	15	78	8	1	0	0	0	6	93
10	2	0	0	0	0	0	12	98	6	4	1	1	0	2	112
16	1	0	0	0	0	1	18	77	13	0	1	0	0	5	96
57	7	0	0	0	0	1	65	331	35	7	3	3	0	15	394
22	0	0	0	1	0	2	25	83	11	0	0	2	1	3	100
21	5	0	0	0	0	0	26	71	7	0	1	0	0	1	80
15	2	0	0	0	0	1	18	81	14	2	1	1	0	1	100
13	1	0	0	0	0	0	14	83	6	4	2	0	0	3	98
71	8	0	0	1	0	3	83	318	38	6	4	3	1	8	378
13	2	0	0	0	0	0	15	81	7	2	2	3	1	5	101
16	4	0	0	0	0	2	22	79	12	3	0	0	2	3	99
13	1	0	0	0	0	0	14	88	12	3	1	2	0	0	106
18	1	0	0	0	0	0	19	98	12	0	1	0	1	1	113
60	8	0	0	0	0	2	70	346	43	8	4	5	4	9	419
13	0	0	0	0	0	0	13	83	12	1	0	3	0	2	101
6	1	0	0	0	0	0	7	81	8	1	0	0	0	4	94
12	1	0	0	0	0	0	13	89	9	1	0	2	0	3	104
8	1	0	0	0	0	0	9	93	12	0	0	0	1	3	109
39	3	0	0	0	0	0	42	346	41	3	0	5	1	12	408
12	0	0	0	1	0	1	14	90	14	0	0	1	0	3	108
19	3	0	0	0	1	2	25	67	6	0	0	0	0	6	79
12	0	0	0	0	0	0	12	92	9	0	0	2	0	2	105
15	1	0	0	0	0	0	16	85	6	1	0	0	0	7	99
58	4	0	0	1	1	3	67	334	35	1	0	3	0	18	391
19	1	0	0	0	0	0	20	80	8	0	0	2	0	1	91
12	1	0	0	0	0	0	13	73	5	0	0	1	1	7	87
18	1	0	0	0	1	0	20	92	6	1	0	1	0	6	106
16	1	0	0	0	1	1	19	89	3	1	0	2	0	1	96
65	4	0	0	0	2	1	72	334	22	2	0	6	1	15	380
631	60	5	0	2	4	16	718	3584	389	73	23	47	16	125	4257

C => A								C => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
1	0	0	0	0	0	0	1	4	1	0	0	0	0	0	5
0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	11
1	0	0	0	0	0	0	1	17	3	1	0	0	0	0	21
0	0	0	0	0	0	0	0	9	0	1	0	0	0	0	10
0	0	0	0	0	0	0	0	11	0	0	0	0	1	1	13
0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	11
0	0	0	0	0	0	0	0	18	1	0	0	0	0	0	19
0	0	0	0	0	0	0	0	48	2	1	0	0	1	1	53
0	0	0	0	0	0	0	0	9	0	0	0	0	0	1	10
0	0	0	0	0	0	0	0	9	2	1	0	0	1	0	13
0	0	0	0	0	0	0	0	8	2	1	0	0	0	0	11
0	0	0	0	0	0	0	0	14	2	0	0	0	0	0	16
0	0	0	0	0	0	0	0	40	6	2	0	0	1	1	50
1	0	0	0	0	0	0	1	16	2	0	0	0	0	0	18
0	0	0	0	0	0	1	1	20	1	0	0	0	0	0	21
0	0	0	0	0	0	0	0	19	1	0	0	0	0	0	20
0	0	0	0	0	0	0	0	19	1	1	0	0	0	0	21
1	0	0	0	0	0	1	2	74	5	1	0	0	0	0	80
0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10
0	0	0	0	0	0	0	0	9	2	0	0	0	0	0	11
0	0	0	0	0	0	0	0	15	0	0	0	0	1	1	17
0	0	0	0	0	0	0	0	14	1	0	0	0	0	0	15
0	0	0	0	0	0	0	0	47	4	0	0	0	1	1	53
0	0	0	0	0	0	0	0	25	1	0	0	0	0	0	26
0	0	0	0	0	0	0	0	21	3	0	0	0	0	0	24
0	0	0	0	0	0	1	1	14	2	0	0	0	0	0	16
0	0	0	0	0	0	0	0	22	2	0	0	0	0	0	24
0	0	0	0	0	0	1	1	82	8	0	0	0	0	0	90
0	0	0	0	0	0	0	0	16	3	0	0	0	0	0	19
0	0	0	0	0	0	1	1	21	2	0	0	0	0	2	25
0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	21
0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	18
0	0	0	0	0	0	1	1	76	5	0	0	0	0	2	83
0	0	0	0	0	0	0	0	23	2	0	0	0	0	0	25
0	0	0	0	0	0	0	0	26	1	0	0	0	0	0	27
0	0	0	0	0	0	0	0	20	2	0	0	0	0	0	22
0	0	0	0	0	0	0	0	25	2	0	0	0	0	1	28
0	0	0	0	0	0	0	0	94	7	0	0	0	0	1	102
0	0	0	0	0	0	0	0	13	2	0	0	0	0	1	16
0	0	0	0	0	0	0	0	21	2	1	0	0	0	0	24
0	0	0	0	0	0	0	0	21	2	0	0	0	0	0	23
0	0	0	0	0	0	0	0	18	1	0	0	0	0	1	20
0	0	0	0	0	0	0	0	73	7	1	0	0	0	2	83
0	0	0	0	0	0	0	0	21	1	0	0	0	0	0	22
0	0	0	0	0	0	0	0	27	3	0	0	0	0	0	30
0	0	0	0	0	0	1	1	25	0	0	0	0	0	0	25
0	0	0	0	0	0	0	0	13	0	0	0	0	0	2	15
0	0	0	0	0	0	1	1	86	4	0	0	0	0	2	92
0	0	0	0	0	0	0	0	16	2	0	0	0	0	1	19
0	0	0	0	0	0	1	1	19	1	0	0	0	0	0	20
0	0	0	0	0	0	0	0	17	2	0	0	0	0	0	19
0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	13
0	0	0	0	0	0	1	1	65	5	0	0	0	0	1	71
0	0	0	0	0	0	0	0	21	1	0	0	0	0	0	22
0	0	0	0	0	0	0	0	26	2	0	0	0	0	0	28
0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	18
0	0	0	0	0	0	0	0	21	0	0	0	0	0	1	22
0	0	0	0	0	0	0	0	86	3	0	0	0	0	1	90
2	0	0	0	0	0	5	7	788	59	6	0	0	3	12	868

C => C								C => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	5
0	0	0	0	0	0	0	0	6	4	0	0	2	0	0	12
0	0	0	0	0	0	0	0	7	0	0	0	1	1	0	9
0	0	0	0	0	0	0	0	12	0	0	0	1	0	2	15
0	0	0	0	0	0	0	0	29	4	0	0	5	1	2	41
0	0	0	0	0	0	0	0	17	2	0	0	2	0	0	21
0	0	0	0	0	0	0	0	13	2	0	0	1	0	0	16
0	0	0	0	0	0	0	0	14	2	0	0	0	0	0	16
0	0	0	0	0	0	0	0	23	0	1	0	1	0	0	25
0	0	0	0	0	0	0	0	67	6	1	0	4	0	0	78
0	0	0	0	0	0	0	0	12	2	0	0	1	0	0	15
0	0	0	0	0	0	0	0	16	0	0	0	1	0	1	18
0	0	0	0	0	0	0	0	17	3	0	0	0	0	1	21
0	0	0	0	0	0	0	0	27	6	0	0	1	0	1	35
0	0	0	0	0	0	0	0	72	11	0	0	3	0	3	89
0	0	0	0	0	0	0	0	18	1	0	0	0	0	0	19
0	0	0	0	0	0	0	0	18	1	1	0	1	0	2	23
0	0	0	0	0	0	0	0	21	3	0	0	0	0	0	24
0	0	0	0	0	0	0	0	22	4	1	0	1	0	0	28
0	0	0	0	0	0	0	0	79	9	2	0	2	0	2	94
0	0	0	0	0	0	0	0	17	2	1	0	0	0	0	20
1	0	0	0	0	0	0	1	20	4	2	1	1	0	0	28
0	0	0	0	0	0	0	0	31	5	0	0	0	0	0	36
0	0	0	0	0	0	0	0	16	6	1	0	1	0	0	24
1	0	0	0	0	0	0	1	84	17	4	1	2	0	0	108
0	0	0	0	0	0	0	0	16	1	0	1	0	0	0	18
0	0	0	0	0	0	0	0	15	2	0	0	1	0	0	18
0	0	0	0	0	0	0	0	27	4	0	0	0	0	0	31
0	0	0	0	0	0	0	0	27	1	0	0	1	0	0	29
0	0	0	0	0	0	0	0	85	8	0	1	2	0	0	96
0	0	0	0	0	0	0	0	28	3	0	0	0	0	0	31
0	0	0	0	0	0	0	0	28	3	0	0	1	0	0	32
0	0	0	0	0	0	0	0	22	1	0	0	0	0	1	24
0	0	0	0	0	0	0	0	28	1	0	0	1	0	0	30
0	0	0	0	0	0	0	0	106	8	0	0	2	0	1	117
0	0	0	0	0	0	0	0	23	4	0	0	0	0	0	27
0	0	0	0	0	0	0	0	20	2	0	0	1	0	1	24
0	0	0	0	0	0	0	0	27	3	0	0	0	0	0	30
0	0	0	0	0	0	0	0	20	3	0	0	1	0	0	24
0	0	0	0	0	0	0	0	90	12	0	0	2	0	1	105
0	0	0	0	0	0	0	0	19	3	0	0	0	0	0	22
0	0	0	0	0	0	0	0	19	4	1	0	1	0	0	25
0	0	0	0	0	0	0	0	24	4	0	0	0	0	0	28
0	0	0	0	0	0	0	0	17	2	0	0	1	0	0	20
0	0	0	0	0	0	0	0	79	13	1	0	2	0	0	95
0	0	0	0	0	0	0	0	27	1	0	0	0	0	0	28
0	0	0	0	0	0	0	0	16	0	0	0	1	0	0	17
0	0	0	0	0	0	0	0	31	3	1	0	1	0	0	36
0	0	0	0	0	0	0	0	18	6	0	0	1	0	0	25
0	0	0	0	0	0	0	0	92	10	1	0	3	0	0	106
0	0	0	0	0	0	0	0	30	2	0	0	0	0	0	32
0	0	0	0	0	0	0	0	36	0	0	0	1	0	2	39
0	0	0	0	0	0	0	0	27	4	0	0	1	0	0	32
0	0	0	0	0	0	0	0	24	0	0	0	1	0	0	25
0	0	0	0	0	0	0	0	117	6	0	0	3	0	2	128
0	0	0	0	0	0	0	0	22	1	0	0	0	0	3	26
0	0	0	0	0	0	0	0	27	3	0	0	1	0	0	31
0	0	0	0	0	0	0	0	30	2	0	0	1	0	0	33
0	0	0	0	0	0	0	0	21	3	0	0	0	0	0	24
0	0	0	0	0	0	0	0	100	9	0	0	2	0	3	114
1	0	0	0	0	0	0	1	1000	113	9	2	32	1	14	1171

D => A								D => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	1	0	0	0	0	1	12	8	0	0	3	0	1	24
0	0	0	0	0	0	0	0	14	9	1	1	0	0	2	27
0	0	0	0	0	0	1	1	43	7	0	0	1	0	0	51
1	0	0	0	0	0	0	1	41	12	2	0	0	0	2	57
1	0	1	0	0	0	1	3	110	36	3	1	4	0	5	159
0	0	0	0	0	0	1	1	29	9	5	0	1	0	2	46
0	0	0	0	0	0	0	0	27	8	1	1	0	0	3	40
0	1	0	0	0	0	0	1	41	5	1	1	1	0	0	49
0	0	0	0	0	0	0	0	52	10	2	0	0	0	4	68
0	1	0	0	0	0	1	2	149	32	9	2	2	0	9	203
0	0	0	0	0	0	0	0	30	10	5	1	1	0	0	47
0	0	0	0	0	0	0	0	51	8	1	0	0	0	0	60
0	4	0	0	0	0	0	4	48	14	3	0	1	0	1	67
0	0	0	0	0	0	0	0	61	7	2	1	0	0	0	71
0	4	0	0	0	0	0	4	190	39	11	2	2	0	1	245
0	1	0	0	0	0	0	1	53	4	4	0	2	1	1	65
0	0	0	0	0	0	0	0	50	10	0	0	0	0	0	60
0	0	0	0	0	0	0	0	49	8	0	0	0	0	1	58
0	0	0	0	0	0	0	0	66	6	3	1	0	0	1	77
0	1	0	0	0	0	0	1	218	28	7	1	2	1	3	260
0	0	0	0	0	0	0	0	56	6	2	1	1	1	1	68
0	0	0	0	0	0	1	1	71	8	4	0	0	0	0	83
0	0	0	0	0	0	2	2	72	6	1	0	1	0	3	83
0	0	0	0	0	0	0	0	75	4	1	0	0	0	0	80
0	0	0	0	0	0	3	3	274	24	8	1	2	1	4	314
0	0	0	0	0	0	0	0	84	9	1	1	1	0	0	96
0	0	0	0	0	0	0	0	64	8	4	1	0	0	4	81
0	0	0	0	0	0	0	0	72	6	0	0	1	0	2	81
0	0	0	0	0	0	2	2	79	9	1	1	0	0	1	91
0	0	0	0	0	0	2	2	299	32	6	3	2	0	7	349
0	0	0	0	0	0	0	0	66	6	0	1	1	0	2	76
0	0	0	0	0	0	1	1	76	5	0	0	0	0	2	83
0	0	0	0	0	0	0	0	74	5	0	2	1	1	1	84
0	0	0	0	0	0	0	0	73	6	1	0	0	0	1	81
0	0	0	0	0	0	1	1	289	22	1	3	2	1	6	324
0	1	0	0	0	0	0	1	63	7	0	1	0	0	6	77
0	1	0	0	0	0	0	1	91	5	0	1	1	0	1	99
0	0	0	0	0	0	1	1	66	11	1	0	1	0	1	80
0	0	0	0	0	0	0	0	73	7	0	1	0	1	3	85
0	2	0	0	0	0	1	3	293	30	1	3	2	1	11	341
0	0	0	0	0	0	0	0	60	9	0	1	1	0	2	73
0	0	0	0	0	0	0	0	62	5	0	0	0	0	1	68
0	0	0	0	0	0	0	0	63	5	0	1	1	0	4	74
0	0	0	0	0	0	0	0	76	4	0	1	0	2	1	84
0	0	0	0	0	0	0	0	261	23	0	3	2	2	8	299
0	0	0	0	0	0	2	2	82	8	0	0	1	1	3	95
0	0	0	0	0	0	1	1	87	7	0	0	0	1	3	98
0	0	0	0	0	0	5	5	63	1	1	0	1	1	2	69
0	0	0	0	0	0	1	1	75	2	0	0	0	0	4	81
0	0	0	0	0	0	9	9	307	18	1	0	2	3	12	343
0	0	0	0	0	0	0	0	81	8	0	0	1	1	5	96
0	0	0	0	0	0	1	1	64	3	0	1	0	0	3	71
0	0	1	0	0	0	0	1	71	6	0	1	0	0	3	81
1	0	0	0	0	0	0	1	81	3	0	1	1	0	3	89
1	0	1	0	0	0	1	3	297	20	0	3	2	1	14	337
0	1	0	0	0	0	0	1	78	5	0	1	1	0	2	87
0	0	0	0	0	0	0	0	72	7	0	0	0	0	1	80
1	0	0	0	0	0	0	1	82	3	0	0	1	0	3	89
0	0	0	0	0	0	0	0	84	2	0	0	0	0	7	93
1	1	0	0	0	0	0	2	316	17	0	1	2	0	13	349
3	9	2	0	0	0	19	33	3003	321	47	23	26	10	93	3523

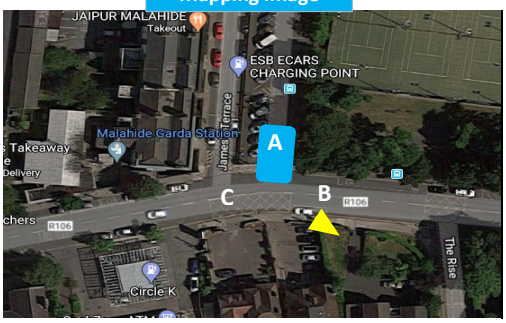
D => C								D => D							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
4	2	0	0	0	0	0	6	0	0	0	0	0	0	0	0
3	3	0	0	1	0	0	7	1	0	0	0	0	0	0	1
8	2	0	0	1	1	0	12	0	0	0	0	0	0	0	0
4	4	0	0	0	0	1	9	0	0	0	0	0	0	0	0
19	11	0	0	2	1	1	34	1	0	0	0	0	0	0	1
6	0	1	0	1	0	0	8	0	0	0	0	0	0	0	0
7	0	0	0	1	0	0	8	0	0	0	0	0	0	0	0
3	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0
5	2	0	0	0	0	0	7	0	0	0	0	0	0	0	0
21	2	1	0	2	0	1	27	0	0	0	0	0	0	0	0
3	2	0	0	0	0	0	5	0	0	0	0	0	0	0	0
5	2	0	0	1	0	0	8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	2	11	0	0	0	0	0	0	0	0
9	2	1	0	0	0	0	12	1	0	0	0	0	0	0	1
26	6	1	0	1	0	2	36	1	0	0	0	0	0	0	1
8	3	1	0	1	0	0	13	0	0	0	0	0	0	0	0
4	0	1	0	0	0	0	5	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	8	0	0	0	0	0	0	0	0
13	1	0	1	0	0	0	15	0	0	0	0	0	0	0	0
32	4	2	1	1	0	1	41	0	0	0	0	0	0	0	0
12	1	0	0	0	0	0	13	0	0	0	0	0	0	0	0
3	0	1	0	1	0	0	5	0	0	0	0	0	0	0	0
8	2	0	1	1	0	0	12	0	0	0	0	0	0	0	0
6	3	0	0	0	0	0	9	0	0	1	0	0	0	0	1
29	6	1	1	2	0	0	39	0	0	1	0	0	0	0	1
9	2	0	0	1	0	0	12	0	0	0	0	0	0	0	0
10	2	0	0	0	0	0	12	0	0	0	0	0	0	0	0
10	2	0	0	0	0	0	12	0	0	0	0	0	0	0	0
18	3	0	0	0	0	0	21	0	0	0	0	0	0	0	0
47	9	0	0	1	0	0	57	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0
8	2	1	0	1	0	0	12	0	0	0	0	0	0	0	0
12	0	0	0	0	0	1	13	0	0	0	0	0	0	0	0
6	2	0	0	1	0	0	9	1	0	0	0	0	0	0	1
44	4	1	0	2	0	1	52	1	0	0	0	0	0	0	1
10	0	0	1	0	0	0	11	0	1	0	0	0	0	0	1
16	0	1	0	1	0	0	18	0	0	0	0	0	0	0	0
12	2	0	0	0	0	0	14	1	0	0	0	0	0	0	1
9	1	0	0	1	0	0	11	0	0	0	0	0	0	0	0
47	3	1	1	2	0	0	54	1	1	0	0	0	0	0	2
9	2	0	0	1	0	2	14	0	0	0	0	0	0	0	0
7	3	0	0	0	0	0	10	0	0	0	0	0	0	0	0
5	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0
16	0	0	1	1	0	1	19	0	1	0	0	0	0	0	1
37	5	0	1	2	0	5	50	0	1	0	0	0	0	0	1
12	1	0	0	0	0	0	13	0	0	0	0	0	0	0	0
11	1	0	0	1	0	0	13	0	0	0	0	0	0	0	0
12	1	0	0	1	0	0	14	0	0	0	0	0	0	0	0
9	0	0	0	1	0	0	10	0	0	0	0	0	0	0	0
44	3	0	0	3	0	0	50	0	0	0	0	0	0	0	0
8	0	1	0	0	0	3	12	0	0	0	0	0	0	0	0
5	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0
8	1	0	0	2	0	0	11	0	0	0	0	0	0	0	0
17	0	0	0	1	0	0	18	1	0	0	0	0	0	0	1
38	1	1	0	3	0	5	48	1	0	0	0	0	0	0	1
16	0	1	0	1	0	1	19	0	0	0	0	0	0	0	0
24	1	0	0	1	0	1	27	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
4	0	0	0	2	0	1	7	0	0	0	0	0	0	0	0
49	1	1	0	4	0	3	58	0	0	0	0	0	0	0	0
433	55	9	4	25	1	19	546	5	2	1	0	0	0	0	8

Survey Name :	ITS J-410 Malahide
Site:	5
Date:	03.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

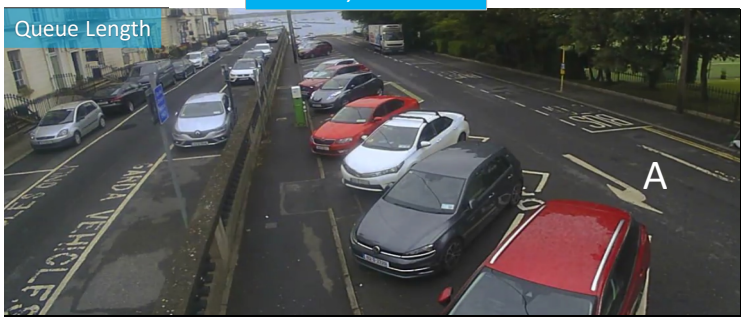
Site 5, Card T1

Mapping Image

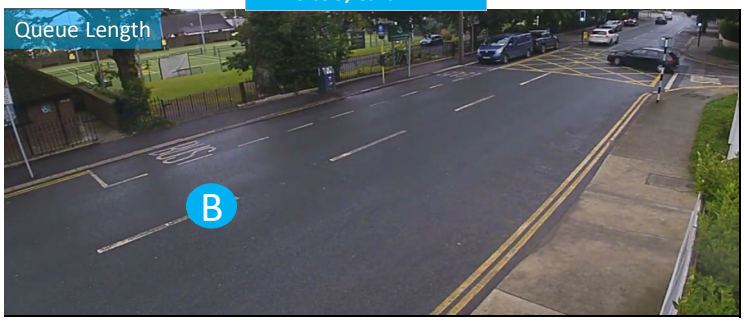


Survey duration:	12h
Time Period:	07:00-19:00
Junction Type:	3 Arm Junction
Reporting Interval:	15min
Classification scheme:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C
Queues Required:	Yes
Pedestrian required:	No

Site 5, Card S14



Site 5, Card A14



Site 5, Card T1

Survey Name :	ITS J-410 Malahide
Site:	Site 5
Date:	15-07-2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

	A => A								A => B							
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	4	1	0	0	0	0	2	7
07:15	0	0	0	0	0	0	0	0	4	3	0	0	0	0	0	7
07:30	0	0	0	0	0	0	0	0	7	4	1	0	2	0	3	17
07:45	0	0	0	0	0	0	0	0	18	3	0	0	1	0	1	23
H/TOT	0	0	0	0	0	0	0	0	33	11	1	0	3	0	6	54
08:00	0	0	0	0	0	0	0	0	12	4	1	0	0	1	2	20
08:15	0	0	0	0	0	0	0	0	14	1	0	0	1	0	2	18
08:30	0	0	0	0	0	0	0	0	25	3	0	0	0	0	0	28
08:45	0	0	0	0	0	0	0	0	29	4	2	1	0	0	0	36
H/TOT	0	0	0	0	0	0	0	0	80	12	3	1	1	1	4	102
09:00	0	0	0	0	0	0	0	0	17	2	0	0	0	0	0	19
09:15	0	0	0	0	0	0	0	0	25	4	1	0	0	0	2	32
09:30	0	0	0	0	0	0	0	0	21	2	0	0	1	0	0	24
09:45	0	0	0	0	0	0	0	0	25	6	3	0	0	0	0	34
H/TOT	0	0	0	0	0	0	0	0	88	14	4	0	1	0	2	109
10:00	0	0	0	0	0	0	0	0	36	6	0	0	1	0	0	43
10:15	0	0	0	0	0	0	0	0	42	5	1	0	0	0	0	48
10:30	0	0	0	0	0	0	0	0	33	3	1	0	0	0	0	37
10:45	0	0	0	0	0	0	0	0	44	3	1	0	0	0	0	48
H/TOT	0	0	0	0	0	0	0	0	155	17	3	0	1	0	0	176
11:00	0	0	0	0	0	0	0	0	33	3	0	0	1	0	0	37
11:15	0	0	0	0	0	0	0	0	32	2	0	0	0	0	0	34
11:30	0	0	0	0	0	0	0	0	38	3	0	0	0	0	2	43
11:45	0	0	0	0	0	0	0	0	29	1	0	0	0	0	1	31
H/TOT	0	0	0	0	0	0	0	0	132	9	0	0	1	0	3	145
12:00	0	0	0	0	0	0	0	0	39	0	0	0	1	0	0	40
12:15	0	0	0	0	0	0	0	0	34	2	0	0	0	1	3	40
12:30	0	0	0	0	0	0	0	0	48	4	0	0	0	0	0	52
12:45	0	0	0	0	0	0	0	0	47	2	1	0	0	0	4	54
H/TOT	0	0	0	0	0	0	0	0	168	8	1	0	1	1	7	186
13:00	0	0	0	0	0	0	0	0	50	1	0	0	1	0	0	52
13:15	0	0	0	0	0	0	0	0	36	4	0	0	0	0	0	40
13:30	0	0	0	0	0	0	0	0	47	5	0	0	0	0	0	52
13:45	0	0	0	0	0	0	0	0	37	4	0	0	0	0	2	43
H/TOT	0	0	0	0	0	0	0	0	170	14	0	0	1	0	2	187
14:00	0	0	0	0	0	0	0	0	51	6	0	0	1	0	0	58
14:15	0	0	0	0	0	0	0	0	50	4	0	1	0	0	0	55
14:30	0	0	0	0	0	0	0	0	49	2	0	0	0	0	0	51
14:45	0	0	0	0	0	0	0	0	51	1	0	0	0	0	2	54
H/TOT	0	0	0	0	0	0	0	0	201	13	0	1	1	0	2	218
15:00	0	0	0	0	0	0	0	0	54	1	0	0	1	0	0	56
15:15	0	0	0	0	0	0	0	0	38	4	0	0	0	0	2	44
15:30	0	0	0	0	0	0	0	0	45	2	1	0	0	0	0	48
15:45	0	0	0	0	0	0	0	0	37	4	1	0	1	0	1	44
H/TOT	0	0	0	0	0	0	0	0	174	11	2	0	2	0	3	192
16:00	0	0	0	0	0	0	0	0	50	6	0	0	1	0	0	57
16:15	0	0	0	0	0	0	0	0	44	4	0	0	0	0	2	50
16:30	0	0	0	0	0	0	0	0	68	2	0	0	1	1	6	78
16:45	0	0	0	0	0	0	0	0	56	2	0	0	0	1	1	60
H/TOT	0	0	0	0	0	0	0	0	218	14	0	0	2	2	9	245
17:00	0	0	0	0	0	0	0	0	53	3	0	0	1	0	4	61
17:15	0	0	0	0	0	0	0	0	64	2	0	0	0	0	2	68
17:30	0	0	0	0	0	0	0	0	59	2	0	0	0	0	3	64
17:45	0	0	0	0	0	0	0	0	63	4	0	0	1	0	1	69
H/TOT	0	0	0	0	0	0	0	0	239	11	0	0	2	0	10	262
18:00	0	0	0	0	0	0	0	0	49	2	0	0	0	0	0	51
18:15	0	0	0	0	0	0	0	0	58	1	0	0	0	0	2	61
18:30	0	0	0	0	0	0	0	0	42	2	0	0	1	0	2	47
18:45	0	0	0	0	0	0	0	0	62	2	0	0	0	0	2	66
H/TOT	0	0	0	0	0	0	0	0	211	7	0	0	1	0	6	225
12 TOT	0	0	0	0	0	0	0	0	1869	141	14	2	17	4	54	2101

A => C								B => A							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
8	1	2	0	0	0	0	11	0	0	0	0	0	0	0	0
4	1	1	0	0	0	0	6	0	0	0	0	0	0	0	0
14	2	0	1	0	0	0	17	0	0	0	0	0	0	0	0
7	0	0	0	1	0	0	8	0	0	0	0	0	0	0	0
33	4	3	1	1	0	0	42	0	0	0	0	0	0	0	0
19	1	0	0	0	0	0	20	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	14	0	0	0	0	0	0	0	0
26	1	2	1	0	0	0	30	0	0	0	0	0	0	0	0
22	2	0	0	0	0	0	24	0	0	0	0	0	0	0	0
80	5	2	1	0	0	0	88	0	0	0	0	0	0	0	0
13	3	2	0	0	0	0	18	0	0	0	0	0	0	0	0
18	2	2	1	0	0	0	23	0	0	0	0	0	0	0	0
16	3	2	0	0	0	0	21	0	0	0	0	0	0	0	0
19	6	1	1	0	0	0	27	0	0	0	0	0	0	0	0
66	14	7	2	0	0	0	89	0	0	0	0	0	0	0	0
16	7	1	0	0	0	0	24	0	0	0	0	0	0	0	0
17	3	0	0	0	0	1	21	0	0	0	0	0	0	0	0
29	6	0	1	0	0	0	36	0	0	0	0	0	0	0	0
24	1	2	0	0	0	0	27	0	0	0	0	0	0	0	0
86	17	3	1	0	0	1	108	0	0	0	0	0	0	0	0
19	3	1	2	0	0	0	25	0	0	0	0	0	0	0	0
19	4	0	0	0	0	0	23	0	0	0	0	0	0	0	0
21	3	0	0	0	0	0	24	0	0	0	0	0	0	0	0
20	4	2	0	0	0	0	26	0	0	0	0	0	0	0	0
79	14	3	2	0	0	0	98	0	0	0	0	0	0	0	0
21	1	0	2	0	0	0	24	0	0	0	0	0	0	0	0
22	4	0	0	0	0	0	26	0	0	0	0	0	0	0	0
16	5	0	1	0	0	0	22	0	0	0	0	0	0	0	0
32	3	0	1	0	0	0	36	0	0	0	0	0	0	0	0
91	13	0	4	0	0	0	108	0	0	0	0	0	0	0	0
25	5	0	1	0	0	0	31	0	0	0	0	0	0	0	0
24	5	0	1	0	0	0	30	0	0	0	0	0	0	0	0
22	2	0	1	0	0	0	25	0	0	0	0	0	0	0	0
29	3	0	1	0	0	0	33	0	0	0	0	0	0	0	0
100	15	0	4	0	0	0	119	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0
28	4	0	1	0	0	0	33	0	0	0	0	0	0	0	0
19	4	0	1	0	0	0	24	0	0	0	0	0	0	0	0
20	4	0	2	0	0	0	26	0	0	0	0	0	0	1	1
94	12	0	4	0	0	0	110	0	0	0	0	0	0	1	1
24	6	0	0	0	0	0	30	0	0	0	0	0	0	0	0
21	4	0	0	0	0	0	25	0	0	0	0	0	0	0	0
18	2	0	1	0	0	0	21	0	0	0	0	0	0	0	0
25	4	0	1	0	0	0	30	0	0	0	0	0	0	1	1
88	16	0	2	0	0	0	106	0	0	0	0	0	0	1	1
24	7	0	1	0	0	1	33	0	0	0	0	0	0	0	0
21	2	0	0	0	0	0	23	0	0	0	0	0	0	0	0
24	4	1	0	0	0	1	30	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	18	0	0	0	0	0	0	0	0
86	14	1	1	0	0	2	104	0	0	0	0	0	0	0	0
35	4	0	0	0	0	0	39	1	0	0	0	0	0	0	1
25	1	0	0	0	1	0	27	1	0	0	0	0	0	0	1
20	1	0	0	0	0	0	21	1	0	0	0	0	0	0	1
25	1	0	0	0	0	0	26	0	0	0	0	0	0	0	0
105	7	0	0	0	1	0	113	3	0	0	0	0	0	0	3
26	1	0	0	0	0	0	27	0	0	0	0	0	0	0	0
27	1	0	0	0	0	0	28	0	0	0	0	0	0	0	0
47	2	0	0	0	0	0	49	0	0	0	0	0	0	0	0
33	3	0	0	0	0	0	36	0	0	0	0	0	0	0	0
133	7	0	0	0	0	0	140	0	0	0	0	0	0	0	0
1041	138	19	22	1	1	3	1225	3	0	0	0	0	0	2	5

B => B								B => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	30	3	0	0	1	0	2	36
0	0	0	0	0	0	0	0	31	4	0	0	3	0	3	41
0	0	0	0	0	0	0	0	37	5	0	1	1	1	4	49
0	0	0	0	0	0	0	0	44	5	1	0	1	0	3	54
0	0	0	0	0	0	0	0	142	17	1	1	6	1	12	180
0	0	0	0	0	0	0	0	51	4	0	0	1	0	9	65
0	0	0	0	0	0	0	0	69	7	3	0	0	0	6	85
0	0	0	0	0	0	0	0	87	10	3	0	2	0	2	104
0	0	0	0	0	0	0	0	66	8	2	1	0	0	2	79
0	0	0	0	0	0	0	0	273	29	8	1	3	0	19	333
0	0	0	0	0	0	0	0	74	7	2	0	1	0	1	85
0	0	0	0	0	0	0	0	56	8	1	1	2	0	1	69
0	0	0	0	0	0	0	0	72	8	1	0	0	0	4	85
1	0	0	0	0	0	0	1	70	10	0	0	2	0	4	86
1	0	0	0	0	0	0	1	272	33	4	1	5	0	10	325
0	0	0	0	0	0	0	0	88	8	4	0	1	0	0	101
0	0	0	0	0	0	0	0	74	6	3	0	1	0	2	86
0	0	0	0	0	0	0	0	89	9	4	0	1	1	0	104
0	0	0	0	0	0	0	0	94	11	0	0	1	1	3	110
0	0	0	0	0	0	0	0	345	34	11	0	4	2	5	401
0	0	0	0	0	0	0	0	102	6	1	0	1	0	2	112
0	0	0	0	0	0	0	0	86	10	5	0	1	0	1	103
0	0	0	0	0	0	0	0	87	8	2	0	0	0	1	98
0	0	0	0	0	0	0	0	96	5	4	0	1	1	5	112
0	0	0	0	0	0	0	0	371	29	12	0	3	1	9	425
0	0	0	0	0	0	0	0	100	2	1	0	1	0	6	110
0	0	0	0	0	0	0	0	100	12	1	0	0	1	3	117
0	0	0	0	0	0	0	0	94	8	2	1	1	2	5	113
0	0	0	0	0	0	0	0	98	9	2	0	0	0	3	112
0	0	0	0	0	0	0	0	392	31	6	1	2	3	17	452
0	0	0	0	0	0	0	0	98	8	2	0	2	1	1	112
0	0	0	0	0	0	0	0	81	12	3	0	0	0	6	102
0	0	0	0	0	0	0	0	112	6	3	0	1	0	3	125
0	0	0	0	0	0	0	0	93	10	0	0	0	0	6	109
0	0	0	0	0	0	0	0	384	36	8	0	3	1	16	448
0	0	0	0	0	0	0	0	93	10	0	0	3	1	5	112
0	0	0	0	0	0	0	0	87	6	0	0	0	0	2	95
0	0	0	0	0	0	0	0	95	16	3	0	1	0	3	118
0	0	0	0	0	0	0	0	96	2	1	2	0	0	5	106
0	0	0	0	0	0	0	0	371	34	4	2	4	1	15	431
0	0	0	0	0	0	0	0	91	8	2	1	3	1	7	113
0	0	0	0	0	0	0	0	87	11	2	1	0	1	3	105
0	0	0	0	0	0	0	0	107	15	5	1	2	0	5	135
0	0	0	0	0	0	0	0	104	10	1	0	0	1	0	116
0	0	0	0	0	0	0	0	389	44	10	3	5	3	15	469
0	0	0	0	0	0	0	0	88	7	1	0	3	0	5	104
0	0	0	0	0	0	0	0	85	7	2	0	0	0	4	98
0	0	0	0	0	0	0	0	90	7	0	0	2	0	4	103
0	0	0	0	0	0	0	0	107	14	0	0	1	1	9	132
0	0	0	0	0	0	0	0	370	35	3	0	6	1	22	437
0	0	0	0	0	0	0	0	93	10	2	0	1	1	5	112
0	0	0	0	0	0	0	0	81	5	0	0	0	0	8	94
0	0	0	0	0	0	0	0	90	9	0	0	2	0	5	106
0	0	0	0	0	0	0	0	89	5	1	0	2	0	6	103
0	0	0	0	0	0	0	0	353	29	3	0	5	1	24	415
0	0	0	0	0	0	0	0	79	8	0	0	2	0	5	94
0	0	0	0	0	0	0	0	85	6	0	0	2	1	5	99
0	0	0	0	0	0	0	0	81	2	1	0	1	0	8	93
0	0	0	0	0	0	0	0	86	3	0	0	2	2	6	99
0	0	0	0	0	0	0	0	331	19	1	0	7	3	24	385
1	0	0	0	0	0	0	1	3993	370	71	9	53	17	188	4701

C => A								C => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	13	2	1	0	3	0	1	20
0	0	0	0	0	0	0	0	12	9	1	1	0	0	2	25
0	0	0	0	0	0	0	0	28	6	1	0	1	0	2	38
0	0	0	0	0	0	0	0	41	11	1	0	0	0	2	55
0	0	0	0	0	0	0	0	94	28	4	1	4	0	7	138
0	0	0	0	0	0	0	0	29	9	6	0	1	0	0	45
0	0	0	0	0	0	0	0	27	6	1	2	0	0	3	39
0	0	0	0	0	0	0	0	40	5	1	0	1	0	3	50
0	0	0	0	0	0	0	0	40	10	2	0	0	0	2	54
0	0	0	0	0	0	0	0	136	30	10	2	2	0	8	188
0	0	0	0	0	0	0	0	30	4	4	0	1	0	1	40
0	0	0	0	0	0	0	0	44	8	2	0	0	0	1	55
0	0	0	0	0	0	0	0	41	9	4	0	1	0	1	56
0	0	0	0	0	0	0	0	55	5	2	0	0	0	0	62
0	0	0	0	0	0	0	0	170	26	12	0	2	0	3	213
0	0	0	0	0	0	0	0	50	2	3	0	2	1	0	58
0	0	0	0	0	0	0	0	59	7	0	0	0	0	0	66
0	0	0	0	0	0	0	0	38	8	1	0	1	0	2	50
0	0	0	0	0	0	0	0	54	3	4	0	0	0	1	62
0	0	0	0	0	0	0	0	201	20	8	0	3	1	3	236
0	0	0	0	0	0	0	0	49	5	0	0	1	0	0	55
0	0	0	0	0	0	0	0	64	4	5	0	0	0	0	73
0	0	0	0	0	0	0	0	66	5	0	0	1	0	1	73
0	0	0	0	0	0	0	0	67	2	2	0	0	0	0	71
0	0	0	0	0	0	0	0	246	16	7	0	2	0	1	272
0	0	0	0	0	0	0	0	80	5	1	0	1	0	0	87
0	0	0	0	0	0	0	0	69	7	2	0	1	0	2	81
0	0	0	0	0	0	0	0	68	5	1	0	1	0	2	77
0	0	0	0	0	0	0	0	73	8	1	0	0	0	4	86
0	0	0	0	0	0	0	0	290	25	5	0	3	0	8	331
0	0	0	0	0	0	0	0	69	9	1	0	1	0	2	82
0	0	0	0	0	0	0	0	72	2	0	0	0	0	4	78
0	0	0	0	0	0	0	0	70	2	2	0	1	1	1	77
0	0	0	0	0	0	0	0	68	4	1	0	0	0	1	74
0	0	0	0	0	0	0	0	279	17	4	0	2	1	8	311
0	0	0	0	0	0	0	0	71	4	1	0	0	0	5	81
0	0	0	0	0	0	0	0	76	4	0	0	1	0	1	82
0	0	0	0	0	0	0	0	73	9	2	0	1	0	2	87
0	0	0	0	0	0	0	0	76	5	0	0	0	0	5	86
0	0	0	0	0	0	0	0	296	22	3	0	2	0	13	336
0	0	0	0	0	0	0	0	52	5	0	0	1	0	3	61
0	0	0	0	0	0	0	0	64	4	0	0	0	0	3	71
0	0	0	0	0	0	0	0	67	5	0	0	0	0	2	74
0	0	0	0	0	0	0	0	66	3	0	1	1	1	2	74
0	0	0	0	0	0	0	0	249	17	0	1	2	1	10	280
0	0	0	0	0	0	0	0	82	5	0	0	1	2	1	91
0	0	0	0	0	0	0	0	94	7	0	0	0	1	2	104
0	0	0	0	0	0	0	0	60	1	1	0	1	1	5	69
0	0	0	0	0	0	0	0	71	2	0	0	1	1	7	82
0	0	0	0	0	0	0	0	307	15	1	0	3	5	15	346
0	0	0	0	0	0	0	0	76	6	0	0	2	0	6	90
0	0	0	0	0	0	0	0	59	3	0	1	0	0	3	66
0	0	0	0	0	0	0	0	63	9	0	1	0	0	2	75
0	0	0	0	0	0	0	0	73	2	0	1	1	0	4	81
0	0	0	0	0	0	0	0	271	20	0	3	3	0	15	312
0	0	0	0	0	0	0	0	73	1	0	1	1	0	2	78
0	0	0	0	0	0	0	0	70	6	0	0	0	0	2	78
0	0	0	0	0	0	0	0	79	1	0	0	1	0	5	86
0	0	0	0	0	0	0	0	80	1	0	0	1	0	9	91
0	0	0	0	0	0	0	0	302	9	0	1	3	0	18	333
0	0	0	0	0	0	0	0	2841	245	54	8	31	8	109	3296

C => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5

Survey Name :	ITS J-410 Malahide
Site:	6
Date:	03.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

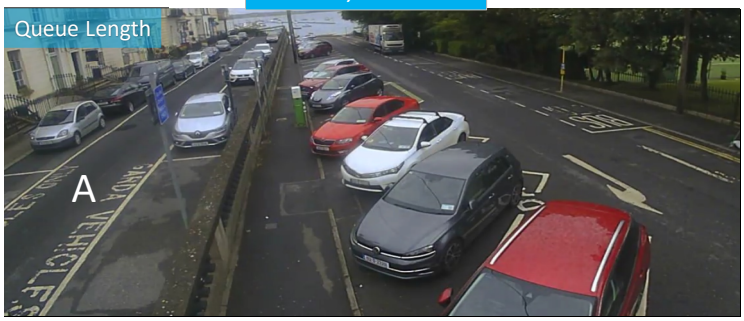
Irish Traffic Surveys

Site 6, Card T1

Mapping Image

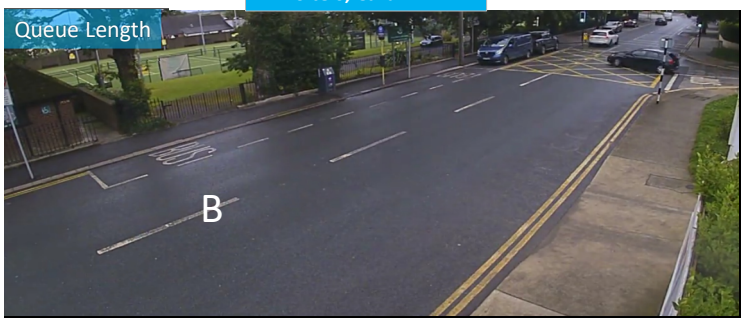
Survey duration:	12h
Time Period:	07:00-19:00
Junction Type:	3 Arm Junction
Reporting Interval:	15min
Classification scheme:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C
Queues Required:	Yes
Pedestrian required:	No

Site 6, Card S14



Site 6, Card T1

Site 6, Card A14



Survey Name :	ITS J-410 Malahide
Site:	site 6
Date:	15-07-2020
Time:	07:00-19:00
Location:	
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

	A => A								A => B							
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	3
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	4
08:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
09:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
10:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
10:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
10:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
11:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
12:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	3
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
13:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
13:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
14:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
14:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
14:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
15:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
15:15	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
15:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
15:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7
16:00	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
16:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
16:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	6
17:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
18:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
12 TOT	0	0	0	0	0	0	0	0	39	7	1	0	0	0	2	49

A => C								B => A							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	1	0	0	0	0	0	1	2
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2	3	0	0	0	0	0	0	3
1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	6	0	0	0	0	0	0	6
1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	2	0	0	0	0	0	1	3
1	1	0	0	0	0	0	2	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
6	1	0	0	0	0	0	7	3	0	0	0	0	0	0	3
1	1	0	0	0	0	0	2	1	1	0	0	0	0	0	2
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
4	1	0	0	0	0	0	5	3	1	0	0	0	0	0	4
2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	8	4	0	0	0	0	0	0	4
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	1	1	0	0	0	0	0	2
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	2	1	0	0	0	0	0	3
0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	2	0	1	0	0	0	0	0	1
4	1	0	0	0	0	0	5	2	2	0	0	0	0	0	4
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	1	0	0	0	0	0	0	1
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
2	0	0	0	0	0	1	3	1	0	0	0	0	0	0	1
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	2	0	0	0	0	0	0	2
9	0	0	0	0	0	1	10	3	0	0	0	0	0	0	3
57	4	0	0	0	0	1	62	30	4	0	0	0	0	2	36

B => B								B => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	30	3	0	0	1	0	2	36
0	0	0	0	0	0	0	0	31	4	0	0	3	0	3	41
0	0	0	0	0	0	0	0	37	5	0	1	1	1	4	49
0	0	0	0	0	0	0	0	44	5	1	0	1	0	3	54
0	0	0	0	0	0	0	0	142	17	1	1	6	1	12	180
0	0	0	0	0	0	0	0	51	4	0	0	1	0	9	65
0	0	0	0	0	0	0	0	69	7	3	0	0	0	6	85
0	0	0	0	0	0	0	0	87	10	3	0	2	0	2	104
0	0	0	0	0	0	0	0	66	8	2	1	0	0	2	79
0	0	0	0	0	0	0	0	273	29	8	1	3	0	19	333
0	0	0	0	0	0	0	0	74	7	2	0	1	0	1	85
0	0	0	0	0	0	0	0	56	8	1	1	2	0	1	69
0	0	0	0	0	0	0	0	72	8	1	0	0	0	4	85
1	0	0	0	0	0	0	1	70	10	0	0	2	0	4	86
1	0	0	0	0	0	0	1	272	33	4	1	5	0	10	325
0	0	0	0	0	0	0	0	88	8	4	0	1	0	0	101
0	0	0	0	0	0	0	0	74	6	3	0	1	0	2	86
0	0	0	0	0	0	0	0	89	9	4	0	1	1	0	104
0	0	0	0	0	0	0	0	94	11	0	0	1	1	3	110
0	0	0	0	0	0	0	0	345	34	11	0	4	2	5	401
0	0	0	0	0	0	0	0	102	6	1	0	1	0	2	112
0	0	0	0	0	0	0	0	86	10	5	0	1	0	1	103
0	0	0	0	0	0	0	0	87	8	2	0	0	0	1	98
0	0	0	0	0	0	0	0	96	5	4	0	1	1	5	112
0	0	0	0	0	0	0	0	371	29	12	0	3	1	9	425
0	0	0	0	0	0	0	0	100	2	1	0	1	0	6	110
0	0	0	0	0	0	0	0	100	12	1	0	0	1	3	117
0	0	0	0	0	0	0	0	94	8	2	1	1	2	5	113
0	0	0	0	0	0	0	0	98	9	2	0	0	0	3	112
0	0	0	0	0	0	0	0	392	31	6	1	2	3	17	452
0	0	0	0	0	0	0	0	98	8	2	0	2	1	1	112
0	0	0	0	0	0	0	0	81	12	3	0	0	0	6	102
0	0	0	0	0	0	0	0	112	6	3	0	1	0	3	125
0	0	0	0	0	0	0	0	93	10	0	0	0	0	6	109
0	0	0	0	0	0	0	0	384	36	8	0	3	1	16	448
0	0	0	0	0	0	0	0	93	10	0	0	3	1	5	112
0	0	0	0	0	0	0	0	87	6	0	0	0	0	2	95
0	0	0	0	0	0	0	0	95	16	3	0	1	0	3	118
0	0	0	0	0	0	0	0	96	2	1	2	2	0	5	108
0	0	0	0	0	0	0	0	371	34	4	2	6	1	15	433
0	0	0	0	0	0	0	0	91	8	2	1	3	1	7	113
0	0	0	0	0	0	0	0	87	11	2	1	0	1	3	105
0	0	0	0	0	0	0	0	107	15	5	1	2	0	5	135
0	0	0	0	0	0	0	0	104	10	1	0	0	1	0	116
0	0	0	0	0	0	0	0	389	44	10	3	5	3	15	469
0	0	0	0	0	0	0	0	88	7	1	0	3	0	5	104
0	0	0	0	0	0	0	0	85	7	2	0	0	0	4	98
0	0	0	0	0	0	0	0	90	7	0	0	0	0	4	101
0	0	0	0	0	0	0	0	107	14	0	0	1	1	9	132
0	0	0	0	0	0	0	0	370	35	3	0	4	1	22	435
0	0	0	0	0	0	0	0	93	10	2	0	1	1	5	112
0	0	0	0	0	0	0	0	81	5	0	0	0	0	8	94
0	0	0	0	0	0	0	0	90	9	0	0	2	0	5	106
0	0	0	0	0	0	0	0	89	5	1	0	2	0	6	103
0	0	0	0	0	0	0	0	353	29	3	0	5	1	24	415
0	0	0	0	0	0	0	0	79	8	0	0	2	0	5	94
0	0	0	0	0	0	0	0	85	6	0	0	2	1	5	99
0	0	0	0	0	0	0	0	81	2	1	0	1	0	8	93
0	0	0	0	0	0	0	0	86	3	0	0	2	2	6	99
0	0	0	0	0	0	0	0	331	19	1	0	7	3	24	385
1	0	0	0	0	0	0	1	3993	370	71	9	53	17	188	4701

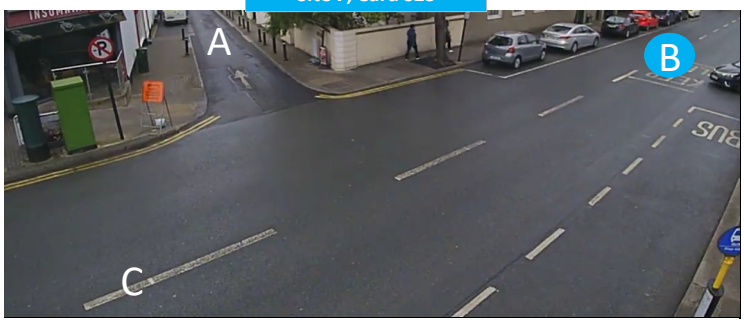
C => A								C => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	1	0	0	0	0	0	1	13	2	1	0	3	0	1	20
0	1	1	0	0	0	0	2	12	9	1	1	0	0	2	25
0	0	0	0	0	0	0	0	28	6	1	0	1	0	2	38
2	0	0	0	0	0	0	2	41	11	1	0	0	0	2	55
2	2	1	0	0	0	0	5	94	28	4	1	4	0	7	138
0	0	0	0	0	0	0	0	29	9	6	0	1	0	0	45
2	0	0	0	0	0	0	2	27	6	1	2	0	0	3	39
2	0	0	0	0	0	0	2	40	5	1	0	1	0	3	50
2	0	0	0	0	0	0	2	40	10	2	0	0	0	2	54
6	0	0	0	0	0	0	6	136	30	10	2	2	0	8	188
0	0	0	0	0	0	0	0	30	4	4	0	1	0	1	40
0	0	0	0	0	0	0	0	44	8	2	0	0	0	1	55
3	0	0	0	0	0	0	3	41	9	4	0	1	0	1	56
4	0	0	0	0	0	0	4	55	5	2	0	0	0	0	62
7	0	0	0	0	0	0	7	170	26	12	0	2	0	3	213
1	0	0	0	0	0	0	1	50	2	3	0	2	1	0	58
2	0	0	0	0	0	0	2	59	7	0	0	0	0	0	66
3	0	0	0	0	0	0	3	38	8	1	0	1	0	2	50
1	0	0	0	0	0	0	1	54	3	4	0	0	0	1	62
7	0	0	0	0	0	0	7	201	20	8	0	3	1	3	236
0	0	0	0	0	0	0	0	49	5	0	0	1	0	0	55
0	0	0	0	0	0	0	0	64	4	5	0	0	0	0	73
0	0	0	0	0	0	1	1	66	5	0	0	1	0	1	73
1	0	0	0	0	0	0	1	67	2	2	0	0	0	0	71
1	0	0	0	0	0	1	2	246	16	7	0	2	0	1	272
4	0	0	0	0	0	0	4	80	5	1	0	1	0	0	87
1	0	0	0	0	0	0	1	69	7	2	0	1	0	2	81
0	0	0	0	0	0	0	0	68	5	1	0	1	0	2	77
1	0	0	0	0	0	0	1	73	8	1	0	0	0	4	86
6	0	0	0	0	0	0	6	290	25	5	0	3	0	8	331
0	0	0	0	0	0	0	0	69	9	1	0	1	0	2	82
0	0	0	0	0	0	0	0	72	2	0	0	0	0	4	78
2	0	0	0	0	0	0	2	70	2	2	0	1	1	1	77
1	0	0	0	0	0	0	1	68	4	1	0	0	0	1	74
3	0	0	0	0	0	0	3	279	17	4	0	2	1	8	311
2	0	0	0	0	0	0	2	71	4	1	0	0	0	5	81
3	0	0	0	0	0	0	3	76	4	0	0	1	0	1	82
0	0	0	0	0	0	0	0	73	9	2	0	1	0	2	87
1	0	0	0	0	0	0	1	76	5	0	0	0	0	5	86
6	0	0	0	0	0	0	6	296	22	3	0	2	0	13	336
0	0	0	0	0	0	0	0	52	5	0	0	1	0	3	61
0	0	0	0	0	0	0	0	64	4	0	0	0	0	3	71
1	0	0	0	0	0	0	1	67	5	0	0	0	0	2	74
2	0	0	0	0	0	0	2	66	3	0	1	1	1	2	74
3	0	0	0	0	0	0	3	249	17	0	1	2	1	10	280
0	0	0	0	0	0	0	0	82	5	0	0	1	2	1	91
1	0	0	0	0	0	0	1	94	7	0	0	0	1	2	104
0	0	0	0	0	0	1	1	60	1	1	0	1	1	5	69
0	0	0	0	0	0	0	0	71	2	0	0	1	1	7	82
1	0	0	0	0	0	1	2	307	15	1	0	3	5	15	346
1	0	0	0	0	0	0	1	76	6	0	0	2	0	6	90
2	0	0	0	0	0	0	2	59	3	0	1	0	0	3	66
0	0	0	0	0	0	0	0	63	9	0	1	0	0	2	75
2	0	0	0	0	0	0	2	73	2	0	1	1	0	4	81
5	0	0	0	0	0	0	5	271	20	0	3	3	0	15	312
2	0	0	0	0	0	0	2	73	1	0	1	1	0	2	78
3	0	0	0	0	0	0	3	70	6	0	0	0	0	2	78
2	0	0	0	0	0	0	2	79	1	0	0	1	0	5	86
2	0	0	0	0	0	0	2	80	1	0	0	1	0	9	91
9	0	0	0	0	0	0	9	302	9	0	1	3	0	18	333
56	2	1	0	0	0	2	61	2841	245	54	8	31	8	109	3296

C => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5

Survey Name :	ITS J-410 Malahide
Site:	7
Date:	03.07.2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

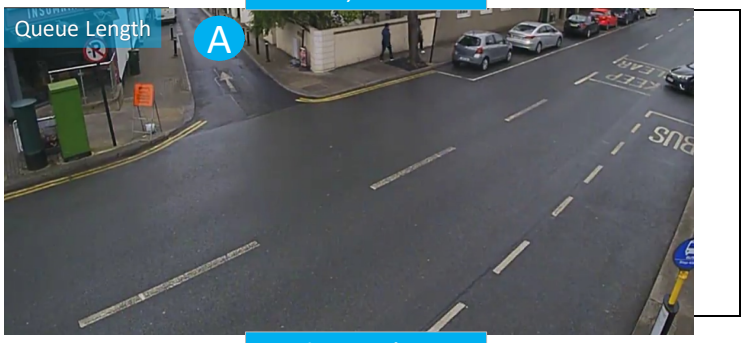
Site 7, Card S23



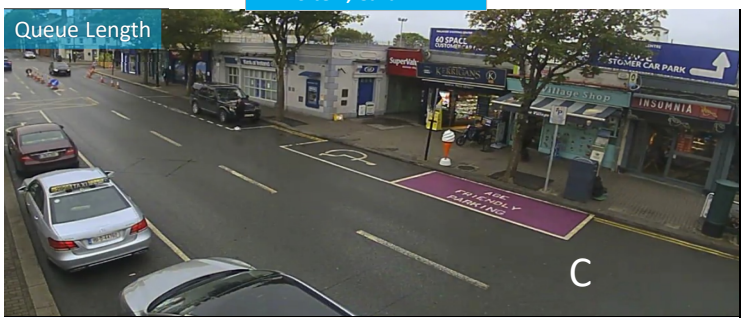
Mapping Image

Survey duration:	12h
Time Period:	07:00-19:00
Junction Type:	3 Arm Junction
Reporting Interval:	15min
Classification scheme:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C
Queues Required:	Yes
Pedestrian required:	No

Site 7, Card S23



Site 7, Card T22



Site 7, Card T1

Survey Name :	ITS J-410 Malahide
Site:	Site 7
Date:	15-07-2020
Time:	07:00-19:00
Location:	53.451441, -6.153758
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C

Irish Traffic Surveys

	A => A								A => B							
TIME	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	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	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	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
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	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
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	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	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	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	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12 TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

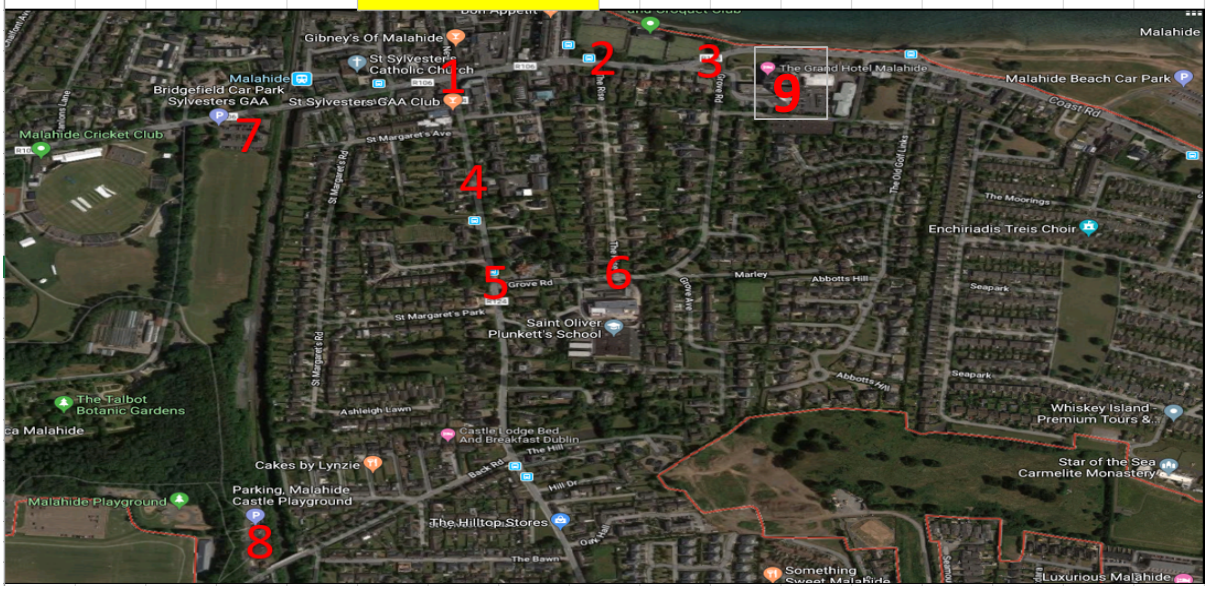
A => C								B => A							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	3	2	1	0	0	0	1	7
0	0	0	0	0	0	0	0	5	1	0	0	0	0	2	8
0	0	0	0	0	0	0	0	6	0	0	0	0	1	0	7
0	0	0	0	0	0	0	0	9	2	0	0	0	0	0	11
0	0	0	0	0	0	0	0	23	5	1	0	0	1	3	33
0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	12
0	0	0	0	0	0	0	0	11	2	0	0	0	0	0	13
0	0	0	0	0	0	0	0	15	6	1	0	0	0	0	22
0	0	0	0	0	0	0	0	13	3	0	0	0	0	0	16
0	0	0	0	0	0	0	0	51	11	1	0	0	0	0	63
0	0	0	0	0	0	0	0	18	1	2	0	0	0	0	21
0	0	0	0	0	0	0	0	12	3	0	0	0	0	0	15
0	0	0	0	0	0	0	0	20	1	0	0	0	0	2	23
0	0	0	0	0	0	0	0	16	3	0	0	0	0	0	19
0	0	0	0	0	0	0	0	66	8	2	0	0	0	2	78
0	0	0	0	0	0	0	0	23	4	0	0	0	0	0	27
0	0	0	0	0	0	0	0	17	3	0	0	0	0	1	21
0	0	0	0	0	0	0	0	29	3	1	0	0	0	0	33
0	0	0	0	0	0	0	0	16	2	0	0	0	0	2	20
0	0	0	0	0	0	0	0	85	12	1	0	0	0	3	101
0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	27
0	0	0	0	0	0	0	0	19	3	0	0	0	0	1	23
0	0	0	0	0	0	0	0	21	1	1	0	0	0	0	23
0	0	0	0	0	0	0	0	22	0	0	0	0	0	2	24
0	0	0	0	0	0	0	0	89	4	1	0	0	0	3	97
0	0	0	0	0	0	0	0	19	1	0	0	0	0	0	20
0	0	0	0	0	0	0	0	25	5	0	0	0	0	1	31
0	0	0	0	0	0	0	0	33	2	0	0	0	0	0	35
0	0	0	0	0	0	0	0	31	6	0	0	0	0	1	38
0	0	0	0	0	0	0	0	108	14	0	0	0	0	2	124
0	0	0	0	0	0	0	0	29	4	0	0	0	1	0	34
0	0	0	0	0	0	0	0	27	4	0	0	0	0	0	31
0	0	0	0	0	0	0	0	32	0	0	0	0	0	1	33
0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	21
0	0	0	0	0	0	0	0	109	8	0	0	0	1	1	119
0	0	0	0	0	0	0	0	30	1	0	0	0	0	0	31
0	0	0	0	0	0	0	0	27	1	0	0	0	0	0	28
0	0	0	0	0	0	0	0	22	2	0	0	0	0	0	24
0	0	0	0	0	0	0	0	22	3	0	0	0	0	0	25
0	0	0	0	0	0	0	0	101	7	0	0	0	0	0	108
0	0	0	0	0	0	0	0	31	2	0	0	0	0	0	33
0	0	0	0	0	0	0	0	16	3	0	0	0	0	0	19
0	0	0	0	0	0	0	0	29	2	0	0	0	0	0	31
0	0	0	0	0	0	0	0	23	3	0	0	0	0	0	26
0	0	0	0	0	0	0	0	99	10	0	0	0	0	0	109
0	0	0	0	0	0	0	0	19	4	0	0	0	0	0	23
0	0	0	0	0	0	0	0	32	1	0	0	0	0	2	35
0	0	0	0	0	0	0	0	27	1	0	0	0	0	1	29
0	0	0	0	0	0	0	0	33	3	0	0	0	0	5	41
0	0	0	0	0	0	0	0	111	9	0	0	0	0	8	128
0	0	0	0	0	0	0	0	31	3	0	0	0	0	0	34
0	0	0	0	0	0	0	0	23	1	0	0	0	0	0	24
0	0	0	0	0	0	0	0	25	1	0	0	0	0	1	27
0	0	0	0	0	0	0	0	26	0	0	0	0	0	3	29
0	0	0	0	0	0	0	0	105	5	0	0	0	0	4	114
0	0	0	0	0	0	0	0	21	1	0	0	0	0	2	24
0	0	0	0	0	0	0	0	29	2	0	0	0	0	1	32
0	0	0	0	0	0	0	0	37	0	0	0	0	0	0	37
0	0	0	0	0	0	0	0	23	0	0	0	0	1	3	27
0	0	0	0	0	0	0	0	110	3	0	0	0	1	6	120
0	0	0	0	0	0	0	0	1057	96	6	0	0	3	32	1194

B => B								B => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0	34	3	0	0	1	0	1	39
0	0	0	0	0	0	0	0	32	4	1	0	3	0	1	41
0	0	0	0	0	0	0	0	47	5	0	2	1	0	4	59
0	0	0	0	0	0	0	0	47	4	1	0	1	1	3	57
0	0	0	0	0	0	0	0	160	16	2	2	6	1	9	196
0	0	0	0	0	0	0	0	63	3	0	0	1	0	9	76
0	0	0	0	0	0	0	0	73	4	3	0	0	0	6	86
0	0	0	0	0	0	0	0	94	8	4	1	2	0	1	110
0	0	0	0	0	0	0	0	76	6	0	1	0	0	3	86
0	0	0	0	0	0	0	0	306	21	7	2	3	0	19	358
0	0	0	0	0	0	0	0	75	9	3	0	1	0	1	89
0	0	0	0	0	0	0	0	65	7	3	2	2	0	1	80
0	0	0	0	0	0	0	0	66	8	4	0	0	0	2	80
0	0	0	0	0	0	0	0	75	13	1	1	3	0	4	97
0	0	0	0	0	0	0	0	281	37	11	3	6	0	8	346
0	0	0	0	0	0	0	0	81	11	5	0	1	0	0	98
0	0	0	0	0	0	0	0	81	8	3	0	0	0	1	93
0	0	0	0	0	0	0	0	93	12	3	0	1	1	1	111
0	0	0	0	0	0	0	0	100	10	2	0	1	1	0	114
0	0	0	0	0	0	0	0	355	41	13	0	3	2	2	416
0	0	0	0	0	0	0	0	98	12	3	2	0	0	1	116
0	0	0	0	0	0	0	0	83	9	5	2	0	0	1	100
0	0	0	0	0	0	0	0	98	13	1	0	1	0	1	114
0	0	0	0	0	0	0	0	95	7	5	0	1	0	3	111
0	0	0	0	0	0	0	0	374	41	14	4	2	0	6	441
0	0	0	0	0	0	0	0	119	3	1	2	1	0	5	131
0	0	0	0	0	0	0	0	102	10	1	1	1	1	2	118
0	0	0	0	0	0	0	0	85	10	2	2	0	3	4	106
0	0	0	0	0	0	0	0	98	11	2	1	0	0	2	114
0	0	0	0	0	0	0	0	404	34	6	6	2	4	13	469
0	0	0	0	0	0	0	0	99	10	2	1	2	0	2	116
0	0	0	0	0	0	0	0	90	9	2	0	0	0	5	106
0	0	0	0	0	0	0	0	115	7	3	1	1	0	2	129
0	0	0	0	0	0	0	0	98	13	0	1	0	0	5	117
0	0	0	0	0	0	0	0	402	39	7	3	3	0	14	468
0	0	0	0	0	0	0	0	112	9	0	0	3	1	5	130
0	0	0	0	0	0	0	0	104	10	0	1	0	0	2	117
0	0	0	0	0	0	0	0	100	15	3	1	1	0	1	121
0	0	0	0	0	0	0	0	113	6	2	2	0	0	6	129
0	0	0	0	0	0	0	0	429	40	5	4	4	1	14	497
0	0	0	0	0	0	0	0	105	11	2	2	3	1	7	131
0	0	0	0	0	0	0	0	95	14	2	1	0	2	3	117
0	0	0	0	0	0	0	0	118	13	4	2	2	0	3	142
0	0	0	0	0	0	0	0	109	8	0	1	0	1	1	120
0	0	0	0	0	0	0	0	427	46	8	6	5	4	14	510
0	0	0	0	0	0	0	0	119	12	2	0	3	0	3	139
0	0	0	0	0	0	0	0	91	8	2	0	0	0	3	104
0	0	0	0	0	0	0	0	97	10	1	0	2	0	4	114
0	0	0	0	0	0	0	0	101	12	0	0	1	1	2	117
0	0	0	0	0	0	0	0	408	42	5	0	6	1	12	474
0	0	0	0	0	0	0	0	101	13	1	0	1	0	5	121
0	0	0	0	0	0	0	0	90	7	0	0	0	1	8	106
0	0	0	0	0	0	0	0	99	9	0	0	2	1	3	114
0	0	0	0	0	0	0	0	98	8	1	0	0	0	7	114
0	0	0	0	0	0	0	0	388	37	2	0	3	2	23	455
0	0	0	0	0	0	0	0	100	7	0	0	2	0	3	112
0	0	0	0	0	0	0	0	90	5	0	0	2	1	s	98
0	0	0	0	0	0	0	0	108	6	1	0	1	0	8	124
0	0	0	0	0	0	0	0	117	5	0	0	2	1	3	128
0	0	0	0	0	0	0	0	415	23	1	0	7	2	14	462
0	0	0	0	0	0	0	0	4349	417	81	30	50	17	148	5092

C => A								C => B							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	3	0	0	0	0	0	3	13	5	0	0	0	0	1	19
1	2	1	0	0	0	0	4	15	10	3	0	0	0	2	30
4	3	0	0	0	0	0	7	29	5	1	0	1	0	2	38
4	0	1	0	0	0	0	5	47	14	1	0	0	0	2	64
9	8	2	0	0	0	0	19	104	34	5	0	1	0	7	151
7	0	0	0	0	0	0	7	29	8	5	0	1	0	0	43
8	1	0	0	0	0	0	9	28	6	1	2	0	0	0	37
10	0	0	1	0	0	0	11	41	5	1	0	1	0	2	50
17	3	0	0	0	0	0	20	47	8	2	0	0	0	3	60
42	4	0	1	0	0	0	47	145	27	9	2	2	0	5	190
8	3	2	1	0	0	0	14	32	7	3	0	1	0	1	44
9	0	1	0	0	1	0	11	49	7	3	0	1	0	0	60
8	1	2	0	0	0	0	11	41	15	4	0	1	0	1	62
15	4	1	1	0	0	0	21	67	5	2	0	0	0	0	74
40	8	6	2	0	1	0	57	189	34	12	0	3	0	2	240
17	2	0	0	0	0	0	19	50	3	3	0	2	1	0	59
14	4	0	0	0	0	0	18	58	8	0	0	0	0	0	66
20	2	0	0	0	0	0	22	45	8	0	0	1	0	1	55
27	3	0	1	0	0	0	31	58	4	4	0	0	0	1	67
78	11	0	1	0	0	0	90	211	23	7	0	3	1	2	247
13	1	0	1	0	0	0	15	50	6	2	0	1	0	1	60
17	2	0	0	0	0	0	19	66	5	3	1	0	0	0	75
11	0	1	0	0	0	1	13	74	5	1	0	1	0	2	83
12	1	0	0	0	0	0	13	77	3	1	0	0	0	0	81
53	4	1	1	0	0	1	60	267	19	7	1	2	0	3	299
26	2	0	1	0	0	0	29	84	5	1	0	1	0	0	91
12	2	0	1	0	0	0	15	73	7	2	0	0	0	2	84
23	3	1	0	0	0	0	27	68	6	1	0	1	0	1	77
21	2	0	1	0	0	0	24	81	8	1	0	0	0	4	94
82	9	1	3	0	0	0	95	306	26	5	0	2	0	7	346
13	1	0	1	0	0	0	15	69	10	1	0	1	0	2	83
20	3	0	1	0	0	0	24	77	3	0	0	0	1	4	85
21	0	0	2	0	0	1	24	69	3	0	0	1	0	1	74
17	3	0	0	0	0	0	20	79	4	1	0	1	0	1	86
71	7	0	4	0	0	1	83	294	20	2	0	3	1	8	328
13	0	0	1	0	0	0	14	75	5	1	0	0	0	5	86
31	0	0	1	0	0	1	33	84	8	0	0	1	0	1	94
18	3	0	0	0	0	0	21	80	9	1	0	1	0	2	93
21	0	0	1	0	0	0	22	77	6	0	0	0	1	4	88
83	3	0	3	0	0	1	90	316	28	2	0	2	1	12	361
20	4	0	1	0	0	0	25	55	7	0	0	1	0	3	66
18	0	1	0	0	0	0	19	67	5	0	0	0	0	1	73
20	0	0	1	0	0	1	22	66	5	0	0	1	0	3	75
18	1	1	1	0	1	1	23	80	3	0	1	0	0	2	86
76	5	2	3	0	1	2	89	268	20	0	1	2	0	9	300
22	1	0	0	0	0	0	23	77	6	0	0	1	2	1	87
18	0	0	0	0	0	0	18	100	8	0	0	1	1	2	112
18	0	0	0	0	0	0	18	66	1	1	0	2	0	5	75
18	0	0	0	0	0	0	18	69	2	0	0	0	0	7	78
76	1	0	0	0	0	0	77	312	17	1	0	4	3	15	352
18	0	0	0	0	0	0	18	80	6	0	0	1	1	6	94
14	0	0	0	0	0	0	14	74	3	0	1	0	0	3	81
17	2	0	0	0	0	0	19	69	9	0	1	0	0	2	81
12	1	0	0	0	0	0	13	78	2	0	1	1	0	4	86
61	3	0	0	0	0	0	64	301	20	0	3	2	1	15	342
24	1	0	0	0	0	0	25	84	3	0	1	1	0	2	91
23	2	0	0	0	0	0	25	71	8	0	0	0	0	2	81
16	0	0	0	0	0	0	16	87	0	0	0	1	0	5	93
17	1	0	0	0	0	0	18	82	0	0	0	0	0	9	91
80	4	0	0	0	0	0	84	324	11	0	1	2	0	18	356
751	67	12	18	0	2	5	855	3037	279	50	8	28	7	103	3512

C => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
1	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1

Sites Overview



Irish Traffic Surveys

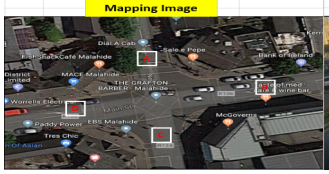
Survey Name :	ITS J-347 Malahide
Site:	
Date:	09.10.2019
Time:	07:00 - 12:00
Location:	53.4449143,-6.1781695,5326
Classification:	Car, LGV, OGV1, OGV2, PSV, P/C, M/C, Peds

Irish Traffic Surveys

Survey Name :	ITS J-347 Malahide
Site:	Site 1
Date:	09.10.2019
Time:	07:00 - 12:00
Location:	53.450726, -6.15363
Classification:	Car, LGV, OGV1, OGV2, Bus, P/C, M/C

	A => A									
TIME	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV
07:00	0	0	0	0	0	0	0	0	1	0
07:15	0	0	0	0	0	0	0	0	4	1
07:30	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	3	1
H/TOT	0	0	0	0	0	0	0	0	8	2
08:00	0	0	0	0	0	0	0	0	4	2
08:15	0	0	0	0	0	0	0	0	3	0
08:30	0	0	0	0	0	0	0	0	4	0
08:45	0	0	0	0	0	0	0	0	5	0
H/TOT	0	0	0	0	0	0	0	0	16	2
09:00	0	0	0	0	0	0	0	0	5	1
09:15	0	0	0	0	0	0	0	0	2	0
09:30	0	0	0	0	0	0	0	0	4	0
09:45	0	0	0	0	0	0	0	0	5	0
H/TOT	0	0	0	0	0	0	0	0	16	1
10:00	0	0	0	0	0	0	0	0	6	0
10:15	0	0	0	0	0	0	0	0	4	0
10:30	0	0	0	0	0	0	0	0	4	0
10:45	0	0	0	0	0	0	0	0	3	2
H/TOT	0	0	0	0	0	0	0	0	17	2
11:00	0	0	0	0	0	0	0	0	6	3
11:15	0	0	0	0	0	0	0	0	7	2
11:30	0	0	0	0	0	0	0	0	3	1
11:45	0	0	0	0	0	0	0	0	4	0
H/TOT	0	0	0	0	0	0	0	0	20	6
4 hr TOT	0	0	0	0	0	0	0	0	77	13

Mapping Image



Site 1, Card IT58

A => B						A => C							
OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
2	0	0	0	0	3	2	1	0	0	0	0	0	3
1	0	0	0	0	6	6	1	0	0	0	0	0	7
0	0	0	0	0	0	7	0	1	0	0	0	0	8
0	0	0	0	0	4	7	0	0	0	0	0	0	7
3	0	0	0	0	13	22	2	1	0	0	0	0	25
0	0	0	0	0	6	26	0	0	0	0	0	0	26
1	0	0	0	0	4	45	0	1	0	0	0	0	46
0	0	0	0	0	4	29	2	0	0	0	0	0	31
0	0	0	0	0	5	38	2	0	0	0	1	0	41
1	0	0	0	0	19	138	4	1	0	0	1	0	144
0	0	0	0	0	6	18	1	0	0	0	0	0	19
1	0	0	0	0	3	8	1	0	0	0	0	0	9
1	0	0	0	0	5	14	0	0	0	0	0	1	15
0	0	0	0	0	5	7	1	0	0	0	0	1	9
2	0	0	0	0	19	47	3	0	0	0	0	2	52
0	0	0	0	0	6	8	1	0	0	0	0	0	9
0	0	0	0	0	4	9	1	0	0	0	0	0	10
0	0	0	0	0	4	15	2	0	0	0	0	0	17
0	0	0	0	2	7	10	0	0	0	0	0	0	10
0	0	0	0	2	21	42	4	0	0	0	0	0	46
1	0	0	0	0	10	17	0	1	0	0	0	0	18
0	0	0	0	0	9	12	3	0	0	0	0	0	15
0	0	0	0	0	4	12	2	0	0	0	0	0	14
0	0	0	0	0	4	20	0	0	0	0	0	0	20
1	0	0	0	0	27	61	5	1	0	0	0	0	67
7	0	0	0	2	99	310	18	3	0	0	1	2	334

A => D								B => A							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
11	1	0	0	0	0	0	3	4	1	0	0	0	0	0	5
14	1	1	0	0	0	0	7	1	0	0	0	2	0	0	3
11	2	0	0	0	0	1	8	1	0	1	0	1	0	0	3
8	2	1	0	0	0	0	7	4	0	0	0	0	0	0	4
44	6	2	0	0	0	1	25	10	1	1	0	3	0	0	15
10	1	1	0	0	0	0	26	5	0	0	0	1	0	0	6
15	2	0	0	0	0	0	46	5	0	1	0	0	1	0	7
17	2	2	0	0	0	0	31	2	0	0	0	0	0	0	2
14	0	0	0	0	0	0	41	9	1	0	0	1	0	0	11
56	5	3	0	0	0	0	144	21	1	1	0	2	1	0	26
13	0	0	0	0	0	0	19	8	0	1	0	0	0	0	9
10	3	0	0	0	0	0	9	4	2	0	0	0	0	0	6
12	3	1	0	0	0	0	15	9	1	0	0	1	0	0	11
7	2	0	0	0	0	0	9	5	2	0	0	1	0	0	8
42	8	1	0	0	0	0	52	26	5	1	0	2	0	0	34
22	0	0	0	0	0	0	9	8	1	0	0	0	0	2	11
14	4	1	0	0	0	0	10	10	0	0	0	0	0	0	10
16	3	0	0	0	0	0	17	12	2	0	0	0	0	0	14
14	4	0	0	0	0	0	10	9	1	0	0	0	0	1	11
66	11	1	0	0	0	0	46	39	4	0	0	0	0	3	46
14	3	0	0	0	0	0	18	7	0	0	0	1	0	0	8
2	2	1	0	0	0	0	15	8	2	1	0	0	0	0	11
12	0	1	0	0	0	0	14	2	0	0	0	0	0	0	2
8	4	0	0	0	0	0	20	9	3	0	0	0	0	0	12
36	9	2	0	0	0	0	67	26	5	1	0	1	0	0	33
244	39	9	0	0	0	1	334	122	16	4	0	8	1	3	154

B => B								B => C							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
0	0	0	0	0	0	0	0	5	0	1	0	0	0	0	6
0	0	0	0	0	0	0	0	9	3	0	0	0	0	0	12
0	0	0	0	0	0	0	0	5	1	0	0	0	0	1	7
0	0	0	0	0	0	0	0	26	4	1	0	0	0	1	32
0	0	0	0	0	0	0	0	5	3	1	0	0	0	0	9
0	0	0	0	0	0	0	0	7	2	0	0	0	0	0	9
0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	21
0	0	0	0	0	0	0	0	43	5	1	0	0	0	0	49
0	0	0	0	0	0	0	0	18	1	0	0	0	0	0	19
0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	7	2	0	0	0	0	0	9
0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	7
0	0	0	0	0	0	0	0	34	3	0	0	0	0	0	37
0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	9
0	0	0	0	0	0	0	0	9	1	0	0	0	0	0	10
0	0	0	0	0	0	0	0	12	1	1	0	0	0	0	14
0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10
0	0	0	0	0	0	0	0	39	3	1	0	0	0	0	43
0	0	0	0	0	0	0	0	13	3	0	0	0	0	0	16
0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	8
0	0	0	0	0	0	0	0	6	4	0	0	0	0	0	10
0	0	0	0	0	0	0	0	10	2	0	0	0	1	0	13
0	0	0	0	0	0	0	0	36	10	0	0	0	1	0	47
0	0	0	0	0	0	0	0	178	25	3	0	0	1	1	208

B => D								C => A							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
38	2	0	3	2	0	2	7	5	0	0	0	0	0	0	5
70	7	0	1	2	0	0	6	4	2	0	0	0	0	0	6
63	5	0	0	1	0	3	12	5	0	0	0	0	0	0	5
87	4	1	0	4	0	1	7	12	0	0	0	0	0	0	12
258	18	1	4	9	0	6	32	26	2	0	0	0	0	0	28
72	4	3	0	3	0	1	9	12	0	0	0	0	0	0	12
99	3	2	0	0	0	0	9	18	1	0	0	0	0	0	19
79	5	1	1	3	0	0	10	24	1	0	0	0	0	0	25
81	4	0	0	0	0	1	21	17	0	0	0	0	0	0	17
331	16	6	1	6	0	2	49	71	2	0	0	0	0	0	73
78	5	1	0	1	0	1	19	24	0	0	0	0	0	0	24
77	11	2	0	1	0	0	2	11	2	0	0	0	0	0	13
64	2	0	1	1	0	2	9	5	0	0	0	0	0	1	6
57	4	2	1	0	0	0	7	10	1	0	0	0	0	0	11
276	22	5	2	3	0	3	37	50	3	0	0	0	0	1	54
69	6	1	0	3	0	0	9	7	1	0	0	0	0	0	8
54	6	1	3	0	0	1	10	18	0	0	0	0	0	0	18
61	7	1	0	1	1	0	14	10	1	0	0	0	0	0	11
56	4	0	0	0	0	0	10	10	0	0	0	0	0	0	10
240	23	3	3	4	1	1	43	45	2	0	0	0	0	0	47
53	7	1	0	1	0	2	16	15	2	0	0	0	0	0	17
74	5	5	1	0	0	1	8	8	0	0	0	0	0	0	8
66	6	3	4	2	0	4	10	10	1	0	0	0	0	0	11
70	4	4	0	0	0	1	13	9	1	0	0	0	0	0	10
263	22	13	5	3	0	8	47	42	4	0	0	0	0	0	46
1368	101	28	15	25	1	20	208	234	13	0	0	0	0	1	248

C => B								C => C							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
13	2	0	0	0	0	0	15	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
15	1	0	0	0	0	0	16	0	0	0	0	0	0	0	0
17	0	1	0	1	0	0	19	0	0	0	0	0	0	0	0
51	2	1	0	1	0	0	55	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
43	1	0	0	0	0	0	44	0	0	0	0	0	0	0	0
10	1	0	0	0	0	0	11	0	0	0	0	0	0	0	0
10	0	1	0	0	0	0	11	0	0	0	0	0	0	0	0
13	1	0	0	0	0	0	14	0	0	0	0	0	0	0	0
17	0	0	0	0	1	0	18	0	0	0	0	0	0	0	0
50	2	1	0	0	1	0	54	0	0	0	0	0	0	0	0
7	2	0	0	0	0	0	9	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
12	1	0	0	0	0	1	14	0	0	0	0	0	0	0	0
7	3	0	0	0	0	0	10	0	0	0	0	0	0	0	0
42	6	0	0	0	0	1	49	0	0	0	0	0	0	0	0
199	13	2	0	1	1	1	217	0	0	0	0	0	0	0	0

C => D								D => A							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
5	1	1	0	1	0	0	8	12	2	0	0	0	1	0	15
21	1	0	0	2	0	2	26	2	1	0	0	0	0	0	3
14	2	0	0	1	0	0	17	2	0	2	0	0	0	0	4
14	2	1	0	3	0	1	21	5	1	1	1	0	0	0	8
54	6	2	0	7	0	3	72	21	4	3	1	0	1	0	30
19	0	0	0	5	0	0	24	4	0	0	0	0	0	0	4
22	0	1	0	0	0	0	23	4	0	1	0	0	0	0	5
23	0	0	0	1	0	0	24	5	0	2	0	0	0	0	7
17	0	0	0	1	0	0	18	14	0	0	0	0	0	0	14
81	0	1	0	7	0	0	89	27	0	3	0	0	0	0	30
23	0	0	0	1	0	0	24	7	1	0	0	0	0	0	8
18	2	2	0	1	0	0	23	6	1	0	0	0	0	0	7
12	1	1	1	0	0	0	15	8	0	0	0	0	0	0	8
11	3	0	0	0	0	0	14	7	1	1	0	0	1	0	10
64	6	3	1	2	0	0	76	28	3	1	0	0	1	0	33
8	1	0	0	0	0	0	9	7	0	0	0	0	0	0	7
16	2	1	0	1	0	0	20	5	2	0	0	0	0	0	7
16	2	0	0	0	0	0	18	11	2	0	0	0	0	0	13
19	2	3	0	1	0	0	25	9	3	1	0	0	0	0	13
59	7	4	0	2	0	0	72	32	7	1	0	0	0	0	40
17	2	1	0	0	0	0	20	10	1	0	0	0	0	0	11
16	3	0	0	1	0	0	20	9	0	2	0	0	0	0	11
21	3	0	1	0	0	0	25	5	1	1	0	0	0	0	7
10	3	0	0	1	0	0	14	8	2	1	0	0	0	0	11
64	11	1	1	2	0	0	79	32	4	4	0	0	0	0	40
322	30	11	2	20	0	3	388	140	18	12	1	0	2	0	173

D => B								D => C							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
22	5	0	0	3	0	0	30	2	4	0	0	0	0	0	6
38	10	0	0	3	0	0	51	9	1	0	0	0	0	0	10
48	6	1	0	1	0	0	56	8	3	0	0	2	0	0	13
57	9	2	1	4	0	0	73	13	2	0	0	2	0	0	17
165	30	3	1	11	0	0	210	32	10	0	0	4	0	0	46
41	11	1	0	5	0	1	59	22	2	0	0	1	0	1	26
49	8	2	2	0	1	1	63	41	0	0	0	1	0	0	42
41	3	1	0	1	0	1	47	28	1	0	1	3	0	0	33
56	2	5	0	2	0	1	66	16	1	1	1	0	0	0	19
187	24	9	2	8	1	4	235	107	4	1	2	5	0	1	120
54	5	0	2	2	0	1	64	17	0	0	0	1	0	1	19
49	6	3	0	3	0	1	62	5	4	0	0	1	0	1	11
46	6	1	1	1	0	0	55	6	0	0	0	0	0	0	6
64	8	2	0	1	0	0	75	5	0	0	0	1	0	0	6
213	25	6	3	7	0	2	256	33	4	0	0	3	0	2	42
65	8	2	2	1	0	0	78	9	1	0	0	0	0	0	10
53	7	1	1	0	0	0	62	9	3	1	0	1	0	0	14
49	9	0	0	1	0	0	59	4	0	2	0	1	0	0	7
56	6	2	0	0	0	1	65	5	0	0	0	1	0	0	6
223	30	5	3	2	0	1	264	27	4	3	0	3	0	0	37
45	11	4	2	1	0	0	63	8	1	1	0	0	0	0	10
60	4	3	0	0	0	0	67	9	1	1	0	1	0	0	12
42	7	1	1	2	0	2	55	3	2	0	0	1	0	0	6
60	4	1	0	0	0	2	67	6	3	0	0	0	0	0	9
207	26	9	3	3	0	4	252	26	7	2	0	2	0	0	37
995	135	32	12	31	1	11	1217	225	29	6	2	17	0	3	282

D => D							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

Irish Traffic Surveys

Survey Name :	ITS J-347 Malahide
Site:	Site 2
Date:	09.10.2019
Time:	07:00 - 12:00
Location:	53.450925, -6.1509
Classification:	Car, LGV, OGV1, OGV2, Bus, P/C, M/C

	A => A									
TIME	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV
07:00	1	0	0	0	0	0	0	1	0	0
07:15	0	0	0	0	0	0	0	0	5	1
07:30	0	0	0	0	0	0	0	0	1	0
07:45	0	0	0	0	0	0	0	0	2	0
H/TOT	1	0	0	0	0	0	0	1	8	1
08:00	0	0	0	0	0	0	0	0	5	0
08:15	0	0	0	0	0	0	0	0	6	0
08:30	0	0	0	0	0	0	0	0	6	1
08:45	0	0	0	0	0	0	0	0	1	0
H/TOT	0	0	0	0	0	0	0	0	18	1
09:00	1	0	0	0	0	0	0	1	0	0
09:15	0	0	0	0	0	0	0	0	3	0
09:30	0	0	0	0	0	0	0	0	7	0
09:45	0	0	0	0	0	0	0	0	3	0
H/TOT	1	0	0	0	0	0	0	1	13	0
10:00	0	0	0	0	0	0	0	0	3	0
10:15	2	0	0	0	0	0	0	2	3	0
10:30	0	0	0	0	0	0	0	0	3	0
10:45	0	0	0	0	0	0	0	0	0	0
H/TOT	2	0	0	0	0	0	0	2	9	0
11:00	0	0	0	0	0	0	0	0	5	0
11:15	0	0	0	0	0	0	0	0	2	0
11:30	0	0	0	0	0	0	0	0	3	0
11:45	1	0	0	0	0	0	0	1	5	0
H/TOT	1	0	0	0	0	0	0	1	15	0
4hr TOT	5	0	0	0	0	0	0	5	63	2

A => B						A => C							
OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	0	47	1	2	0	2	0	1	53
0	0	0	0	0	6	72	3	2	0	5	0	0	82
0	0	0	0	0	1	79	7	0	0	4	0	4	94
0	0	0	0	0	2	104	6	2	0	3	0	1	116
0	0	0	0	0	9	302	17	6	0	14	0	6	345
0	0	0	0	0	5	91	9	3	0	0	0	0	103
0	0	0	0	0	6	145	9	1	0	0	0	1	156
0	0	0	0	0	7	98	6	1	1	3	0	0	109
0	0	0	0	0	1	86	7	0	0	1	0	1	95
0	0	0	0	0	19	420	31	5	1	4	0	2	463
0	0	0	0	0	0	95	6	1	0	1	0	1	104
0	0	0	0	0	3	94	14	2	0	1	0	2	113
0	0	0	0	0	7	90	5	0	1	2	0	3	101
0	0	0	0	0	3	86	6	3	1	1	0	2	99
0	0	0	0	0	13	365	31	6	2	5	0	8	417
0	0	0	0	0	3	87	5	2	0	3	0	4	101
0	1	0	0	0	4	102	9	2	2	0	0	2	117
0	0	0	0	0	3	92	11	1	0	1	1	5	111
0	0	0	0	0	0	80	3	1	0	0	0	1	85
0	1	0	0	0	10	361	28	6	2	4	1	12	414
0	0	0	0	0	5	83	12	2	0	2	0	2	101
0	0	0	0	0	2	67	8	4	0	0	1	4	84
0	0	0	0	0	3	77	12	3	1	2	0	3	98
0	0	0	0	0	5	104	4	4	0	0	0	1	113
0	0	0	0	0	15	331	36	13	1	4	1	10	396
0	1	0	0	0	66	1779	143	36	6	31	2	38	2035

B => A								B => B							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
19	1	0	0	0	0	0	20	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
73	1	0	0	0	0	0	74	0	0	0	0	0	0	0	0

B => C								C => A							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
2	0	0	0	0	0	0	2	23	5	0	0	4	0	0	32
4	0	0	0	0	0	0	4	70	8	1	0	4	0	1	84
4	0	0	0	0	0	1	5	75	5	1	0	2	0	1	84
2	1	0	0	0	0	0	3	98	10	1	1	6	0	2	118
12	1	0	0	0	0	1	14	266	28	3	1	16	0	4	318
4	0	0	0	0	0	0	4	86	10	1	0	3	0	1	101
6	0	0	0	0	0	0	6	126	11	2	2	3	0	0	144
17	0	0	0	0	0	0	17	109	7	3	0	2	0	1	122
50	2	0	0	0	0	0	52	111	2	5	0	3	0	0	121
77	2	0	0	0	0	0	79	432	30	11	2	11	0	2	488
29	0	0	0	0	0	0	29	109	8	2	1	4	0	1	125
5	1	0	0	0	0	0	6	80	8	4	0	3	0	0	95
1	0	0	0	0	0	0	1	72	11	1	0	2	0	0	86
5	0	0	0	0	0	0	5	81	8	2	0	2	0	1	94
40	1	0	0	0	0	0	41	342	35	9	1	11	0	2	400
5	0	0	0	0	0	0	5	95	4	1	1	2	0	2	105
2	0	1	1	0	0	0	4	69	6	4	1	0	0	1	81
5	1	0	0	0	0	0	6	68	7	0	0	1	0	1	77
2	0	0	0	0	0	0	2	89	7	5	0	1	0	4	106
14	1	1	1	0	0	0	17	321	24	10	2	4	0	8	369
4	0	0	0	0	0	0	4	89	13	4	1	2	0	1	110
3	0	0	0	0	0	0	3	93	8	2	0	0	0	1	104
0	1	0	0	0	0	0	1	78	8	0	0	2	0	2	90
4	0	0	0	0	0	0	4	93	5	1	0	0	0	1	100
11	1	0	0	0	0	0	12	353	34	7	1	4	0	5	404
154	6	1	1	0	0	1	163	1714	151	40	7	46	0	21	1979

C => B								C => C							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
20	1	0	0	0	0	0	21	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
21	1	0	0	0	0	0	22	0	0	0	0	0	0	0	0
92	2	0	0	0	0	0	94	0	0	0	0	0	0	0	0

Irish Traffic Surveys

Survey Name :	ITS J-347 Malahide
Site:	Site 3
Date:	09.10.2019
Time:	07:00 - 12:00
Location:	53.450911, -6.14919
Classification:	Car, LGV, OGV1, OGV2, Bus, P/C, M/C

	A => A									
TIME	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV
07:00	0	0	0	0	0	0	0	0	2	0
07:15	0	0	0	0	0	0	0	0	2	0
07:30	0	0	0	0	0	0	0	0	2	0
07:45	0	0	0	0	0	0	0	0	3	0
H/TOT	0	0	0	0	0	0	0	0	9	0
08:00	0	0	0	0	0	0	0	0	11	1
08:15	0	0	0	0	0	0	0	0	17	0
08:30	0	0	0	0	0	0	0	0	28	2
08:45	0	0	0	0	0	0	0	0	16	0
H/TOT	0	0	0	0	0	0	0	0	72	3
09:00	2	0	0	0	0	0	0	2	7	0
09:15	0	0	0	0	0	0	0	0	5	0
09:30	0	0	0	0	0	0	0	0	4	1
09:45	0	0	0	0	0	0	0	0	7	0
H/TOT	2	0	0	0	0	0	0	2	23	1
10:00	0	0	0	0	0	0	0	0	3	0
10:15	0	0	0	0	0	0	0	0	2	0
10:30	0	0	0	0	0	0	0	0	8	0
10:45	0	0	0	0	0	0	0	0	12	0
H/TOT	0	0	0	0	0	0	0	0	25	0
11:00	0	0	0	0	0	0	0	0	6	0
11:15	0	0	0	0	0	0	0	0	7	0
11:30	0	0	0	0	0	0	0	0	2	2
11:45	0	0	0	0	0	0	0	0	5	1
H/TOT	0	0	0	0	0	0	0	0	0	0
4 hr TOT	2	0	0	0	0	0	0	2	149	7

A => B						A => C							
OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	2	43	3	1	1	2	0	2	52
0	0	0	0	0	2	67	7	0	1	4	0	0	79
0	0	0	0	0	2	73	6	0	0	4	0	4	87
0	0	0	0	0	3	94	8	1	0	3	0	1	107
0	0	0	0	0	9	277	24	2	2	13	0	7	325
0	0	0	0	0	12	98	9	4	0	3	0	1	115
0	0	0	0	0	17	129	7	1	0	0	0	1	138
0	0	0	0	0	30	107	4	1	1	3	0	0	116
0	0	0	0	0	16	67	8	2	0	1	0	1	79
0	0	0	0	0	75	401	28	8	1	7	0	3	448
0	0	0	0	0	7	82	2	1	0	1	0	1	87
0	0	0	0	0	5	88	12	2	0	1	0	1	104
1	0	0	0	0	6	81	6	0	1	2	0	3	93
0	0	0	0	0	7	77	4	2	0	1	0	3	87
1	0	0	0	0	25	328	24	5	1	5	0	8	371
0	0	0	0	0	3	76	3	2	0	3	0	4	88
0	0	0	0	0	2	92	8	1	3	0	0	5	109
0	0	0	0	0	8	71	10	2	0	1	0	2	86
1	0	0	0	0	13	60	4	0	0	0	0	1	65
1	0	0	0	0	26	299	25	5	3	4	0	12	348
0	0	0	0	0	6	73	10	1	0	2	0	2	88
0	0	0	0	0	7	62	6	5	1	0	0	4	78
0	0	0	0	0	4	61	10	3	1	2	0	3	80
0	0	0	0	0	6	82	4	3	1	0	0	1	91
0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	158	1583	131	32	10	33	0	40	1829

B => A								B => B							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	7	0	0	0	0	0	0	0	0
14	1	0	0	0	0	0	15	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	11	1	0	0	0	0	0	0	1
4	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0
42	1	0	0	0	0	0	43	1	0	0	0	0	0	0	1
18	1	0	0	0	0	0	19	1	0	0	0	0	0	0	1
9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
41	1	0	0	0	0	0	42	1	0	0	0	0	0	0	1
8	3	1	0	0	0	0	12	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
35	3	1	0	0	0	0	39	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	8	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
9	1	0	0	0	0	0	10	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	9	1	0	0	0	0	176	2	0	0	0	0	0	0	2

B => C								C => A							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
2	0	1	0	0	0	0	3	19	3	1	0	4	0	0	27
3	2	1	0	0	0	0	6	54	12	1	0	3	0	1	71
6	2	0	0	0	0	0	8	63	4	1	0	2	0	0	70
9	0	0	0	0	0	0	9	75	9	1	1	6	0	1	93
20	4	2	0	0	0	0	26	211	28	4	1	15	0	2	261
4	1	0	0	0	0	0	5	67	12	1	0	3	0	1	84
15	0	0	0	0	0	0	15	97	9	2	2	3	1	0	114
5	1	0	0	0	0	0	6	95	8	3	0	0	0	2	108
24	0	0	0	0	0	0	24	81	5	5	0	3	0	1	95
48	2	0	0	0	0	0	50	340	34	11	2	9	1	4	401
9	2	0	0	0	0	0	11	84	8	1	2	4	0	0	99
8	0	0	0	0	0	1	9	52	7	4	0	3	0	0	66
12	2	0	0	0	0	0	14	62	11	1	0	2	0	0	76
7	0	1	0	0	0	0	8	73	6	2	0	1	0	1	83
36	4	1	0	0	0	1	42	271	32	8	2	10	0	1	324
11	3	0	0	0	0	0	14	75	5	1	2	2	0	1	86
9	0	1	0	0	0	0	10	63	4	1	1	0	0	0	69
16	2	0	0	0	0	0	18	56	11	0	0	1	0	2	70
17	0	0	0	0	0	0	17	66	7	0	0	1	0	4	78
53	5	1	0	0	0	0	59	260	27	2	3	4	0	7	303
12	1	1	0	0	0	0	14	70	14	4	2	2	0	2	94
8	0	0	0	0	0	1	9	71	8	2	0	0	0	1	82
15	2	0	0	0	0	0	17	72	8	2	0	2	0	3	87
17	1	1	0	0	0	0	19	91	5	0	1	0	0	4	101
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
209	19	6	0	0	0	2	236	1386	156	33	11	42	1	24	1653

C => B								C => C							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	8	0	0	0	0	0	0	0	0
8	2	0	0	0	0	0	10	1	0	0	0	0	0	0	1
16	2	0	0	0	0	0	18	1	0	0	0	0	0	0	1
37	5	0	0	0	0	0	42	2	0	0	0	0	0	0	2
17	0	0	0	0	0	0	17	1	0	0	0	0	0	0	1
16	2	1	0	0	0	0	19	0	0	0	0	0	0	0	0
17	0	0	0	1	0	0	18	1	0	0	0	0	0	0	1
33	0	0	0	0	0	0	33	0	0	0	0	0	0	0	0
83	2	1	0	1	0	0	87	2	0	0	0	0	0	0	2
23	1	0	0	0	0	0	24	0	0	0	0	0	0	0	0
24	1	0	0	0	0	0	25	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	7	1	0	0	0	0	0	0	1
10	3	0	0	0	0	0	13	0	0	0	0	0	0	0	0
63	6	0	0	0	0	0	69	1	0	0	0	0	0	0	1
15	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0
6	4	2	0	0	0	0	12	2	0	0	0	0	0	0	2
12	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	18	3	0	0	0	0	0	0	3
50	5	2	0	0	0	0	57	5	0	0	0	0	0	0	5
12	0	0	0	0	0	0	12	1	0	0	0	0	0	0	1
16	0	0	0	0	0	0	16	2	0	0	0	0	0	0	2
7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
7	1	1	0	0	0	0	9	2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
275	19	4	0	1	0	0	299	15	0	0	0	0	0	0	15

Irish Traffic Surveys

Survey Name :	ITS J-347 Malahide
Site:	Site 4
Date:	09.10.2019
Time:	07:00 - 12:00
Location:	53.448917, -6.15321
Classification:	Car, LGV, OGV1, OGV2, Bus, P/C, M/C

	A => A									
TIME	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV
07:00	0	0	0	0	0	0	0	0	12	1
07:15	0	0	0	0	0	0	0	0	25	1
07:30	0	0	0	0	0	0	0	0	27	6
07:45	0	0	0	0	0	0	0	0	25	4
H/TOT	0	0	0	0	0	0	0	0	89	12
08:00	0	0	0	0	0	0	0	0	52	4
08:15	0	0	0	0	0	0	0	0	110	3
08:30	0	0	0	0	0	0	0	0	74	4
08:45	0	0	0	0	0	0	0	0	75	3
H/TOT	0	0	0	0	0	0	0	0	311	14
09:00	0	0	0	0	0	0	0	0	77	3
09:15	0	0	0	0	0	0	0	0	24	1
09:30	0	0	0	0	0	0	0	0	29	1
09:45	0	0	0	0	0	0	0	0	17	2
H/TOT	0	0	0	0	0	0	0	0	147	7
10:00	0	0	0	0	0	0	0	0	23	3
10:15	0	0	0	0	0	0	0	0	26	4
10:30	0	0	0	0	0	0	0	0	35	2
10:45	0	0	0	0	0	0	0	0	26	3
H/TOT	0	0	0	0	0	0	0	0	110	12
11:00	0	0	0	0	0	0	0	0	36	5
11:15	0	0	0	0	0	0	0	0	28	6
11:30	0	0	0	0	0	0	0	0	24	6
11:45	0	0	0	0	0	0	0	0	39	5
H/TOT	0	0	0	0	0	0	0	0	127	22
4 hr TOT	0	0	0	0	0	0	0	0	784	67

A => B						B => A							
OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	13	15	2	0	0	1	0	0	18
0	0	1	0	0	27	29	1	0	0	2	0	2	34
1	0	2	0	0	36	26	1	0	0	2	0	0	29
0	0	1	0	0	30	35	3	0	0	2	0	1	41
1	0	4	0	0	106	105	7	0	0	7	0	3	122
1	0	1	0	1	59	46	1	0	0	5	0	0	52
1	0	1	0	1	116	69	1	2	0	0	0	0	72
0	1	2	0	0	81	55	2	1	0	1	0	0	59
1	0	0	0	0	79	62	0	1	0	2	0	1	66
3	1	4	0	2	335	232	4	4	0	8	0	1	249
0	0	1	0	0	81	74	0	1	0	1	0	0	76
1	0	1	0	0	27	42	4	1	0	1	0	0	48
0	0	0	1	1	32	27	0	1	1	0	0	2	31
1	0	1	0	0	21	35	4	0	0	1	0	0	40
2	0	3	1	1	161	178	8	3	1	3	0	2	195
0	0	0	0	0	26	34	3	0	0	0	0	0	37
1	0	1	0	0	32	52	3	2	0	1	0	0	58
1	0	0	0	0	38	37	2	0	0	0	0	0	39
2	0	1	0	0	32	52	5	1	0	2	0	0	60
4	0	2	0	0	128	175	13	3	0	3	0	0	194
0	0	0	0	0	41	43	3	1	0	0	0	0	47
2	0	1	0	0	37	35	3	0	1	1	0	0	40
0	0	1	0	0	31	40	2	0	0	0	0	0	42
0	0	0	0	0	44	27	10	0	0	1	0	0	38
2	0	2	0	0	153	145	18	1	1	2	0	0	167
12	1	15	1	3	883	835	50	11	2	23	0	6	927

B => B							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

Irish Traffic Surveys

Survey Name :	ITS J-347 Malahide
Site:	Site 5
Date:	09.10.2019
Time:	07:00 - 12:00
Location:	53.447320, -6.1529
Classification:	Car, LGV, OGV1, OGV2, Bus, P/C, M/C

	A => A									
TIME	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV
07:00	0	0	0	0	0	0	0	0	1	0
07:15	0	0	0	0	0	0	0	0	1	0
07:30	0	0	0	0	0	0	0	0	2	2
07:45	0	0	0	0	0	0	0	0	2	1
H/TOT	0	0	0	0	0	0	0	0	6	3
08:00	0	0	0	0	0	0	0	0	3	3
08:15	0	0	0	0	0	0	0	0	3	3
08:30	0	0	0	0	0	0	0	0	12	1
08:45	0	0	0	0	0	0	0	0	19	1
H/TOT	0	0	0	0	0	0	0	0	37	8
09:00	0	0	0	0	0	0	0	0	11	0
09:15	0	0	0	0	0	0	0	0	1	0
09:30	0	0	0	0	0	0	0	0	2	1
09:45	0	0	0	0	0	0	0	0	1	0
H/TOT	0	0	0	0	0	0	0	0	15	1
10:00	0	0	0	0	0	0	0	0	1	0
10:15	0	0	0	0	0	0	0	0	3	0
10:30	0	0	0	0	0	0	0	0	2	0
10:45	0	0	0	0	0	0	0	0	1	0
H/TOT	0	0	0	0	0	0	0	0	7	0
11:00	0	0	0	0	0	0	0	0	3	0
11:15	0	0	0	0	0	0	0	0	3	1
11:30	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	2	0
H/TOT	0	0	0	0	0	0	0	0	0	0
4hr TOT	0	0	0	0	0	0	0	0	73	13

A => B						A => C							
OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	1	11	2	0	0	0	0	0	13
0	0	0	0	0	1	22	2	1	0	0	0	0	25
0	0	0	0	0	4	26	5	0	0	2	0	0	33
1	0	0	0	0	4	24	1	0	0	2	0	0	27
1	0	0	0	0	10	83	10	1	0	4	0	0	98
0	0	0	0	0	6	47	3	1	0	0	0	2	53
0	0	0	0	0	6	106	3	0	0	2	0	2	113
0	0	0	0	0	13	64	1	0	1	2	0	0	68
0	0	0	0	0	20	60	3	1	0	0	0	0	64
0	0	0	0	0	45	277	10	2	1	4	0	4	298
0	0	0	0	0	11	77	3	0	0	1	0	0	81
1	0	0	0	0	2	28	1	0	0	1	0	0	30
1	0	0	0	0	4	25	0	0	0	0	1	1	27
0	0	0	0	0	1	18	2	1	0	1	0	0	22
2	0	0	0	0	18	148	6	1	0	3	1	1	160
0	0	0	0	0	1	18	2	0	0	0	0	0	20
0	0	0	0	0	3	25	3	1	0	1	0	0	30
0	0	0	0	0	2	30	3	1	0	0	0	0	34
0	0	0	0	0	1	26	2	0	0	0	0	0	28
0	0	0	0	0	7	99	10	2	0	1	0	0	112
0	0	0	0	0	3	29	3	0	0	0	0	0	32
0	0	0	0	0	4	26	4	2	0	1	0	0	33
0	0	0	0	0	0	25	4	0	0	1	0	0	30
0	0	0	0	0	2	33	7	0	0	0	1	1	42
0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	89	720	54	8	1	14	2	6	805

B => A								B => B							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
18	2	0	0	0	0	0	20	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
23	0	1	0	0	0	0	24	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
4	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	4	1	0	0	0	0	75	0	0	0	0	0	0	0	0

B => C								C => A							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
1	0	0	0	0	0	0	1	12	3	0	0	1	0	0	16
10	0	0	0	0	0	0	10	28	1	0	0	2	0	2	33
5	0	0	0	0	0	0	5	21	3	0	0	0	0	0	24
12	1	1	0	0	0	0	14	35	1	1	0	1	0	2	40
28	1	1	0	0	0	0	30	96	8	1	0	4	0	4	113
23	0	0	0	0	0	1	24	45	0	0	0	5	0	0	50
26	0	0	0	0	0	0	26	71	2	1	0	1	0	0	75
30	1	1	0	0	0	0	32	55	1	0	0	0	0	0	56
56	0	0	0	0	0	0	56	74	0	1	0	2	0	0	77
135	1	1	0	0	0	1	138	245	3	2	0	8	0	0	258
49	1	0	0	1	0	0	51	48	0	1	0	1	0	0	50
24	0	0	0	0	0	0	24	38	4	1	0	1	0	0	44
23	0	0	0	0	0	0	23	27	1	1	1	0	1	1	32
3	1	0	0	0	0	0	4	29	3	0	0	1	0	0	33
99	2	0	0	1	0	0	102	142	8	3	1	3	1	1	159
4	0	0	0	0	0	0	4	30	3	0	0	0	0	0	33
15	0	0	0	0	0	0	15	51	2	2	0	1	0	0	56
11	1	0	0	0	0	0	12	36	1	0	0	0	0	0	37
16	1	0	0	0	0	0	17	48	5	3	0	2	0	0	58
46	2	0	0	0	0	0	48	165	11	5	0	3	0	0	184
11	0	1	0	0	0	0	12	31	3	1	0	0	0	0	35
18	0	0	0	0	0	0	18	32	1	0	1	1	0	0	35
13	0	0	0	0	0	0	13	39	2	0	0	0	1	0	42
14	2	0	0	0	1	0	17	20	9	0	0	1	0	0	30
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
364	8	3	0	1	1	1	378	770	45	12	2	20	2	5	856

C => B								C => C							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
6	1	1	0	0	0	0	8	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
11	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0
27	2	1	0	0	0	0	30	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0
44	2	0	0	0	0	0	46	0	0	0	0	0	0	0	0
36	1	0	0	0	0	0	37	0	0	0	0	0	0	0	0
113	3	0	0	0	0	0	116	0	0	0	0	0	0	0	0
14	1	0	0	0	0	0	15	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0
17	2	0	0	0	0	0	19	0	0	0	0	0	0	0	0
60	3	0	0	0	0	0	63	0	0	0	0	0	0	0	0
8	3	1	0	0	0	0	12	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
12	3	0	0	0	0	0	15	0	0	0	0	0	0	0	0
11	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0
37	7	1	0	0	0	0	45	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
8	3	0	0	0	0	0	11	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
12	2	0	0	0	0	0	14	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
279	20	2	0	0	0	0	301	0	0	0	0	0	0	0	0

Irish Traffic Surveys

Survey Name :	ITS J-347 Malahide
Site:	Site 6
Date:	09.10.2019
Time:	07:00 - 12:00
Location:	53.447465, -6.15065
Classification:	Car, LGV, OGV1, OGV2, Bus, P/C, M/C

	A => A								
TIME	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV
07:00	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	2	0
07:30	0	0	0	0	0	0	0	0	2	0
07:45	0	0	0	0	0	0	0	0	2	0
H/TOT	0	0	0	0	0	0	0	0	6	0
08:00	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	1
08:30	0	0	0	0	0	0	0	0	1	0
08:45	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	1	1
09:00	0	0	0	0	0	0	0	0	1	0
09:15	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	2	0
09:45	0	0	0	0	0	0	0	0	2	0
H/TOT	0	0	0	0	0	0	0	0	5	0
10:00	0	0	0	0	0	0	0	0	0	3
10:15	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	2	0
10:45	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	2	3
11:00	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	1	0
11:45	0	0	0	0	0	0	0	0	1	0
H/TOT	0	0	0	0	0	0	0	0	0	0
4 hr TOT	0	0	0	0	0	0	0	0	16	4

A => B						A => C							
OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	2	2	0	0	0	0	0	0	2
0	0	0	0	0	2	1	0	0	0	0	0	0	1
0	0	0	0	0	2	5	0	0	0	0	0	0	5
0	0	0	0	0	6	8	0	0	0	0	0	0	8
0	0	0	0	0	0	11	0	0	0	0	0	1	12
0	0	0	0	0	1	21	0	0	0	0	0	0	21
0	0	0	0	0	1	10	0	0	0	0	0	0	10
0	0	0	0	0	0	10	0	0	0	0	0	0	10
0	0	0	0	0	2	52	0	0	0	0	0	1	53
0	0	0	0	0	1	6	0	0	0	0	0	0	6
0	0	0	0	0	0	7	0	0	0	0	0	0	7
1	0	0	0	0	3	7	0	0	0	0	0	0	7
0	0	0	0	0	2	7	0	0	0	0	0	0	7
1	0	0	0	0	6	27	0	0	0	0	0	0	27
0	0	0	0	0	3	14	0	0	0	0	0	0	14
0	0	0	0	0	0	4	0	0	0	0	0	0	4
0	0	0	0	0	2	5	0	0	0	0	0	0	5
0	0	0	0	0	0	1	1	0	0	0	0	0	2
0	0	0	0	0	5	24	1	0	0	0	0	0	25
1	0	0	0	0	1	13	0	0	0	0	0	0	13
1	0	0	0	0	1	6	0	0	0	0	0	0	6
0	0	0	0	0	1	7	0	0	0	0	0	0	7
0	0	0	0	0	1	8	1	0	0	0	0	0	9
0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	23	145	2	0	0	0	0	1	148

B => A								B => B							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
17	1	0	0	0	0	0	18	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0
54	1	0	0	0	0	0	55	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	3	0	0	0	0	0	75	0	0	0	0	0	0	0	0

B => C								C => A							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	6	1	0	0	0	0	0	0	1
5	1	0	0	0	0	0	6	1	0	0	0	0	0	0	1
13	1	0	0	0	0	0	14	2	0	0	0	0	0	0	2
24	2	0	0	0	0	0	26	4	0	0	0	0	0	0	4
20	1	0	0	0	0	0	21	9	0	0	0	0	0	0	9
21	1	0	0	0	0	0	22	7	0	0	0	0	0	0	7
25	1	1	0	0	0	0	27	10	0	0	0	0	0	0	10
56	1	0	0	0	0	0	57	48	3	0	0	0	0	0	51
122	4	1	0	0	0	0	127	74	3	0	0	0	0	0	77
50	1	0	0	0	0	0	51	8	0	0	0	0	0	0	8
18	0	0	0	0	0	0	18	6	0	0	0	0	0	0	6
16	0	1	0	0	0	0	17	5	1	0	0	0	0	0	6
11	1	0	0	0	0	0	12	7	0	0	0	0	0	0	7
95	2	1	0	0	0	0	98	26	1	0	0	0	0	0	27
7	1	0	0	0	0	0	8	6	1	0	0	0	0	0	7
11	1	0	0	0	0	0	12	6	0	0	0	0	0	0	6
7	1	0	0	0	0	0	8	3	1	0	0	0	0	0	4
13	1	1	0	0	0	0	15	3	0	0	0	0	0	0	3
38	4	1	0	0	0	0	43	18	2	0	0	0	0	0	20
10	0	0	0	0	0	0	10	7	0	0	0	0	0	0	7
15	1	0	0	0	0	1	17	1	0	0	0	0	0	0	1
8	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
7	1	0	0	0	0	1	9	5	0	0	0	0	0	0	5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
319	14	3	0	0	0	2	338	135	6	0	0	0	0	0	141

C => B								C => C							
CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	7	0	0	0	0	0	0	0	0
12	3	0	0	0	0	0	15	0	0	0	0	0	0	0	0
19	5	0	0	0	0	0	24	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0
29	1	0	0	0	0	0	30	0	0	0	0	0	0	0	0
12	1	0	0	0	0	0	13	0	0	0	0	0	0	0	0
61	3	0	0	0	0	0	64	0	0	0	0	0	0	0	0
16	1	0	0	0	0	0	17	0	0	0	0	0	0	0	0
10	0	1	0	0	0	0	11	0	0	0	0	0	0	0	0
10	0	1	0	0	0	0	11	0	0	0	0	0	0	0	0
10	1	0	0	0	0	0	11	0	0	0	0	0	0	0	0
46	2	2	0	0	0	0	50	0	0	0	0	0	0	0	0
4	4	1	0	0	0	0	9	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
12	1	0	0	0	0	0	13	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
31	5	1	0	0	0	0	37	0	0	0	0	0	0	0	0
13	2	0	0	0	0	0	15	0	0	0	0	0	0	0	0
10	2	0	0	0	0	0	12	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	7	0	0	0	0	0	0	0	0
10	2	0	0	0	0	0	12	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
196	22	3	0	0	0	0	221	0	0	0	0	0	0	0	0

Irish Traffic Surveys

Survey Name :	ITS J-347 Malahide
Site:	Site 9
Date:	09.10.2019
Time:	07:00 - 12:00
Location:	53.451484, -6.1538
Classification:	Car, LGV, OGV1, OGV2, Bus, P/C, M/C

	A => A									
TIME	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV
07:00	0	0	0	0	0	0	0	0	12	2
07:15	0	0	0	0	0	0	0	0	25	3
07:30	0	0	0	0	0	0	0	0	20	2
07:45	0	0	0	0	0	0	0	0	17	2
H/TOT	0	0	0	0	0	0	0	0	74	9
08:00	0	0	0	0	0	0	0	0	45	2
08:15	0	0	0	0	0	0	0	0	66	3
08:30	0	0	0	0	0	0	0	0	45	6
08:45	0	0	0	0	0	0	0	0	55	4
H/TOT	0	0	0	0	0	0	0	0	211	15
09:00	0	0	0	0	0	0	0	0	34	1
09:15	0	0	0	0	0	0	0	0	18	3
09:30	0	0	0	0	0	0	0	0	28	3
09:45	0	0	0	0	0	0	0	0	23	3
H/TOT	0	0	0	0	0	0	0	0	103	10
10:00	0	0	0	0	0	0	0	0	42	1
10:15	0	0	0	0	0	0	0	0	26	3
10:30	0	0	0	0	0	0	0	0	34	3
10:45	0	0	0	0	0	0	0	0	29	7
H/TOT	0	0	0	0	0	0	0	0	131	14
11:00	0	0	0	0	0	0	0	0	37	4
11:15	0	0	0	0	0	0	0	0	25	6
11:30	0	0	0	0	0	0	0	0	21	2
11:45	0	0	0	0	0	0	0	0	33	4
H/TOT	0	0	0	0	0	0	0	0	116	16
4 hr TOT	0	0	0	0	0	0	0	0	635	64

A => B						B => A				
OGV1	OGV2	Bus	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus
1	0	0	0	0	15	11	1	0	0	0
2	0	0	0	0	30	6	3	0	0	2
1	0	0	0	1	24	8	1	3	0	1
2	0	0	0	0	21	19	1	1	1	0
6	0	0	0	1	90	44	6	4	1	3
1	0	0	0	0	48	19	0	0	0	1
3	0	0	0	1	73	25	1	2	0	0
0	0	0	0	0	51	29	3	2	0	0
0	0	0	0	1	60	32	1	0	0	1
4	0	0	0	2	232	105	5	4	0	2
1	0	0	0	0	36	35	2	0	0	0
0	0	0	0	0	21	24	4	0	0	0
2	0	0	1	0	34	23	2	0	0	1
1	0	0	0	1	28	25	3	1	0	1
4	0	0	1	1	119	107	11	1	0	2
0	0	0	0	0	43	22	2	0	0	0
1	0	0	0	0	30	34	2	0	0	0
0	0	0	0	0	37	32	5	0	0	0
0	0	0	0	0	36	26	4	1	0	0
1	0	0	0	0	146	114	13	1	0	0
2	0	0	0	0	43	33	3	0	0	1
0	0	0	0	0	31	27	1	3	0	0
1	0	0	0	0	24	15	3	1	0	0
0	0	0	0	0	37	28	4	2	0	0
3	0	0	0	0	135	103	11	6	0	1
18	0	0	1	4	722	473	46	16	1	8

			B => B							
M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	Bus	M/C	P/C	TOT
1	0	13	0	0	0	0	0	0	0	0
0	0	11	0	0	0	0	0	0	0	0
0	0	13	0	0	0	0	0	0	0	0
0	1	23	0	0	0	0	0	0	0	0
1	1	60	0	0	0	0	0	0	0	0
0	0	20	0	0	0	0	0	0	0	0
0	1	29	0	0	0	0	0	0	0	0
0	0	34	0	0	0	0	0	0	0	0
0	0	34	0	0	0	0	0	0	0	0
0	1	117	0	0	0	0	0	0	0	0
0	0	37	0	0	0	0	0	0	0	0
0	1	29	0	0	0	0	0	0	0	0
0	1	27	0	0	0	0	0	0	0	0
0	1	31	0	0	0	0	0	0	0	0
0	3	124	0	0	0	0	0	0	0	0
0	2	26	0	0	0	0	0	0	0	0
0	0	36	0	0	0	0	0	0	0	0
0	0	37	0	0	0	0	0	0	0	0
0	1	32	0	0	0	0	0	0	0	0
0	3	131	0	0	0	0	0	0	0	0
0	1	38	0	0	0	0	0	0	0	0
0	0	31	0	0	0	0	0	0	0	0
0	0	19	0	0	0	0	0	0	0	0
0	0	34	0	0	0	0	0	0	0	0
0	1	122	0	0	0	0	0	0	0	0
1	9	554	0	0	0	0	0	0	0	0

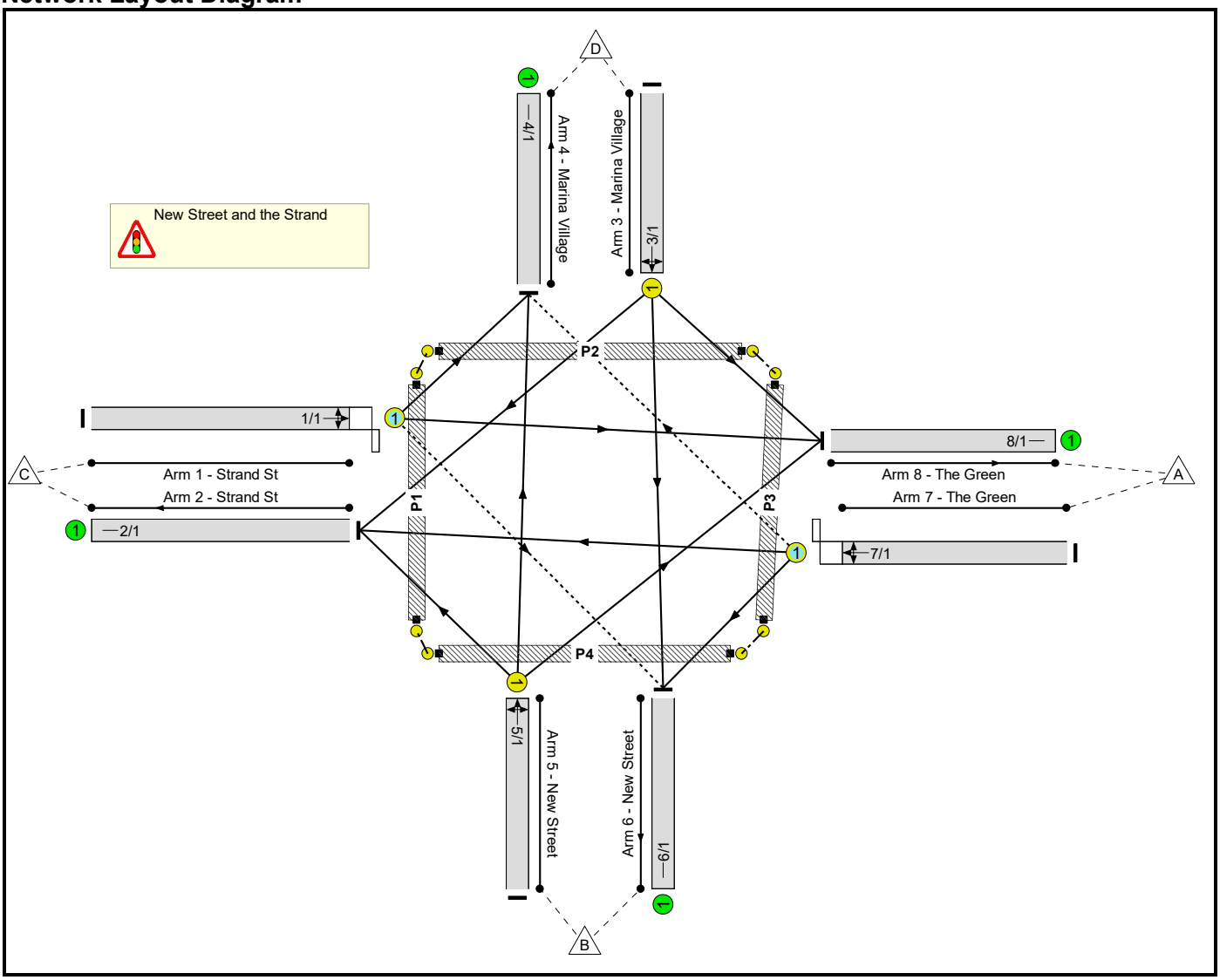
Appendix B Junction 1 - New Street and the Strand - Linsig Analysis

Full Input Data And Results

User and Project Details

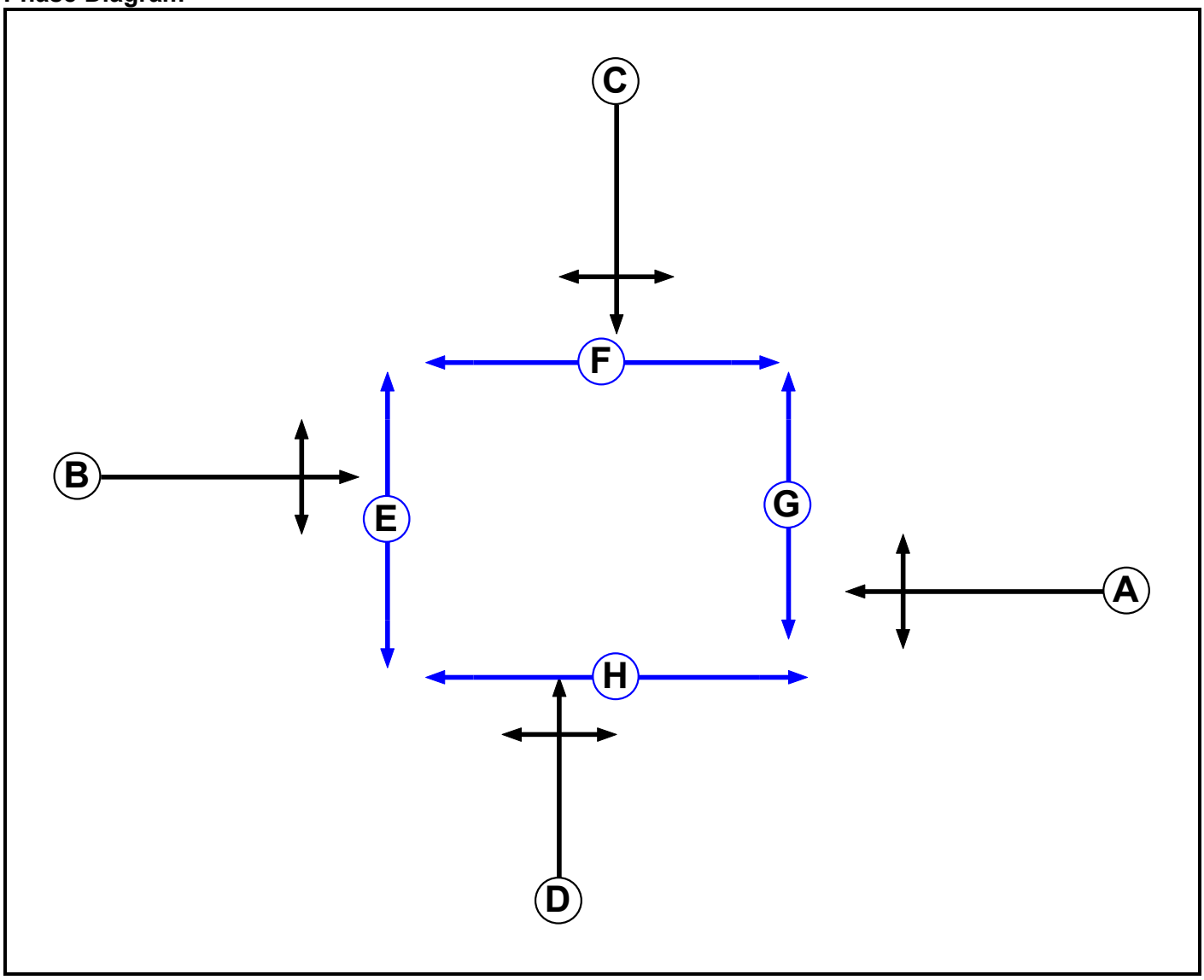
Project:	**Public Realm at New Street, Malahide, Co. Dublin**
Title:	**Public Realm at New Street, Malahide, Co. Dublin**
Location:	
Client:	Fingal County Council
Date Started:	January 2023
Checked By:	D Lehane
Additional detail:	
File name:	222126 New Street - Jn 1_JPM 2023-01-30.lsg3x
Author:	JP Murray
Company:	PUNCH Consulting Engineers
Address:	Carnegie House, Library Road, Dun Laoghaire, Co Dublin, A96 C7W7, Ireland

Network Layout Diagram



Full Input Data And Results

Phase Diagram



Phase Input Data

Phase Name	Phase Type	Assoc. Phase	Street Min	Cont Min
A	Traffic		7	7
B	Traffic		7	7
C	Traffic		7	7
D	Traffic		7	7
E	Pedestrian		7	7
F	Pedestrian		7	7
G	Pedestrian		7	7
H	Pedestrian		7	7

Full Input Data And Results

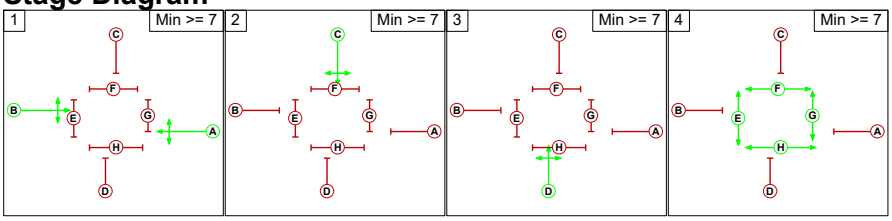
Phase Intergreens Matrix

Terminating Phase	Starting Phase								
		A	B	C	D	E	F	G	H
	A		-	6	5	8	6	6	7
	B	-		5	12	6	7	14	12
	C	6	6		6	6	6	7	8
	D	6	6	6		7	8	6	6
	E	9	9	9	9		-	-	-
	F	13	13	13	13	-		-	-
	G	11	11	11	11	-	-		-
	H	9	9	9	9	-	-	-	

Phases in Stage

Stage No.	Phases in Stage
1	A B
2	C
3	D
4	E F G H

Stage Diagram



Phase Delays

Term. Stage	Start Stage	Phase	Type	Value	Cont value
There are no Phase Delays defined					

Prohibited Stage Change

From Stage	To Stage			
	1	2	3	4
1		6	12	14
2	6		6	8
3	6	6		8
4	13	13	13	

Full Input Data And Results

Give-Way Lane Input Data

Junction: New Street and the Strand											
Lane	**Movement**	**Max Flow when Giving Way (PCU/Hr)**	**Min Flow when Giving Way (PCU/Hr)**	**Opposing Lane**	**Opp. Lane Coeff.**	**Opp. Mvmnts.**	**Right Turn Storage (PCU)**	**Non-Blocking Storage (PCU)**	**RTF**	**Right Turn Move up (s)**	**Max Turns in Intergreen (PCU)**
1/1 (Strand St)	6/1 (Right)	1439	0	7/1	1.09	To 2/1 (Ahead) To 6/1 (Left)	2.00	0.50	0.50	2	2.00
7/1 (The Green)	4/1 (Right)	1439	0	1/1	1.09	To 4/1 (Left) To 8/1 (Ahead)	2.00	0.50	0.50	2	2.00

Full Input Data And Results

Lane Input Data

Junction: New Street and the Strand												
Lane	**Lane Type**	**Phases**	**Start Disp.**	**End Disp.**	**Physical Length (PCU)**	**Sat Flow Type**	**Def User Saturation Flow (PCU/Hr)**	**Lane Width (m)**	**Gradient**	**Nearside Lane**	**Turns**	**Turning Radius (m)**
1/1 (Strand St)	O	B	2	3	10.4	Geom	-	3.50	0.00	Y	Arm 4 Left	8.78
											Arm 6 Right	12.17
											Arm 8 Ahead	Inf
2/1 (Strand St)	U		2	3	60.0	Geom	-	4.00	0.00	Y		
3/1 (Marina Village)	U	C	2	3	12.2	Geom	-	3.15	0.00	Y	Arm 2 Right	13.47
											Arm 6 Ahead	Inf
											Arm 8 Left	8.13
4/1 (Marina Village)	U		2	3	60.0	Geom	-	3.50	0.00	Y		
5/1 (New Street)	U	D	2	3	4.4	Geom	-	2.50	0.00	Y	Arm 2 Left	8.13
											Arm 4 Ahead	Inf
											Arm 8 Right	15.78
6/1 (New Street)	U		2	3	60.0	Geom	-	2.50	0.00	Y		
7/1 (The Green)	O	A	2	3	17.4	Geom	-	5.00	0.00	Y	Arm 2 Ahead	Inf
											Arm 4 Right	12.39
											Arm 6 Left	15.78
8/1 (The Green)	U		2	3	60.0	Geom	-	3.90	0.00	Y		

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
1: '2023 Existing Survey AM'	08:30	09:30	01:00	
2: '2023 Existing Survey PM'	16:30	17:30	01:00	
3: '2019 Estimated AM'	08:30	09:30	01:00	
4: '2019 Estimated PM'	16:30	17:30	01:00	
5: '2020 Existing Survey AM'	08:30	09:30	01:00	
6: '2020 Existing Survey PM'	16:30	17:30	01:00	

Traffic Flows, Desired

Scenario 1: '2023 AM' (FG1: '2023 Existing Survey AM', Plan 1: 'Sequence 1')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	0	39	33	72
	B	12	0	6	16	34
	C	218	3	0	76	297
	D	70	0	45	0	115
	Tot.	300	3	90	125	518

Scenario 2: '2023 PM' (FG2: '2023 Existing Survey PM', Plan 1: 'Sequence 1')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	1	71	52	124
	B	3	0	2	2	7
	C	177	3	0	113	293
	D	99	0	69	0	168
	Tot.	279	4	142	167	592

Scenario 3: '2020 AM' (FG5: '2020 Existing Survey AM', Plan 1: 'Sequence 1')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	2	65	26	93
	B	5	0	1	0	6
	C	165	3	0	56	224
	D	51	0	31	0	82
	Tot.	221	5	97	82	405

Scenario 4: '2020 PM' (FG6: '2020 Existing Survey PM', Plan 1: 'Sequence 1')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	1	59	48	108
	B	1	0	0	1	2
	C	212	2	0	100	314
	D	85	1	40	0	126
	Tot.	298	4	99	149	550

Full Input Data And Results

Scenario 5: '2019 AM' (FG3: '2019 Estimated AM', Plan 1: 'Sequence 1')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	86	37	31	154
	B	50	0	45	54	149
	C	203	89	0	70	362
	D	65	86	42	0	193
	Tot.	318	261	124	155	858

Scenario 6: '2019 PM' (FG4: '2019 Estimated PM', Plan 1: 'Sequence 1')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	70	66	48	184
	B	74	0	73	73	220
	C	165	72	0	105	342
	D	92	69	64	0	225
	Tot.	331	211	203	226	971

Full Input Data And Results

Network Results

Scenario 1: '2023 AM' (FG1: '2023 Existing Survey AM', Plan 1: 'Sequence 1')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	-	-	**N/A**	-	-		-	-	-	-	-	-	**45.9%**
New Street and the Strand	-	-	**N/A**	-	-		-	-	-	-	-	-	**45.9%**
1/1	Strand St Left Right Ahead	O	N/A	N/A	B		1	30	-	297	1880	648	45.9%
2/1	Strand St	U	N/A	N/A	-		-	-	-	90	2015	2015	4.5%
3/1	Marina Village Right Ahead Left	U	N/A	N/A	C		1	13	-	115	1670	260	44.3%
4/1	Marina Village	U	N/A	N/A	-		-	-	-	125	1965	1965	6.4%
5/1	New Street Left Ahead Right	U	N/A	N/A	D		1	7	-	34	1749	155	21.9%
6/1	New Street	U	N/A	N/A	-		-	-	-	3	1865	1865	0.2%
7/1	The Green Ahead Right Left	O	N/A	N/A	A		1	30	-	72	2004	460	15.6%
8/1	The Green	U	N/A	N/A	-		-	-	-	300	2005	2005	15.0%
Ped Link: P1	E	-	N/A	-	E		1	8	-	0	-	0	0.0%
Ped Link: P2	F	-	N/A	-	F		1	7	-	0	-	0	0.0%
Ped Link: P3	G	-	N/A	-	G		1	9	-	0	-	0	0.0%
Ped Link: P4	H	-	N/A	-	H		1	9	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**36**	**0**	**0**	**3.8**	**1.2**	**0.0**	**5.0**	**-**	**-**	**-**	**-**
New Street and the Strand	**-**	**-**	**36**	**0**	**0**	**3.8**	**1.2**	**0.0**	**5.0**	**-**	**-**	**-**	**-**
1/1	297	297	3	0	0	1.9	0.4	0.0	2.3	28.1	5.8	0.4	6.2
2/1	90	90	-	-	-	0.0	0.0	-	0.0	0.9	0.0	0.0	0.0
3/1	115	115	-	-	-	1.1	0.4	-	1.5	46.8	2.6	0.4	3.0
4/1	125	125	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
5/1	34	34	-	-	-	0.4	0.1	-	0.5	52.9	0.8	0.1	0.9
6/1	3	3	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
7/1	72	72	33	0	0	0.4	0.1	0.0	0.5	27.0	1.2	0.1	1.3
8/1	300	300	-	-	-	0.0	0.1	-	0.1	1.1	0.0	0.1	0.1
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1 PRC for Signalled Lanes (%): 96.2 Total Delay for Signalled Lanes (pcuHr): 4.85 Cycle Time (s): 90
PRC Over All Lanes (%): 96.2 Total Delay Over All Lanes(pcuHr): 5.00

Full Input Data And Results

Scenario 2: '2023 PM' (FG2: '2023 Existing Survey PM', Plan 1: 'Sequence 1')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	-	-	**N/A**	-	-		-	-	-	-	-	-	**53.1%**
New Street and the Strand	-	-	**N/A**	-	-		-	-	-	-	-	-	**53.1%**
1/1	Strand St Left Right Ahead	O	N/A	N/A	B		1	26	-	293	1841	552	53.1%
2/1	Strand St	U	N/A	N/A	-		-	-	-	142	2015	2015	7.0%
3/1	Marina Village Right Ahead Left	U	N/A	N/A	C		1	17	-	168	1672	334	50.2%
4/1	Marina Village	U	N/A	N/A	-		-	-	-	167	1965	1965	8.5%
5/1	New Street Left Ahead Right	U	N/A	N/A	D		1	7	-	7	1706	152	4.6%
6/1	New Street	U	N/A	N/A	-		-	-	-	4	1865	1865	0.2%
7/1	The Green Ahead Right Left	O	N/A	N/A	A		1	26	-	124	2011	352	35.2%
8/1	The Green	U	N/A	N/A	-		-	-	-	279	2005	2005	13.9%
Ped Link: P1	E	-	N/A	-	E		1	8	-	0	-	0	0.0%
Ped Link: P2	F	-	N/A	-	F		1	7	-	0	-	0	0.0%
Ped Link: P3	G	-	N/A	-	G		1	9	-	0	-	0	0.0%
Ped Link: P4	H	-	N/A	-	H		1	9	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**54**	**0**	**1**	**4.5**	**1.5**	**0.1**	**6.1**	**-**	**-**	**-**	**-**
New Street and the Strand	**-**	**-**	**54**	**0**	**1**	**4.5**	**1.5**	**0.1**	**6.1**	**-**	**-**	**-**	**-**
1/1	293	293	3	0	0	2.1	0.6	0.0	2.7	33.1	6.0	0.6	6.6
2/1	142	142	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
3/1	168	168	-	-	-	1.5	0.5	-	2.0	42.8	3.7	0.5	4.2
4/1	167	167	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
5/1	7	7	-	-	-	0.1	0.0	-	0.1	50.3	0.2	0.0	0.2
6/1	4	4	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
7/1	124	124	51	0	1	0.8	0.3	0.1	1.2	34.6	2.3	0.3	2.6
8/1	279	279	-	-	-	0.0	0.1	-	0.1	1.0	0.0	0.1	0.1
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1 PRC for Signalled Lanes (%): 69.6 Total Delay for Signalled Lanes (pcuHr): 5.98 Cycle Time (s): 90
PRC Over All Lanes (%): 69.6 Total Delay Over All Lanes(pcuHr): 6.15

Full Input Data And Results

Scenario 3: '2020 AM' (FG5: '2020 Existing Survey AM', Plan 1: 'Sequence 1')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**N/A**	**-**	**-**		**-**	**-**	**-**	**-**	**-**	**-**	**34.0%**
New Street and the Strand	**-**	**-**	**N/A**	**-**	**-**		**-**	**-**	**-**	**-**	**-**	**-**	**34.0%**
1/1	Strand St Left Right Ahead	O	N/A	N/A	B		1	31	-	224	1882	669	33.5%
2/1	Strand St	U	N/A	N/A	-		-	-	-	97	2015	2015	4.8%
3/1	Marina Village Right Ahead Left	U	N/A	N/A	C		1	12	-	82	1668	241	34.0%
4/1	Marina Village	U	N/A	N/A	-		-	-	-	82	1965	1965	4.2%
5/1	New Street Left Ahead Right	U	N/A	N/A	D		1	7	-	6	1680	149	4.0%
6/1	New Street	U	N/A	N/A	-		-	-	-	5	1865	1865	0.3%
7/1	The Green Ahead Right Left	O	N/A	N/A	A		1	31	-	93	2042	584	15.9%
8/1	The Green	U	N/A	N/A	-		-	-	-	221	2005	2005	11.0%
Ped Link: P1	E	-	N/A	-	E		1	8	-	0	-	0	0.0%
Ped Link: P2	F	-	N/A	-	F		1	7	-	0	-	0	0.0%
Ped Link: P3	G	-	N/A	-	G		1	9	-	0	-	0	0.0%
Ped Link: P4	H	-	N/A	-	H		1	9	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**29**	**0**	**0**	**2.7**	**0.7**	**0.0**	**3.4**	**-**	**-**	**-**	**-**
New Street and the Strand	**-**	**-**	**29**	**0**	**0**	**2.7**	**0.7**	**0.0**	**3.4**	**-**	**-**	**-**	**-**
1/1	224	224	3	0	0	1.3	0.3	0.0	1.6	25.3	4.0	0.3	4.3
2/1	97	97	-	-	-	0.0	0.0	-	0.0	0.9	0.0	0.0	0.0
3/1	82	82	-	-	-	0.8	0.3	-	1.0	45.9	1.8	0.3	2.1
4/1	82	82	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
5/1	6	6	-	-	-	0.1	0.0	-	0.1	50.4	0.1	0.0	0.2
6/1	5	5	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
7/1	93	93	26	0	0	0.5	0.1	0.0	0.6	24.3	1.6	0.1	1.6
8/1	221	221	-	-	-	0.0	0.1	-	0.1	1.0	0.0	0.1	0.1
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1 PRC for Signalled Lanes (%): 164.4 Total Delay for Signalled Lanes (pcuHr): 3.33 Cycle Time (s): 90
PRC Over All Lanes (%): 164.4 Total Delay Over All Lanes(pcuHr): 3.44

Full Input Data And Results

Scenario 4: '2020 PM' (FG6: '2020 Existing Survey PM', Plan 1: 'Sequence 1')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**N/A**	**-**	**-**		**-**	**-**	**-**	**-**	**-**	**-**	**49.0%**
New Street and the Strand	**-**	**-**	**N/A**	**-**	**-**		**-**	**-**	**-**	**-**	**-**	**-**	**49.0%**
1/1	Strand St Left Right Ahead	O	N/A	N/A	B		1	30	-	314	1862	641	49.0%
2/1	Strand St	U	N/A	N/A	-		-	-	-	99	2015	2015	4.9%
3/1	Marina Village Right Ahead Left	U	N/A	N/A	C		1	13	-	126	1664	259	48.7%
4/1	Marina Village	U	N/A	N/A	-		-	-	-	149	1965	1965	7.6%
5/1	New Street Left Ahead Right	U	N/A	N/A	D		1	7	-	2	1780	158	1.3%
6/1	New Street	U	N/A	N/A	-		-	-	-	4	1865	1865	0.2%
7/1	The Green Ahead Right Left	O	N/A	N/A	A		1	30	-	108	2005	439	24.6%
8/1	The Green	U	N/A	N/A	-		-	-	-	298	2005	2005	14.9%
Ped Link: P1	E	-	N/A	-	E		1	8	-	0	-	0	0.0%
Ped Link: P2	F	-	N/A	-	F		1	7	-	0	-	0	0.0%
Ped Link: P3	G	-	N/A	-	G		1	9	-	0	-	0	0.0%
Ped Link: P4	H	-	N/A	-	H		1	9	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**49**	**0**	**1**	**3.9**	**1.3**	**0.1**	**5.2**	**-**	**-**	**-**	**-**
New Street and the Strand	**-**	**-**	**49**	**0**	**1**	**3.9**	**1.3**	**0.1**	**5.2**	**-**	**-**	**-**	**-**
1/1	314	314	2	0	0	2.0	0.5	0.0	2.5	28.7	6.1	0.5	6.6
2/1	99	99	-	-	-	0.0	0.0	-	0.0	0.9	0.0	0.0	0.0
3/1	126	126	-	-	-	1.2	0.5	-	1.7	48.2	2.9	0.5	3.3
4/1	149	149	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
5/1	2	2	-	-	-	0.0	0.0	-	0.0	49.3	0.0	0.0	0.1
6/1	4	4	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
7/1	108	108	47	0	1	0.6	0.2	0.1	0.9	29.0	1.9	0.2	2.0
8/1	298	298	-	-	-	0.0	0.1	-	0.1	1.1	0.0	0.1	0.1
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1 PRC for Signalled Lanes (%): 83.8 Total Delay for Signalled Lanes (pcuHr): 5.09 Cycle Time (s): 90
PRC Over All Lanes (%): 83.8 Total Delay Over All Lanes(pcuHr): 5.24

Full Input Data And Results

Scenario 5: '2019 AM' (FG3: '2019 Estimated AM', Plan 1: 'Sequence 1')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	-	-	**N/A**	-	-		-	-	-	-	-	-	**69.3%**
New Street and the Strand	-	-	**N/A**	-	-		-	-	-	-	-	-	**69.3%**
1/1	Strand St Left Right Ahead	O	N/A	N/A	B		1	25	-	362	1848	523	69.3%
2/1	Strand St	U	N/A	N/A	-		-	-	-	124	2015	2015	6.2%
3/1	Marina Village Right Ahead Left	U	N/A	N/A	C		1	14	-	193	1777	296	65.2%
4/1	Marina Village	U	N/A	N/A	-		-	-	-	155	1965	1965	7.9%
5/1	New Street Left Ahead Right	U	N/A	N/A	D		1	11	-	149	1715	229	65.2%
6/1	New Street	U	N/A	N/A	-		-	-	-	261	1865	1865	14.0%
7/1	The Green Ahead Right Left	O	N/A	N/A	A		1	25	-	154	1963	386	39.9%
8/1	The Green	U	N/A	N/A	-		-	-	-	318	2005	2005	15.9%
Ped Link: P1	E	-	N/A	-	E		1	8	-	0	-	0	0.0%
Ped Link: P2	F	-	N/A	-	F		1	7	-	0	-	0	0.0%
Ped Link: P3	G	-	N/A	-	G		1	9	-	0	-	0	0.0%
Ped Link: P4	H	-	N/A	-	H		1	9	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**119**	**0**	**1**	**7.4**	**3.5**	**0.1**	**10.9**	**-**	**-**	**-**	**-**
New Street and the Strand	**-**	**-**	**119**	**0**	**1**	**7.4**	**3.5**	**0.1**	**10.9**	**-**	**-**	**-**	**-**
1/1	362	362	88	0	1	2.9	1.1	0.0	4.0	40.2	8.0	1.1	9.2
2/1	124	124	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
3/1	193	193	-	-	-	1.9	0.9	-	2.8	52.2	4.5	0.9	5.4
4/1	155	155	-	-	-	0.0	0.0	-	0.0	1.0	0.0	0.0	0.0
5/1	149	149	-	-	-	1.5	0.9	-	2.4	59.1	3.5	0.9	4.4
6/1	261	261	-	-	-	0.0	0.1	-	0.1	1.1	0.0	0.1	0.1
7/1	154	154	31	0	0	1.1	0.3	0.0	1.4	32.9	3.0	0.3	3.3
8/1	318	318	-	-	-	0.0	0.1	-	0.1	1.1	0.0	0.1	0.1
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1

PRC for Signalled Lanes (%): 29.9
PRC Over All Lanes (%): 29.9

Total Delay for Signalled Lanes (pcuHr): 10.70
Total Delay Over All Lanes(pcuHr): 10.95

Cycle Time (s): 90

Full Input Data And Results

Scenario 6: '2019 PM' (FG4: '2019 Estimated PM', Plan 1: 'Sequence 1')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**N/A**	**-**	**-**		**-**	**-**	**-**	**-**	**-**	**-**	**77.5%**
New Street and the Strand	**-**	**-**	**N/A**	**-**	**-**		**-**	**-**	**-**	**-**	**-**	**-**	**77.5%**
1/1	Strand St Left Right Ahead	O	N/A	N/A	B		1	22	-	342	1822	466	73.5%
2/1	Strand St	U	N/A	N/A	-		-	-	-	203	2015	2015	10.1%
3/1	Marina Village Right Ahead Left	U	N/A	N/A	C		1	14	-	225	1743	290	77.5%
4/1	Marina Village	U	N/A	N/A	-		-	-	-	226	1965	1965	11.5%
5/1	New Street Left Ahead Right	U	N/A	N/A	D		1	14	-	220	1706	284	77.4%
6/1	New Street	U	N/A	N/A	-		-	-	-	211	1865	1865	11.3%
7/1	The Green Ahead Right Left	O	N/A	N/A	A		1	22	-	184	1981	247	74.5%
8/1	The Green	U	N/A	N/A	-		-	-	-	331	2005	2005	16.5%
Ped Link: P1	E	-	N/A	-	E		1	8	-	0	-	0	0.0%
Ped Link: P2	F	-	N/A	-	F		1	7	-	0	-	0	0.0%
Ped Link: P3	G	-	N/A	-	G		1	9	-	0	-	0	0.0%
Ped Link: P4	H	-	N/A	-	H		1	9	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**119**	**0**	**1**	**8.8**	**6.3**	**0.1**	**15.2**	**-**	**-**	**-**	**-**
New Street and the Strand	**-**	**-**	**119**	**0**	**1**	**8.8**	**6.3**	**0.1**	**15.2**	**-**	**-**	**-**	**-**
1/1	342	342	71	0	1	2.9	1.4	0.0	4.3	45.3	7.8	1.4	9.1
2/1	203	203	-	-	-	0.0	0.1	-	0.1	1.0	0.0	0.1	0.1
3/1	225	225	-	-	-	2.2	1.6	-	3.9	62.1	5.4	1.6	7.0
4/1	226	226	-	-	-	0.0	0.1	-	0.1	1.0	0.0	0.1	0.1
5/1	220	220	-	-	-	2.2	1.6	-	3.8	62.5	5.3	1.6	6.9
6/1	211	211	-	-	-	0.0	0.1	-	0.1	1.1	0.0	0.1	0.1
7/1	184	184	47	0	1	1.4	1.4	0.1	2.9	56.5	3.8	1.4	5.2
8/1	331	331	-	-	-	0.0	0.1	-	0.1	1.1	0.0	0.1	0.1
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1 PRC for Signalled Lanes (%): 16.2 Total Delay for Signalled Lanes (pcuHr): 14.89 Cycle Time (s): 90
PRC Over All Lanes (%): 16.2 Total Delay Over All Lanes(pcuHr): 15.17

Appendix C Junction 2 - Old Street and the Strand Junctions 9 Analysis

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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Filename: Junction 2 - Strand Street.Old Street.Gasyard Lane.j9
Path: \\w2k19-dl-fs01\users\CAD\DWGS\222\101-150\222126\3.0 Calculations\1. Civils\222126-PUNCH-XX-XX-CA-C-0008_Traffic\Junctions 9
Report generation date: 27/01/2023 11:24:57

»2023 Survey Year, AM
»2023 Survey Year, PM
»2020 Survey Year, AM
»2020 Survey Year, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	2023 Survey Year							
Stream B-ACD	0.2	8.83	0.20	A	0.6	12.00	0.37	B
Stream A-BCD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream D-ABC	1.3	17.51	0.56	C	0.6	12.58	0.36	B
Stream C-ABD	0.2	6.73	0.13	A	0.4	7.67	0.26	A
	2020 Survey Year							
Stream B-ACD	0.3	9.70	0.26	A	0.5	11.32	0.35	B
Stream A-BCD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream D-ABC	0.4	10.86	0.29	B	0.9	14.93	0.47	B
Stream C-ABD	0.2	7.30	0.18	A	0.3	7.32	0.21	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	
Location	
Site number	
Date	23/01/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	MPPNET\RLee
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units
m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15
D2	2023 Survey Year	PM	ONE HOUR	16:45	18:15	15
D3	2020 Survey Year	AM	ONE HOUR	08:15	09:45	15
D4	2020 Survey Year	PM	ONE HOUR	16:45	18:15	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2023 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Strand Street/Old Street/Gasyard Lan	Crossroads	Two-way		12.18	B

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	Gasyard Lane		Major
B	Strand Street		Minor
C	Old Street		Major
D	Strand Street		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
A - Gasyard Lane	6.00			80.0	✓	0.00
C - Old Street	6.00			0.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - Strand Street	One lane	4.00	25	15
D - Strand Street	One lane	3.00	20	12

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
1	A-D	620	-	-	-	-	-	-	0.240	0.343	0.240	-	-	-
1	B-A	542	0.099	0.250	0.250	-	-	-	0.157	0.357	-	0.250	0.250	0.125
1	B-C	697	0.107	0.270	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	542	0.099	0.250	0.250	-	-	-	0.157	0.357	0.157	-	-	-
1	B-D, offside lane	542	0.099	0.250	0.250	-	-	-	0.157	0.357	0.157	-	-	-
1	C-B	574	0.222	0.222	0.318	-	-	-	-	-	-	-	-	-
1	D-A	631	-	-	-	-	-	-	0.245	-	0.097	-	-	-
1	D-B, nearside lane	490	0.142	0.142	0.322	-	-	-	0.226	0.226	0.089	-	-	-

1	D-B, offside lane	490	0.142	0.142	0.322	-	-	-	0.226	0.226	0.089	-	-	-
1	D-C	490	-	0.142	0.322	0.113	0.226	0.226	0.226	0.226	0.089	-	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.
Streams may be combined, in which case capacity will be adjusted.
Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Gasyard Lane		✓	4	100.000
B - Strand Street		✓	90	100.000
C - Old Street		✓	119	100.000
D - Strand Street		✓	239	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A - Gasyard Lane	B - Strand Street	C - Old Street	D - Strand Street
From	A - Gasyard Lane	0	2	0	2
	B - Strand Street	1	0	0	89
	C - Old Street	0	65	0	54
	D - Strand Street	0	239	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A - Gasyard Lane	B - Strand Street	C - Old Street	D - Strand Street
From	A - Gasyard Lane	0	0	0	0
	B - Strand Street	0	0	0	0
	C - Old Street	0	0	0	0
	D - Strand Street	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-ACD	0.20	8.83	0.2	A
A-BCD	0.00	0.00	0.0	A
A-B				
A-C				
D-ABC	0.56	17.51	1.3	C
C-ABD	0.13	6.73	0.2	A
C-D				
C-A				

Main Results for each time segment

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	68	518	0.131	67	0.1	7.972	A
A-BCD	0	594	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	180	475	0.379	178	0.6	11.997	B
C-ABD	52	602	0.087	52	0.1	6.546	A
C-D	37			37			
C-A	0			0			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	81	513	0.158	81	0.2	8.321	A
A-BCD	0	588	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	215	472	0.455	214	0.8	13.881	B
C-ABD	64	607	0.105	63	0.1	6.622	A
C-D	43			43			
C-A	0			0			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	99	507	0.196	99	0.2	8.823	A
A-BCD	0	581	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	263	468	0.562	261	1.2	17.244	C
C-ABD	79	614	0.129	79	0.2	6.725	A
C-D	52			52			
C-A	0			0			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	99	507	0.196	99	0.2	8.833	A
A-BCD	0	581	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	263	468	0.562	263	1.3	17.505	C
C-ABD	79	615	0.129	79	0.2	6.727	A
C-D	52			52			
C-A	0			0			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	81	513	0.158	81	0.2	8.336	A
A-BCD	0	588	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	215	472	0.455	216	0.9	14.154	B
C-ABD	64	607	0.105	64	0.1	6.629	A
C-D	43			43			

C-A	0			0			

09:30 - 09:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	68	518	0.131	68	0.2	8.003	A
A-BCD	0	594	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	180	475	0.379	181	0.6	12.271	B
C-ABD	53	602	0.087	53	0.1	6.560	A
C-D	37			37			
C-A	0			0			

2023 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Strand Street/Old Street/Gasyard Lan	Crossroads	Two-way		9.42	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2023 Survey Year	PM	ONE HOUR	16:45	18:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Gasyard Lane		✓	0	100.000
B - Strand Street		✓	160	100.000
C - Old Street		✓	215	100.000
D - Strand Street		✓	148	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A - Gasyard Lane	B - Strand Street	C - Old Street	D - Strand Street
From	A - Gasyard Lane	0	0	0	0
	B - Strand Street	1	0	0	159
	C - Old Street	0	130	0	85
	D - Strand Street	0	148	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A - Gasyard Lane	B - Strand Street	C - Old Street	D - Strand Street
	A - Gasyard Lane	0	0	0	0

From	B - Strand Street	0	0	0	0
	C - Old Street	0	0	0	0
	D - Strand Street	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-ACD	0.37	12.00	0.6	B
A-BCD	0.00	0.00	0.0	A
A-B				
A-C				
D-ABC	0.36	12.58	0.6	B
C-ABD	0.26	7.67	0.4	A
C-D				
C-A				

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	120	497	0.242	119	0.3	9.489	A
A-BCD	0	571	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	111	462	0.241	110	0.3	10.191	B
C-ABD	109	618	0.177	108	0.2	7.058	A
C-D	53			53			
C-A	0			0			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	144	488	0.295	143	0.4	10.428	B
A-BCD	0	561	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	133	457	0.291	133	0.4	11.104	B
C-ABD	133	626	0.213	133	0.3	7.300	A
C-D	60			60			
C-A	0			0			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	176	476	0.370	176	0.6	11.949	B
A-BCD	0	548	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	163	449	0.363	162	0.6	12.524	B
C-ABD	168	638	0.263	168	0.4	7.654	A
C-D	69			69			
C-A	0			0			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	176	476	0.370	176	0.6	12.004	B
A-BCD	0	548	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	163	449	0.363	163	0.6	12.580	B
C-ABD	168	638	0.263	168	0.4	7.665	A
C-D	69			69			
C-A	0			0			

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	144	488	0.295	144	0.4	10.497	B
A-BCD	0	561	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	133	457	0.291	134	0.4	11.169	B
C-ABD	133	626	0.213	134	0.3	7.318	A
C-D	60			60			
C-A	0			0			

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	120	497	0.242	121	0.3	9.582	A
A-BCD	0	571	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	111	462	0.241	112	0.3	10.292	B
C-ABD	109	618	0.177	110	0.2	7.090	A
C-D	53			53			
C-A	0			0			

2020 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Strand Street/Old Street/Gasyard Lan	Crossroads	Two-way		8.55	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2020 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Gasyard Lane		✓	2	100.000
B - Strand Street		✓	116	100.000
C - Old Street		✓	133	100.000
D - Strand Street		✓	120	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A - Gasyard Lane	B - Strand Street	C - Old Street	D - Strand Street
From	A - Gasyard Lane	0	0	0	2
	B - Strand Street	0	0	0	116
	C - Old Street	2	93	0	38
	D - Strand Street	1	119	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A - Gasyard Lane	B - Strand Street	C - Old Street	D - Strand Street
	A - Gasyard Lane	0	0	0	0

From	B - Strand Street	0	0	0	0
	C - Old Street	0	0	0	0
	D - Strand Street	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-ACD	0.26	9.70	0.3	A
A-BCD	0.00	0.00	0.0	A
A-B				
A-C				
D-ABC	0.29	10.86	0.4	B
C-ABD	0.18	7.30	0.2	A
C-D				
C-A				

Main Results for each time segment

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	87	513	0.170	87	0.2	8.430	A
A-BCD	0	589	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	90	472	0.191	89	0.2	9.380	A
C-ABD	74	594	0.124	73	0.1	6.899	A
C-D	25			25			
C-A	1			1			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	104	507	0.206	104	0.3	8.935	A
A-BCD	0	583	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	108	469	0.230	108	0.3	9.966	A
C-ABD	89	598	0.149	89	0.2	7.062	A
C-D	29			29			
C-A	2			2			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	128	499	0.256	127	0.3	9.685	A
A-BCD	0	574	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	132	464	0.285	132	0.4	10.836	B
C-ABD	111	604	0.183	110	0.2	7.291	A
C-D	34			34			
C-A	2			2			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	128	499	0.256	128	0.3	9.704	A
A-BCD	0	574	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	132	463	0.285	132	0.4	10.863	B
C-ABD	111	604	0.183	111	0.2	7.295	A
C-D	34			34			
C-A	2			2			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	104	507	0.206	105	0.3	8.962	A
A-BCD	0	583	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	108	468	0.230	108	0.3	10.005	B
C-ABD	89	599	0.149	89	0.2	7.074	A
C-D	29			29			
C-A	2			2			

09:30 - 09:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	87	512	0.170	88	0.2	8.477	A
A-BCD	0	589	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	90	472	0.191	91	0.2	9.443	A
C-ABD	74	595	0.124	74	0.2	6.920	A
C-D	25			25			
C-A	1			1			

2020 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Strand Street/Old Street/Gasyard Lan	Crossroads	Two-way		10.52	B

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2020 Survey Year	PM	ONE HOUR	16:45	18:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Gasyard Lane		✓	0	100.000
B - Strand Street		✓	155	100.000
C - Old Street		✓	177	100.000
D - Strand Street		✓	195	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A - Gasyard Lane	B - Strand Street	C - Old Street	D - Strand Street
From	A - Gasyard Lane	0	0	0	0
	B - Strand Street	1	0	1	153
	C - Old Street	5	107	0	65
	D - Strand Street	0	195	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A - Gasyard Lane	B - Strand Street	C - Old Street	D - Strand Street
	A - Gasyard Lane	0	0	0	0

From	B - Strand Street	0	0	0	0
	C - Old Street	0	0	0	0
	D - Strand Street	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-ACD	0.35	11.32	0.5	B
A-BCD	0.00	0.00	0.0	A
A-B				
A-C				
D-ABC	0.47	14.93	0.9	B
C-ABD	0.21	7.32	0.3	A
C-D				
C-A				

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	117	506	0.231	116	0.3	9.189	A
A-BCD	0	580	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	147	467	0.315	145	0.5	11.132	B
C-ABD	88	610	0.145	87	0.2	6.883	A
C-D	42			42			
C-A	3			3			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	139	499	0.279	139	0.4	9.998	A
A-BCD	0	572	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	175	462	0.380	175	0.6	12.507	B
C-ABD	107	617	0.174	107	0.2	7.059	A
C-D	48			48			
C-A	4			4			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	171	489	0.349	170	0.5	11.278	B
A-BCD	0	561	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	215	456	0.471	214	0.9	14.807	B
C-ABD	134	627	0.215	134	0.3	7.312	A
C-D	56			56			
C-A	4			4			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	171	489	0.349	171	0.5	11.321	B
A-BCD	0	561	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	215	456	0.471	215	0.9	14.933	B
C-ABD	134	627	0.215	134	0.3	7.321	A
C-D	56			56			
C-A	4			4			

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	139	499	0.280	140	0.4	10.055	B
A-BCD	0	572	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	175	462	0.380	176	0.6	12.653	B
C-ABD	107	617	0.174	108	0.2	7.072	A
C-D	48			48			
C-A	4			4			

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	117	506	0.231	117	0.3	9.270	A
A-BCD	0	580	0.000	0	0.0	0.000	A
A-B	0			0			
A-C	0			0			
D-ABC	147	466	0.315	147	0.5	11.310	B
C-ABD	88	610	0.145	88	0.2	6.906	A
C-D	42			42			
C-A	3			3			

Appendix D Junction 3 - Townyard Lane and the Strand Junctions 9 Analysis

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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+44 (0)1344 379777 software@trl.co.uk www.trlsoftware.co.uk

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Filename: Junction 3 - Townyard Lane.The Green.j9
Path: \\w2k19-dl-fs01\users\CAD\DWGS\222\101-150\222126\3.0 Calculations\1. Civils\222126-PUNCH-XX-XX-CA-C-0008_Traffic\Junctions 9
Report generation date: 27/01/2023 11:23:26

»2023 Survey Year, AM
»2023 Survey Year, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	2023 Survey Year							
Stream B-AC	0.7	11.84	0.40	B	0.9	14.02	0.47	B
Stream C-AB	0.0	0.00	0.00	A	0.0	0.00	0.00	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	
Location	
Site number	
Date	17/01/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	MPPNET\RLee
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units
m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	10:15	11:45	15
D2	2023 Survey Year	PM	ONE HOUR	16:30	18:00	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2023 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Townyard Lane/The Green	T-Junction	Two-way		5.07	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	The Green		Major
B	Townyard Lane		Minor
C	The Green		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - The Green	6.00			0.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - Townyard Lane	One lane	3.20	40	20

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	510	0.093	0.235	0.148	0.336
1	B-C	649	0.100	0.252	-	-
1	C-B	574	0.222	0.222	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	10:15	11:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - The Green		✓	246	100.000
B - Townyard Lane		✓	184	100.000
C - The Green		✓	0	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - The Green	B - Townyard Lane	C - The Green
From	A - The Green	0	0	246
	B - Townyard Lane	90	0	94
	C - The Green	0	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - The Green	B - Townyard Lane	C - The Green
From	A - The Green	0	0	0
	B - Townyard Lane	0	0	0
	C - The Green	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.40	11.84	0.7	B
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

10:15 - 10:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	139	528	0.263	137	0.4	9.187	A
C-AB	0	533	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	185			185			

10:30 - 10:45

Stream	Total Demand	Capacity	RFC	Throughput	End queue	Delay (s)	Unsignalised

	(PCU/hr)	(PCU/hr)		(PCU/hr)	(PCU)		level of service
B-AC	165	519	0.319	165	0.5	10.161	B
C-AB	0	525	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	221			221			

10:45 - 11:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	203	507	0.400	202	0.7	11.781	B
C-AB	0	514	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	271			271			

11:00 - 11:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	203	507	0.400	203	0.7	11.839	B
C-AB	0	514	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	271			271			

11:15 - 11:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	165	519	0.319	166	0.5	10.229	B
C-AB	0	525	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	221			221			

11:30 - 11:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	139	528	0.263	139	0.4	9.276	A
C-AB	0	533	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	185			185			

2023 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Townyard Lane/The Green	T-Junction	Two-way		5.99	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2023 Survey Year	PM	ONE HOUR	16:30	18:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - The Green		✓	278	100.000
B - Townyard Lane		✓	207	100.000
C - The Green		✓	1	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - The Green	B - Townyard Lane	C - The Green
From	A - The Green	0	0	278
	B - Townyard Lane	123	0	84
	C - The Green	1	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - The Green	B - Townyard Lane	C - The Green
From	A - The Green	0	0	0
	B - Townyard Lane	0	0	0
	C - The Green	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.47	14.02	0.9	B
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	156	508	0.307	154	0.4	10.124	B
C-AB	0	527	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	209			209			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	186	498	0.374	185	0.6	11.492	B
C-AB	0	518	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	250			250			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	228	484	0.470	227	0.9	13.910	B
C-AB	0	506	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	306			306			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	228	484	0.470	228	0.9	14.025	B
C-AB	0	506	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	306			306			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	186	498	0.374	187	0.6	11.617	B
C-AB	0	518	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	250			250			

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	156	508	0.307	156	0.4	10.259	B
C-AB	0	527	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	0			0			
A-C	209			209			

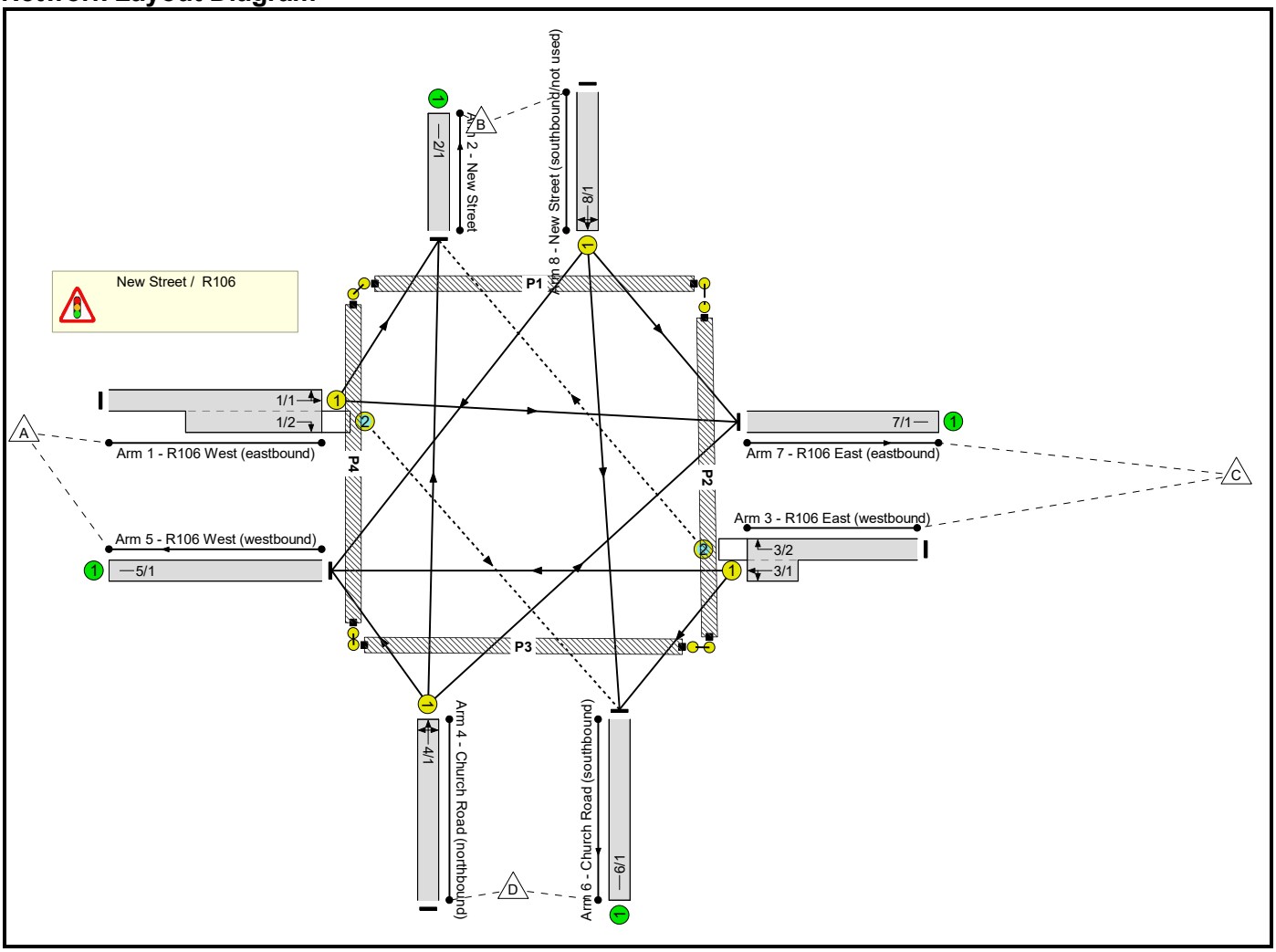
Appendix E Junction 4 - New Street and the R106 - Linsig Analysis

Full Input Data And Results

User and Project Details

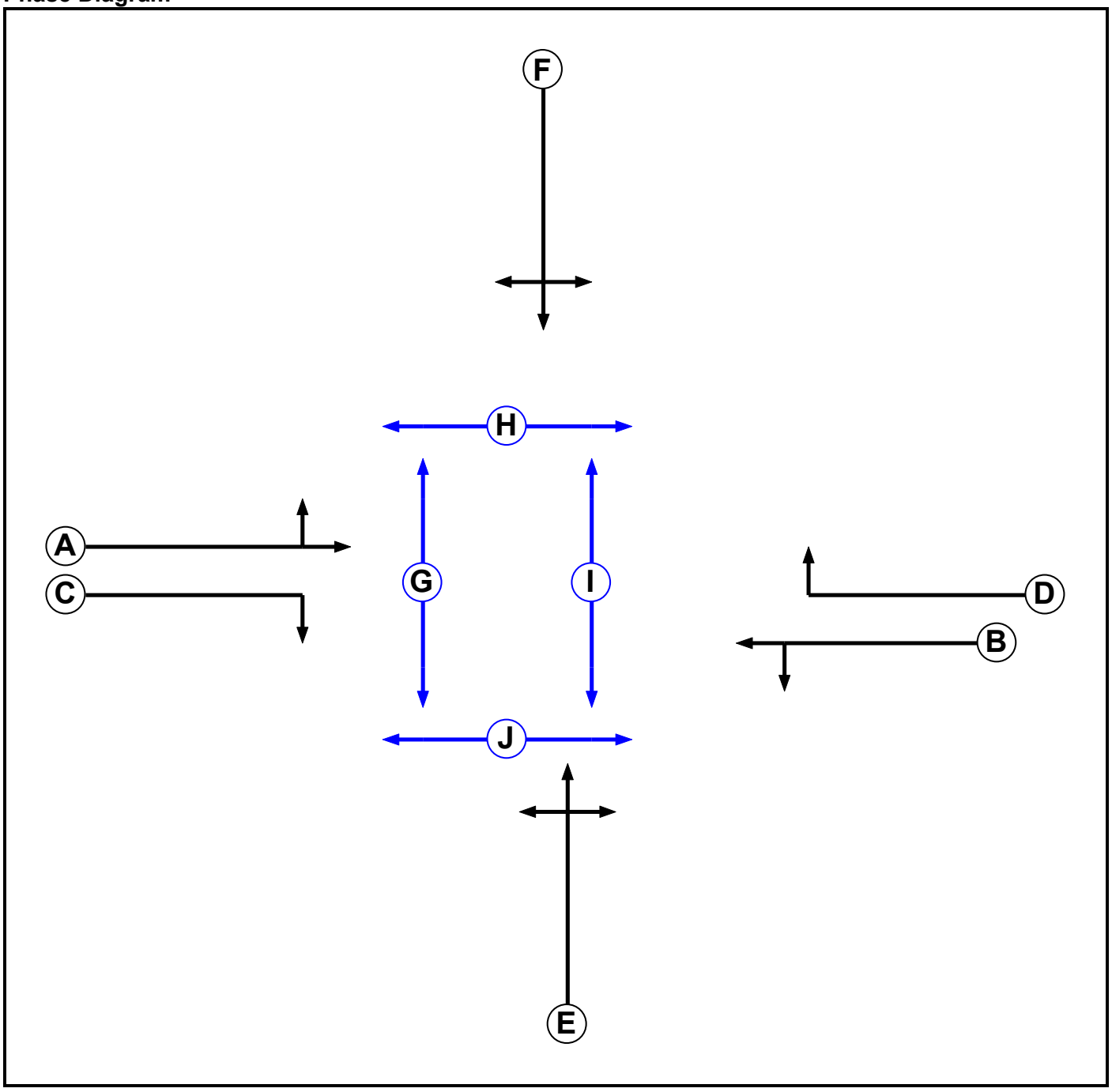
Project:	**Public Realm at New Street, Malahide, Co. Dublin**
Title:	**Public Realm at New Street, Malahide, Co. Dublin**
Location:	
Client:	Fingal County Council
Date Started:	January 2023
Checked By:	D Lehane
Additional detail:	
File name:	222126 New Street - Jn 4_JPM 2023-01-27.lsg3x
Author:	JP Murray
Company:	PUNCH Consulting Engineers
Address:	Carnegie House, Library Road, Dun Laoghaire, Co Dublin, A96 C7W7, Ireland

Network Layout Diagram



Full Input Data And Results

Phase Diagram



Full Input Data And Results

Phase Input Data

Phase Name	Phase Type	Assoc. Phase	Street Min	Cont Min
A	Traffic		7	7
B	Traffic		7	7
C	Traffic		7	7
D	Traffic		7	7
E	Traffic		7	7
F	Traffic		7	7
G	Pedestrian		7	7
H	Pedestrian		7	7
I	Pedestrian		7	7
J	Pedestrian		7	7

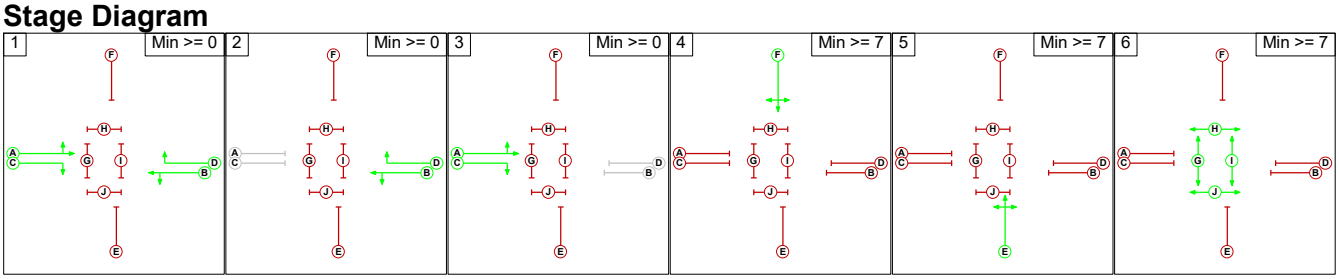
Phase Intergreens Matrix

Terminating Phase \ Starting Phase	A	B	C	D	E	F	G	H	I	J
A		-	-	-	5	6	5	7	8	-
B	-		-	-	6	5	8	-	5	7
C	-	-		-	5	5	5	-	-	8
D	-	-	-		5	5	-	7	5	-
E	6	5	5	6		6	7	8	8	5
F	5	5	6	5	6		8	5	7	8
G	12	12	12	-	12	12		-	-	-
H	12	-	-	12	12	12	-		-	-
I	12	12	-	12	12	12	-	-		-
J	-	11	11	-	11	11	-	-	-	

Phases in Stage

Stage No.	Phases in Stage
1	A B C D
2	B D
3	A C
4	F
5	E
6	G H I J

Stage Diagram



Full Input Data And Results

Phase Delays

Term. Stage	Start Stage	Phase	Type	Value	Cont value
There are no Phase Delays defined					

Prohibited Stage Change

		To Stage					
		1	2	3	4	5	6
From Stage	1		0	0	6	6	8
	2	2		2	5	6	8
	3	2	2		6	5	8
	4	6	5	6		6	8
	5	6	6	6	6		8
	6	12	12	12	12	12	

Full Input Data And Results

Give-Way Lane Input Data

Junction: New Street / R106											
Lane	**Movement**	**Max Flow when Giving Way (PCU/Hr)**	**Min Flow when Giving Way (PCU/Hr)**	**Opposing Lane**	**Opp. Lane Coeff.**	**Opp. Mvmnts.**	**Right Turn Storage (PCU)**	**Non-Blocking Storage (PCU)**	**RTF**	**Right Turn Move up (s)**	**Max Turns in Intergreen (PCU)**
1/2 (R106 West (eastbound))	6/1 (Right)	1439	0	3/1	1.09	All	2.00	-	0.50	2	2.00
3/2 (R106 East (westbound))	2/1 (Right)	1439	0	1/1	1.09	All	2.00	-	0.50	2	2.00

Full Input Data And Results

Lane Input Data

Junction: New Street / R106

Lane	Lane Type	Phases	Start Disp.	End Disp.	Physical Length (PCU)	Sat Flow Type	Def User Saturation Flow (PCU/Hr)	Lane Width (m)	Gradient	Nearside Lane	Turns	Turning Radius (m)
1/1 (R106 West (eastbound))	U	A	2	3	60.0	Geom	-	2.65	0.00	Y	Arm 2 Left	10.68
											Arm 7 Ahead	Inf
1/2 (R106 West (eastbound))	O	C	2	3	9.6	Geom	-	2.74	0.00	N	Arm 6 Right	18.47
2/1 (New Street)	U		2	3	60.0	Inf	-	-	-	-	-	-
3/1 (R106 East (westbound))	U	B	2	3	3.6	Geom	-	2.60	0.00	Y	Arm 5 Ahead	Inf
											Arm 6 Left	10.65
3/2 (R106 East (westbound))	O	D	2	3	3.5	Geom	-	2.60	0.00	N	Arm 2 Right	13.49
4/1 (Church Road (northbound))	U	E	2	3	60.0	Geom	-	2.40	0.00	Y	Arm 2 Ahead	Inf
											Arm 5 Left	17.37
											Arm 7 Right	17.13
5/1 (R106 West (westbound))	U		2	3	60.0	Inf	-	-	-	-	-	-
6/1 (Church Road (southbound))	U		2	3	60.0	Inf	-	-	-	-	-	-
7/1 (R106 East (eastbound))	U		2	3	60.0	Inf	-	-	-	-	-	-
8/1 (New Street (southbound/not used))	U	F	2	3	60.0	Geom	-	3.50	0.00	Y	Arm 5 Right	15.97
											Arm 6 Ahead	Inf
											Arm 7 Left	13.49

Traffic Flow Groups

Flow Group	Start Time	End Time	Duration	Formula
1: '2023 Survey Year AM'	08:30	09:30	01:00	
2: '2023 Survey Year PM'	15:45	16:45	01:00	
3: '2019 Survey Year AM'	08:30	09:30	01:00	
4: '2019 Survey Year PM'	18:00	19:00	01:00	
5: '2020 Survey Year AM'	08:30	09:30	01:00	
6: '2020 Survey Year PM'	15:45	16:45	01:00	

Traffic Flows, Desired

Scenario 1: '2023 Existing Survey AM' (FG1: '2023 Survey Year AM', Plan 2: 'Network Control Plan 2 (2023)')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	7	261	138	406
	B	0	0	0	0	0
	C	389	7	0	124	520
	D	162	27	93	0	282
	Tot.	551	41	354	262	1208

Scenario 2: '2023 Existing Survey PM' (FG2: '2023 Survey Year PM', Plan 2: 'Network Control Plan 2 (2023)')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	0	280	107	387
	B	0	0	0	0	0
	C	353	0	0	84	437
	D	172	0	78	0	250
	Tot.	525	0	358	191	1074

Scenario 3: '2020 Existing Survey AM' (FG5: '2020 Survey Year AM', Plan 2: 'Network Control Plan 2 (2023)')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	1	316	50	367
	B	0	0	0	0	0
	C	382	0	0	63	445
	D	117	0	58	0	175
	Tot.	499	1	374	113	987

Scenario 4: '2020 Existing Survey PM' (FG6: '2020 Survey Year PM', Plan 2: 'Network Control Plan 2 (2023)')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	2	338	58	398
	B	0	0	1	1	2
	C	382	0	0	82	464
	D	106	0	101	0	207
	Tot.	488	2	440	141	1071

Full Input Data And Results

Scenario 5: '2019 Existing Survey AM' (FG3: '2019 Survey Year AM', Plan 1: 'Network Control Plan 1 (2019)')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	28	287	110	425
	B	97	0	15	150	262
	C	338	15	0	75	428
	D	86	75	104	0	265
	Tot.	521	118	406	335	1380

Scenario 6: '2019 Existing Survey PM' (FG4: '2019 Survey Year PM', Plan 1: 'Network Control Plan 1 (2019)')
Desired Flow :

		Destination				
		A	B	C	D	Tot.
Origin	A	0	77	261	78	416
	B	81	0	43	85	209
	C	277	70	0	44	391
	D	89	70	66	0	225
	Tot.	447	217	370	207	1241

Full Input Data And Results

Network Results

Scenario 1: '2023 Existing Survey AM' (FG1: '2023 Survey Year AM', Plan 2: 'Network Control Plan 2 (2023)')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	-	-	**N/A**	-	-		-	-	-	-	-	-	**79.6%**
New Street / R106	-	-	**N/A**	-	-		-	-	-	-	-	-	**79.6%**
1/1+1/2	R106 West (eastbound) Left Right Ahead	U+O	N/A	N/A	A C		2	38	-	406	1873:1877	707+311	37.9 : 44.4%
2/1	New Street	U	N/A	N/A	-		-	-	-	41	Inf	Inf	0.0%
3/2+3/1	R106 East (westbound) Right Ahead Left	O+U	N/A	N/A	D B		1	31	-	520	1813:1813	9+645	79.6 : 79.6%
4/1	Church Road (northbound) Ahead Left Right	U	N/A	N/A	E		1	18	-	282	1720	363	77.7%
5/1	R106 West (westbound)	U	N/A	N/A	-		-	-	-	551	Inf	Inf	0.0%
6/1	Church Road (southbound)	U	N/A	N/A	-		-	-	-	262	Inf	Inf	0.0%
7/1	R106 East (eastbound)	U	N/A	N/A	-		-	-	-	354	Inf	Inf	0.0%
8/1	New Street (southbound/not used) Right Ahead Left	U	N/A	N/A	F		0	0	-	0	1965	0	0.0%
Ped Link: P1	Unnamed Ped Link	-	N/A	-	H		1	7	-	0	-	0	0.0%
Ped Link: P2	Unnamed Ped Link	-	N/A	-	I		1	7	-	0	-	0	0.0%
Ped Link: P3	Unnamed Ped Link	-	N/A	-	J		1	10	-	0	-	0	0.0%
Ped Link: P4	Unnamed Ped Link	-	N/A	-	G		1	8	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**95**	**8**	**42**	**8.2**	**3.9**	**0.6**	**12.7**	**-**	**-**	**-**	**-**
New Street / R106	**-**	**-**	**95**	**8**	**42**	**8.2**	**3.9**	**0.6**	**12.7**	**-**	**-**	**-**	**-**
1/1+1/2	406	406	88	8	42	1.8	0.3	0.6	2.8	24.7	4.2	0.3	4.6
2/1	41	41	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
3/2+3/1	520	520	7	0	0	3.8	1.9	0.0	5.7	39.2	11.5	1.9	13.4
4/1	282	282	-	-	-	2.6	1.7	-	4.3	54.8	6.6	1.7	8.2
5/1	551	551	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	262	262	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	354	354	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	0	0	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1

PRC for Signalled Lanes (%): 13.1
PRC Over All Lanes (%): 13.1

Total Delay for Signalled Lanes (pcuHr): 12.74
Total Delay Over All Lanes(pcuHr): 12.74

Cycle Time (s): 90

Full Input Data And Results

Scenario 2: '2023 Existing Survey PM' (FG2: '2023 Survey Year PM', Plan 2: 'Network Control Plan 2 (2023)')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	-	-	**N/A**	-	-		-	-	-	-	-	-	**73.2%**
New Street / R106	-	-	**N/A**	-	-		-	-	-	-	-	-	**73.2%**
1/1+1/2	R106 West (eastbound) Left Right Ahead	U+O	N/A	N/A	A C		2	39	-	387	1880:1877	754+288	37.1 : 37.1%
2/1	New Street	U	N/A	N/A	-		-	-	-	0	Inf	Inf	0.0%
3/2+3/1	R106 East (westbound) Right Ahead Left	O+U	N/A	N/A	D B		1	32	-	437	2015:1826	0+670	0.0 : 65.3%
4/1	Church Road (northbound) Ahead Left Right	U	N/A	N/A	E		1	17	-	250	1707	341	73.2%
5/1	R106 West (westbound)	U	N/A	N/A	-		-	-	-	525	Inf	Inf	0.0%
6/1	Church Road (southbound)	U	N/A	N/A	-		-	-	-	191	Inf	Inf	0.0%
7/1	R106 East (eastbound)	U	N/A	N/A	-		-	-	-	358	Inf	Inf	0.0%
8/1	New Street (southbound/not used) Right Ahead Left	U	N/A	N/A	F		0	0	-	0	1965	0	0.0%
Ped Link: P1	Unnamed Ped Link	-	N/A	-	H		1	7	-	0	-	0	0.0%
Ped Link: P2	Unnamed Ped Link	-	N/A	-	I		1	7	-	0	-	0	0.0%
Ped Link: P3	Unnamed Ped Link	-	N/A	-	J		1	10	-	0	-	0	0.0%
Ped Link: P4	Unnamed Ped Link	-	N/A	-	G		1	8	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**96**	**6**	**5**	**6.8**	**2.6**	**0.4**	**9.8**	**-**	**-**	**-**	**-**
New Street / R106	**-**	**-**	**96**	**6**	**5**	**6.8**	**2.6**	**0.4**	**9.8**	**-**	**-**	**-**	**-**
1/1+1/2	387	387	96	6	5	1.6	0.3	0.4	2.3	21.2	4.4	0.3	4.7
2/1	0	0	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
3/2+3/1	437	437	0	0	0	2.9	0.9	0.0	3.8	31.4	9.0	0.9	9.9
4/1	250	250	-	-	-	2.3	1.3	-	3.7	52.9	5.8	1.3	7.2
5/1	525	525	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	191	191	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	358	358	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	0	0	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1

PRC for Signalled Lanes (%): 22.9
PRC Over All Lanes (%): 22.9

Total Delay for Signalled Lanes (pcuHr): 9.76
Total Delay Over All Lanes(pcuHr): 9.76

Cycle Time (s): 90

Full Input Data And Results

Scenario 3: '2020 Existing Survey AM' (FG5: '2020 Survey Year AM', Plan 2: 'Network Control Plan 2 (2023)')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	-	-	**N/A**	-	-		-	-	-	-	-	-	**115.3%**
New Street / R106	-	-	**N/A**	-	-		-	-	-	-	-	-	**115.3%**
1/1+1/2	R106 West (eastbound) Left Right Ahead	U+O	N/A	N/A	A C		2	42	-	367	1879:1877	883+139	35.9 : 35.9%
2/1	New Street	U	N/A	N/A	-		-	-	-	1	Inf	Inf	0.0%
3/2+3/1	R106 East (westbound) Right Ahead Left	O+U	N/A	N/A	D B		1	42	-	445	2015:1838	0+878	0.0 : 50.7%
4/1	Church Road (northbound) Ahead Left Right	U	N/A	N/A	E		1	7	-	175	1707	152	115.3%
5/1	R106 West (westbound)	U	N/A	N/A	-		-	-	-	499	Inf	Inf	0.0%
6/1	Church Road (southbound)	U	N/A	N/A	-		-	-	-	113	Inf	Inf	0.0%
7/1	R106 East (eastbound)	U	N/A	N/A	-		-	-	-	374	Inf	Inf	0.0%
8/1	New Street (southbound/not used) Right Ahead Left	U	N/A	N/A	F		0	0	-	0	1965	0	0.0%
Ped Link: P1	Unnamed Ped Link	-	N/A	-	H		1	7	-	0	-	0	0.0%
Ped Link: P2	Unnamed Ped Link	-	N/A	-	I		1	7	-	0	-	0	0.0%
Ped Link: P3	Unnamed Ped Link	-	N/A	-	J		1	10	-	0	-	0	0.0%
Ped Link: P4	Unnamed Ped Link	-	N/A	-	G		1	8	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**41**	**3**	**6**	**5.7**	**15.4**	**0.1**	**21.2**	**-**	**-**	**-**	**-**
New Street / R106	**-**	**-**	**41**	**3**	**6**	**5.7**	**15.4**	**0.1**	**21.2**	**-**	**-**	**-**	**-**
1/1+1/2	367	367	41	3	6	1.0	0.3	0.1	1.4	13.8	4.0	0.3	4.2
2/1	1	1	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
3/2+3/1	445	445	0	0	0	2.0	0.5	0.0	2.5	20.3	7.7	0.5	8.2
4/1	175	152	-	-	-	2.7	14.6	-	17.3	356.0	5.0	14.6	19.6
5/1	483	483	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	113	113	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	366	366	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	0	0	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1 PRC for Signalled Lanes (%): -28.1 Total Delay for Signalled Lanes (pcuHr): 21.22 Cycle Time (s): 90
PRC Over All Lanes (%): -28.1 Total Delay Over All Lanes(pcuHr): 21.22

Full Input Data And Results

Scenario 4: '2020 Existing Survey PM' (FG6: '2020 Survey Year PM', Plan 2: 'Network Control Plan 2 (2023)')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	-	-	**N/A**	-	-		-	-	-	-	-	-	**Inf %**
New Street / R106	-	-	**N/A**	-	-		-	-	-	-	-	-	**Inf %**
1/1+1/2	R106 West (eastbound) Left Right Ahead	U+O	N/A	N/A	A C		2	42	-	398	1878:1877	880+150	38.7 : 38.7%
2/1	New Street	U	N/A	N/A	-		-	-	-	2	Inf	Inf	0.0%
3/2+3/1	R106 East (westbound) Right Ahead Left	O+U	N/A	N/A	D B		1	42	-	464	2015:1829	0+874	0.0 : 53.1%
4/1	Church Road (northbound) Ahead Left Right	U	N/A	N/A	E		1	7	-	207	1707	152	136.4%
5/1	R106 West (westbound)	U	N/A	N/A	-		-	-	-	488	Inf	Inf	0.0%
6/1	Church Road (southbound)	U	N/A	N/A	-		-	-	-	141	Inf	Inf	0.0%
7/1	R106 East (eastbound)	U	N/A	N/A	-		-	-	-	440	Inf	Inf	0.0%
8/1	New Street (southbound/not used) Right Ahead Left	U	N/A	N/A	F		0	0	-	2	1862	0	Inf %
Ped Link: P1	Unnamed Ped Link	-	N/A	-	H		1	7	-	0	-	0	0.0%
Ped Link: P2	Unnamed Ped Link	-	N/A	-	I		1	7	-	0	-	0	0.0%
Ped Link: P3	Unnamed Ped Link	-	N/A	-	J		1	10	-	0	-	0	0.0%
Ped Link: P4	Unnamed Ped Link	-	N/A	-	G		1	8	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**48**	**3**	**7**	**8.0**	**31.6**	**0.1**	**39.8**	**-**	**-**	**-**	**-**
New Street / R106	**-**	**-**	**48**	**3**	**7**	**8.0**	**31.6**	**0.1**	**39.8**	**-**	**-**	**-**	**-**
1/1+1/2	398	398	48	3	7	1.1	0.3	0.1	1.6	14.2	4.3	0.3	4.7
2/1	2	2	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
3/2+3/1	464	464	0	0	0	2.1	0.6	0.0	2.7	20.8	8.0	0.6	8.6
4/1	207	152	-	-	-	4.7	29.4	-	34.1	592.7	7.2	29.4	36.6
5/1	460	460	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	140	140	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	412	412	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	2	0	-	-	-	0.1	1.4	-	1.5	2684.3	0.2	1.4	1.5
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1 PRC for Signalled Lanes (%): -Inf Total Delay for Signalled Lanes (pcuHr): 39.82 Cycle Time (s): 90
PRC Over All Lanes (%): -Inf Total Delay Over All Lanes(pcuHr): 39.82

Full Input Data And Results

Scenario 5: '2019 Existing Survey AM' (FG3: '2019 Survey Year AM', Plan 1: 'Network Control Plan 1 (2019)')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	-	-	**N/A**	-	-		-	-	-	-	-	-	**170.7%**
New Street / R106	-	-	**N/A**	-	-		-	-	-	-	-	-	**170.7%**
1/1+1/2	R106 West (eastbound) Left Right Ahead	U+O	N/A	N/A	A C		2	28	-	425	1857:1877	618+216	51.0 : 51.0%
2/1	New Street	U	N/A	N/A	-		-	-	-	118	Inf	Inf	0.0%
3/2+3/1	R106 East (westbound) Right Ahead Left	O+U	N/A	N/A	D B		1	28	-	428	1813:1828	21+583	70.8 : 70.8%
4/1	Church Road (northbound) Ahead Left Right	U	N/A	N/A	E		1	7	-	265	1746	155	170.7%
5/1	R106 West (westbound)	U	N/A	N/A	-		-	-	-	521	Inf	Inf	0.0%
6/1	Church Road (southbound)	U	N/A	N/A	-		-	-	-	335	Inf	Inf	0.0%
7/1	R106 East (eastbound)	U	N/A	N/A	-		-	-	-	406	Inf	Inf	0.0%
8/1	New Street (southbound/not used) Right Ahead Left	U	N/A	N/A	F		1	7	-	262	1887	168	156.2%
Ped Link: P1	Unnamed Ped Link	-	N/A	-	H		1	7	-	0	-	0	0.0%
Ped Link: P2	Unnamed Ped Link	-	N/A	-	I		1	7	-	0	-	0	0.0%
Ped Link: P3	Unnamed Ped Link	-	N/A	-	J		1	10	-	0	-	0	0.0%
Ped Link: P4	Unnamed Ped Link	-	N/A	-	G		1	8	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**94**	**8**	**24**	**20.1**	**106.3**	**0.4**	**126.8**	**-**	**-**	**-**	**-**
New Street / R106	**-**	**-**	**94**	**8**	**24**	**20.1**	**106.3**	**0.4**	**126.8**	**-**	**-**	**-**	**-**
1/1+1/2	425	425	80	7	23	2.2	0.5	0.4	3.1	26.3	5.4	0.5	5.9
2/1	87	87	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
3/2+3/1	428	428	14	1	0	3.2	1.2	0.0	4.4	36.9	9.1	1.2	10.3
4/1	265	155	-	-	-	8.1	56.1	-	64.2	872.3	11.2	56.1	67.3
5/1	450	450	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	281	281	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	358	358	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	262	168	-	-	-	6.7	48.5	-	55.1	757.6	9.4	48.5	57.9
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1

PRC for Signalled Lanes (%): -89.7
PRC Over All Lanes (%): -89.7

Total Delay for Signalled Lanes (pcuHr): 126.83
Total Delay Over All Lanes(pcuHr): 126.83

Cycle Time (s): 90

Full Input Data And Results

Scenario 6: '2019 Existing Survey PM' (FG4: '2019 Survey Year PM', Plan 1: 'Network Control Plan 1 (2019)')

Item	Lane Description	Lane Type	Controller Stream	Position In Filtered Route	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)
Network: Public Realm at New Street, Malahide, Co. Dublin	-	-	**N/A**	-	-		-	-	-	-	-	-	**144.6%**
New Street / R106	-	-	**N/A**	-	-		-	-	-	-	-	-	**144.6%**
1/1+1/2	R106 West (eastbound) Left Right Ahead	U+O	N/A	N/A	A C		2	28	-	416	1822:1877	603+139	56.1 : 56.1%
2/1	New Street	U	N/A	N/A	-		-	-	-	217	Inf	Inf	0.0%
3/2+3/1	R106 East (westbound) Right Ahead Left	O+U	N/A	N/A	D B		1	28	-	391	1813:1839	113+520	61.8 : 61.8%
4/1	Church Road (northbound) Ahead Left Right	U	N/A	N/A	E		1	7	-	225	1750	156	144.6%
5/1	R106 West (westbound)	U	N/A	N/A	-		-	-	-	447	Inf	Inf	0.0%
6/1	Church Road (southbound)	U	N/A	N/A	-		-	-	-	207	Inf	Inf	0.0%
7/1	R106 East (eastbound)	U	N/A	N/A	-		-	-	-	370	Inf	Inf	0.0%
8/1	New Street (southbound/not used) Right Ahead Left	U	N/A	N/A	F		1	7	-	209	1855	165	126.8%
Ped Link: P1	Unnamed Ped Link	-	N/A	-	H		1	7	-	0	-	0	0.0%
Ped Link: P2	Unnamed Ped Link	-	N/A	-	I		1	7	-	0	-	0	0.0%
Ped Link: P3	Unnamed Ped Link	-	N/A	-	J		1	10	-	0	-	0	0.0%
Ped Link: P4	Unnamed Ped Link	-	N/A	-	G		1	8	-	0	-	0	0.0%

Full Input Data And Results

Item	Arriving (pcu)	Leaving (pcu)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Uniform Delay (pcuHr)	Rand + Oversat Delay (pcuHr)	Storage Area Uniform Delay (pcuHr)	Total Delay (pcuHr)	Av. Delay Per PCU (s/pcu)	Max. Back of Uniform Queue (pcu)	Rand + Oversat Queue (pcu)	Mean Max Queue (pcu)
Network: Public Realm at New Street, Malahide, Co. Dublin	**-**	**-**	**129**	**8**	**11**	**14.3**	**61.9**	**0.4**	**76.6**	**-**	**-**	**-**	**-**
New Street / R106	**-**	**-**	**129**	**8**	**11**	**14.3**	**61.9**	**0.4**	**76.6**	**-**	**-**	**-**	**-**
1/1+1/2	416	416	64	4	10	2.1	0.6	0.2	3.0	25.8	5.9	0.6	6.6
2/1	195	195	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
3/2+3/1	391	391	65	4	2	2.7	0.8	0.2	3.7	33.7	7.3	0.8	8.1
4/1	225	156	-	-	-	5.6	36.3	-	41.9	670.0	8.3	36.3	44.6
5/1	402	402	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
6/1	189	189	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
7/1	341	341	-	-	-	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
8/1	209	165	-	-	-	3.8	24.2	-	28.1	483.3	6.3	24.2	30.5
Ped Link: P1	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P2	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P3	0	0	-	-	-	-	-	-	-	-	-	-	-
Ped Link: P4	0	0	-	-	-	-	-	-	-	-	-	-	-

C1 PRC for Signalled Lanes (%): -60.7 Total Delay for Signalled Lanes (pcuHr): 76.58 Cycle Time (s): 90
PRC Over All Lanes (%): -60.7 Total Delay Over All Lanes(pcuHr): 76.58

Appendix F Junction 5 - Townyard Lane and the R106 Junctions 9 Analysis

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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+44 (0)1344 379777 software@trl.co.uk www.trlsoftware.co.uk

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Filename: Junction 5 - Townyard Lane.R106.j9
Path: \\w2k19-dl-fs01\users\CAD\DWGS\222\101-150\222126\3.0 Calculations\1. Civils\222126-PUNCH-XX-XX-CA-C-0008_Traffic\Junctions 9
Report generation date: 31/01/2023 11:09:36

»2023 Survey Year, AM
»2023 Survey Year, PM
»2020 Survey Year, AM
»2020 Survey Year, PM
»2019 Estimated, AM
»2019 Estimated, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	2023 Survey Year							
Stream B-AC	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream C-AB	0.9	5.66	0.32	A	0.8	5.88	0.30	A
	2020 Survey Year							
Stream B-AC	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream C-AB	0.7	5.53	0.26	A	1.0	6.14	0.36	A
	2019 Estimated							
Stream B-AC	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream C-AB	0.6	5.10	0.23	A	0.1	4.78	0.07	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	
Location	
Site number	
Date	17/01/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	MPPNET\RLee
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units

m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:30	10:00	15
D2	2023 Survey Year	PM	ONE HOUR	12:45	14:15	15
D3	2020 Survey Year	AM	ONE HOUR	08:30	10:00	15
D4	2020 Survey Year	PM	ONE HOUR	12:45	14:15	15
D5	2019 Estimated	AM	ONE HOUR	08:30	10:00	15
D6	2019 Estimated	PM	ONE HOUR	12:45	14:15	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2023 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 5	T-Junction	Two-way		1.34	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	R106		Major
B	Townyard Lane		Minor
C	R106		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - R106	6.00			100.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - Townyard Lane	One lane	3.20	0	0

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	487	0.089	0.224	0.141	0.321
1	B-C	636	0.098	0.247	-	-
1	C-B	632	0.245	0.245	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:30	10:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	376	100.000
B - Townyard Lane		✓	0	100.000
C - R106		✓	628	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	51	325
	B - Townyard Lane	0	0	0
	C - R106	524	104	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	0	0
	B - Townyard Lane	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.32	5.66	0.9	A
C-A				
A-B				
A-C				

2023 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 5	T-Junction	Two-way		1.28	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2023 Survey Year	PM	ONE HOUR	12:45	14:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	410	100.000
B - Townyard Lane		✓	0	100.000
C - R106		✓	556	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	81	329
	B - Townyard Lane	0	0	0
	C - R106	454	102	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	0	0
	B - Townyard Lane	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.30	5.88	0.8	A
C-A				
A-B				
A-C				

2020 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 5	T-Junction	Two-way		1.13	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2020 Survey Year	AM	ONE HOUR	08:30	10:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	370	100.000
B - Townyard Lane		✓	0	100.000
C - R106		✓	545	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	80	290
	B - Townyard Lane	0	0	0
	C - R106	454	91	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	0	0
	B - Townyard Lane	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.26	5.53	0.7	A
C-A				
A-B				
A-C				

2020 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 5	T-Junction	Two-way		1.48	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2020 Survey Year	PM	ONE HOUR	12:45	14:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	443	100.000
B - Townyard Lane		✓	0	100.000
C - R106		✓	622	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	87	356
	B - Townyard Lane	0	0	0
	C - R106	509	113	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	0	0
	B - Townyard Lane	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.36	6.14	1.0	A
C-A				
A-B				
A-C				

2019 Estimated, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 5	T-Junction	Two-way		1.00	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D5	2019 Estimated	AM	ONE HOUR	08:30	10:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	310	100.000
B - Townyard Lane		✓	0	100.000
C - R106		✓	569	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	7	303
	B - Townyard Lane	0	0	0
	C - R106	488	81	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	0	0
	B - Townyard Lane	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.23	5.10	0.6	A
C-A				
A-B				
A-C				

2019 Estimated, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 5	T-Junction	Two-way		0.29	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2019 Estimated	PM	ONE HOUR	12:45	14:15	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	352	100.000
B - Townyard Lane		✓	0	100.000
C - R106		✓	448	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	46	306
	B - Townyard Lane	0	0	0
	C - R106	423	25	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Townyard Lane	C - R106
From	A - R106	0	0	0
	B - Townyard Lane	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.07	4.78	0.1	A
C-A				
A-B				
A-C				

Appendix G Junction 6 - Old Street and the R106 Junctions 9 Analysis

Junctions 9

PICADY 9 - Priority Intersection Module

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Filename: Junction 6 - Old Street.R106.j9
Path: \\w2k19-dl-fs01\users\CAD\DWGS\222\101-150\222126\3.0 Calculations\1. Civils\222126-PUNCH-XX-XX-CA-C-0008_Traffic\Junctions 9
Report generation date: 31/01/2023 11:10:40

»2023 Survey Year, AM
»2023 Survey Year, PM
»2020 Survey Year, AM
»2020 Survey Year, PM
»2019 Estimated, AM
»2019 Estimated, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	2023 Survey Year							
Stream B-AC	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream C-AB	0.5	5.26	0.21	A	0.6	5.70	0.26	A
	2020 Survey Year							
Stream B-AC	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream C-AB	0.5	5.35	0.21	A	0.5	5.20	0.20	A
	2019 Estimated							
Stream B-AC	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream C-AB	0.3	5.03	0.14	A	0.3	4.98	0.13	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	
Location	
Site number	
Date	17/01/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	MPPNET\RLee
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units

m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:00	09:30	15
D2	2023 Survey Year	PM	ONE HOUR	15:30	17:00	15
D3	2020 Survey Year	AM	ONE HOUR	08:00	09:30	15
D4	2020 Survey Year	PM	ONE HOUR	15:30	17:00	15
D5	2019 Estimated	AM	ONE HOUR	08:00	09:30	15
D6	2019 Estimated	PM	ONE HOUR	15:30	17:00	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2023 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Old Street/R106	T-Junction	Two-way		0.76	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	R106		Major
B	Old Street		Minor
C	R106		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - R106	6.00			100.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - Old Street	One lane	3.30	0	0

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	492	0.090	0.227	0.143	0.324
1	B-C	643	0.099	0.249	-	-
1	C-B	632	0.245	0.245	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	483	100.000
B - Old Street		✓	0	100.000
C - R106		✓	536	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	70	413
	B - Old Street	0	0	0
	C - R106	467	69	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	0	0
	B - Old Street	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.21	5.26	0.5	A
C-A				
A-B				
A-C				

2023 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Old Street/R106	T-Junction	Two-way		1.03	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2023 Survey Year	PM	ONE HOUR	15:30	17:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	458	100.000
B - Old Street		✓	0	100.000
C - R106		✓	524	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	79	379
	B - Old Street	0	0	0
	C - R106	437	87	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	0	0
	B - Old Street	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.26	5.70	0.6	A
C-A				
A-B				
A-C				

2020 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Old Street/R106	T-Junction	Two-way		0.86	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2020 Survey Year	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	414	100.000
B - Old Street		✓	0	100.000
C - R106		✓	504	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	50	364
	B - Old Street	0	0	0
	C - R106	430	74	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	0	0
	B - Old Street	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.21	5.35	0.5	A
C-A				
A-B				
A-C				

2020 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Old Street/R106	T-Junction	Two-way		0.73	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2020 Survey Year	PM	ONE HOUR	15:30	17:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	471	100.000
B - Old Street		✓	1	100.000
C - R106		✓	524	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	66	405
	B - Old Street	0	0	1
	C - R106	458	66	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	0	0
	B - Old Street	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.20	5.20	0.5	A
C-A				
A-B				
A-C				

2019 Estimated, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Old Street/R106	T-Junction	Two-way		0.52	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D5	2019 Estimated	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	435	100.000
B - Old Street		✓	0	100.000
C - R106		✓	481	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	51	384
	B - Old Street	0	0	0
	C - R106	434	47	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	0	0
	B - Old Street	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.14	5.03	0.3	A
C-A				
A-B				
A-C				

2019 Estimated, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Old Street/R106	T-Junction	Two-way		0.54	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2019 Estimated	PM	ONE HOUR	15:30	17:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	388	100.000
B - Old Street		✓	0	100.000
C - R106		✓	481	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	35	353
	B - Old Street	0	0	0
	C - R106	434	47	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Old Street	C - R106
From	A - R106	0	0	0
	B - Old Street	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.13	4.98	0.3	A
C-A				
A-B				
A-C				

Appendix H Junction 7 - James' Terrace and the R106 Junctions 9 Analysis

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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Filename: Junction 7 - Jame's Terrace.R106.j9
Path: \\w2k19-dl-fs01\users\CAD\DWGS\222\101-150\222126\3.0 Calculations\1. Civils\222126-PUNCH-XX-XX-CA-C-0008_Traffic\Junctions 9
Report generation date: 31/01/2023 11:11:32

»2023 Survey Year, AM
»2023 Survey Year, PM
»2020 Survey Year, AM
»2020 Survey Year, PM
»2019 Estimated, AM
»2019 Estimated, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	2023 Survey Year							
Stream B-AC	3.6	39.16	0.80	E	4.7	46.19	0.84	E
Stream C-AB	0.0	0.00	0.00	A	0.0	0.00	0.00	A
	2020 Survey Year							
Stream B-AC	1.7	21.15	0.63	C	4.5	44.75	0.84	E
Stream C-AB	0.0	0.00	0.00	A	0.0	4.60	0.00	A
	2019 Estimated							
Stream B-AC	0.7	13.58	0.41	B	1.1	16.16	0.53	C
Stream C-AB	0.0	0.00	0.00	A	0.0	0.00	0.00	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	
Location	
Site number	
Date	17/01/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	MPPNET\RLee
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units

m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15
D2	2023 Survey Year	PM	ONE HOUR	16:15	17:45	15
D3	2020 Survey Year	AM	ONE HOUR	08:15	09:45	15
D4	2020 Survey Year	PM	ONE HOUR	16:15	17:45	15
D5	2019 Estimated	AM	ONE HOUR	08:15	09:45	15
D6	2019 Estimated	PM	ONE HOUR	16:15	17:45	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2023 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 7 - Jame's Terrace/R106	T-Junction	Two-way		11.27	B

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	R106		Major
B	Jame's Terrace		Minor
C	R106		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - R106	6.00			80.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - Jame's Terrace	One lane	3.25	0	0

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	490	0.089	0.225	0.142	0.322
1	B-C	640	0.098	0.248	-	-
1	C-B	620	0.240	0.240	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	294	100.000
B - Jame's Terrace		✓	321	100.000
C - R106		✓	500	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	**B - Jame's Terrace**	**C - R106**
From	**A - R106**	0	0	294
	B - Jame's Terrace	131	0	190
	C - R106	500	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	**B - Jame's Terrace**	**C - R106**
From	**A - R106**	0	0	0
	B - Jame's Terrace	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.80	39.16	3.6	E
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

2023 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 7 - Jame's Terrace/R106	T-Junction	Two-way		15.33	C

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2023 Survey Year	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	297	100.000
B - Jame's Terrace		✓	357	100.000
C - R106		✓	422	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	297
	B - Jame's Terrace	120	0	237
	C - R106	422	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	0
	B - Jame's Terrace	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.84	46.19	4.7	E
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

2020 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 7 - Jame's Terrace/R106	T-Junction	Two-way		5.86	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2020 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	268	100.000
B - Jame's Terrace		✓	265	100.000
C - R106		✓	424	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	268
	B - Jame's Terrace	103	0	162
	C - R106	424	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	0
	B - Jame's Terrace	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.63	21.15	1.7	C
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

2020 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 7 - Jame's Terrace/R106	T-Junction	Two-way		14.03	B

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2020 Survey Year	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	332	100.000
B - Jame's Terrace		✓	349	100.000
C - R106		✓	433	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	332
	B - Jame's Terrace	110	0	239
	C - R106	432	1	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	0
	B - Jame's Terrace	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.84	44.75	4.5	E
C-AB	0.00	4.60	0.0	A
C-A				
A-B				
A-C				

2019 Estimated, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 7 - Jame's Terrace/R106	T-Junction	Two-way		2.53	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D5	2019 Estimated	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	274	100.000
B - Jame's Terrace		✓	169	100.000
C - R106		✓	465	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	274
	B - Jame's Terrace	69	0	100
	C - R106	465	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	0
	B - Jame's Terrace	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.41	13.58	0.7	B
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

2019 Estimated, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 7 - Jame's Terrace/R106	T-Junction	Two-way		4.11	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2019 Estimated	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	276	100.000
B - Jame's Terrace		✓	228	100.000
C - R106		✓	393	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	276
	B - Jame's Terrace	77	0	151
	C - R106	393	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Jame's Terrace	C - R106
From	A - R106	0	0	0
	B - Jame's Terrace	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.53	16.16	1.1	C
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Appendix I Junction 8 - The Rise and the R106 Junctions 9 Analysis

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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Filename: Junction 8 - The Rise.R106.j9
Path: \\w2k19-dl-fs01\users\CAD\DWGS\222\101-150\222126\3.0 Calculations\1. Civils\222126-PUNCH-XX-XX-CA-C-0008_Traffic\Junctions 9
Report generation date: 27/01/2023 11:17:46

»2023 Survey Year, AM
»2023 Survey Year, PM
»2019 Survey Year, AM
»2019 Survey Year, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	2023 Survey Year							
Stream B-AC	0.9	19.32	0.47	C	0.2	12.33	0.15	B
Stream C-AB	0.0	5.09	0.02	A	0.1	5.34	0.06	A
	2019 Survey Year							
Stream B-AC	0.7	19.17	0.43	C	0.2	13.21	0.18	B
Stream C-AB	0.1	5.28	0.05	A	0.3	5.47	0.11	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	
Location	
Site number	
Date	17/01/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	MPPNET\RLee
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units
m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15

D2	2023 Survey Year	PM	ONE HOUR	16:15	17:45	15
D3	2019 Survey Year	AM	ONE HOUR	08:15	09:45	15
D4	2019 Survey Year	PM	ONE HOUR	16:15	17:45	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2023 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 8 - The Rise/R106	T-Junction	Two-way		2.79	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	R106		Major
B	The Rise		Minor
C	R106		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - R106	6.00			0.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - The Rise	One lane	2.50	30	25

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	475	0.086	0.218	0.137	0.312
1	B-C	608	0.093	0.235	-	-
1	C-B	574	0.222	0.222	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.
Streams may be combined, in which case capacity will be adjusted.
Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	483	100.000
B - The Rise		✓	147	100.000
C - R106		✓	415	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - The Rise	C - R106
From	A - R106	0	22	461
	B - The Rise	92	0	55
	C - R106	408	7	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - The Rise	C - R106
From	A - R106	0	0	0
	B - The Rise	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.47	19.32	0.9	C
C-AB	0.02	5.09	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	111	403	0.275	109	0.4	12.212	B
C-AB	9	716	0.013	9	0.0	5.092	A
C-A	303			303			
A-B	17			17			
A-C	347			347			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	132	380	0.348	132	0.5	14.465	B
C-AB	12	747	0.017	12	0.0	4.900	A
C-A	361			361			
A-B	20			20			
A-C	414			414			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	162	348	0.465	161	0.8	19.082	C

C-AB	18	791	0.023	18	0.0	4.654	A
C-A	439			439			
A-B	24			24			
A-C	508			508			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	162	348	0.465	162	0.9	19.325	C
C-AB	18	791	0.023	18	0.0	4.656	A
C-A	439			439			
A-B	24			24			
A-C	508			508			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	132	380	0.348	133	0.5	14.684	B
C-AB	12	747	0.017	12	0.0	4.901	A
C-A	361			361			
A-B	20			20			
A-C	414			414			

09:30 - 09:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	111	403	0.275	111	0.4	12.390	B
C-AB	9	716	0.013	9	0.0	5.092	A
C-A	303			303			
A-B	17			17			
A-C	347			347			

2023 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 8 - The Rise/R106	T-Junction	Two-way		0.77	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2023 Survey Year	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	536	100.000
B - The Rise		✓	46	100.000
C - R106		✓	406	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - The Rise	C - R106
From	A - R106	0	85	451
	B - The Rise	29	0	17
	C - R106	388	18	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - The Rise	C - R106
From	A - R106	0	0	0
	B - The Rise	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.15	12.33	0.2	B
C-AB	0.06	5.34	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	35	399	0.087	34	0.1	9.863	A
C-AB	23	698	0.033	23	0.0	5.335	A
C-A	282			282			
A-B	64			64			
A-C	340			340			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	41	375	0.110	41	0.1	10.768	B
C-AB	31	725	0.043	31	0.1	5.187	A
C-A	334			334			
A-B	76			76			
A-C	405			405			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	51	343	0.148	50	0.2	12.311	B
C-AB	45	765	0.059	45	0.1	5.000	A
C-A	402			402			
A-B	94			94			
A-C	497			497			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	51	343	0.148	51	0.2	12.326	B
C-AB	45	765	0.059	45	0.1	5.001	A
C-A	402			402			
A-B	94			94			
A-C	497			497			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	41	375	0.110	42	0.1	10.789	B
C-AB	31	725	0.043	31	0.1	5.189	A
C-A	334			334			
A-B	76			76			
A-C	405			405			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	35	399	0.087	35	0.1	9.890	A
C-AB	23	698	0.034	23	0.0	5.341	A
C-A	282			282			
A-B	64			64			
A-C	340			340			

2019 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 8 - The Rise/R106	T-Junction	Two-way		2.39	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2019 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	541	100.000
B - The Rise		✓	126	100.000
C - R106		✓	408	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - The Rise	C - R106
From	A - R106	0	13	528
	B - The Rise	83	0	43
	C - R106	394	14	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - The Rise	C - R106
From	A - R106	0	0	0
	B - The Rise	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.43	19.17	0.7	C
C-AB	0.05	5.28	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	95	387	0.245	94	0.3	12.234	B
C-AB	18	700	0.026	18	0.0	5.277	A
C-A	289			289			
A-B	10			10			
A-C	398			398			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	113	362	0.313	113	0.4	14.442	B
C-AB	25	728	0.034	25	0.0	5.114	A
C-A	342			342			
A-B	12			12			
A-C	475			475			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	139	326	0.425	138	0.7	18.966	C
C-AB	35	769	0.046	35	0.1	4.907	A
C-A	414			414			
A-B	14			14			
A-C	581			581			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	139	326	0.425	139	0.7	19.168	C
C-AB	36	769	0.046	36	0.1	4.910	A
C-A	414			414			
A-B	14			14			
A-C	581			581			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	113	361	0.313	114	0.5	14.627	B
C-AB	25	728	0.034	25	0.0	5.118	A
C-A	342			342			
A-B	12			12			
A-C	475			475			

09:30 - 09:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	95	387	0.245	95	0.3	12.385	B
C-AB	18	700	0.026	18	0.0	5.280	A
C-A	289			289			
A-B	10			10			
A-C	398			398			

2019 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 8 - The Rise/R106	T-Junction	Two-way		1.05	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2019 Survey Year	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	541	100.000
B - The Rise		✓	53	100.000
C - R106		✓	434	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - The Rise	C - R106
From	A - R106	0	51	490
	B - The Rise	33	0	20
	C - R106	400	34	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - The Rise	C - R106
From	A - R106	0	0	0
	B - The Rise	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.18	13.21	0.2	B
C-AB	0.11	5.47	0.3	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	40	392	0.102	39	0.1	10.213	B
C-AB	45	704	0.064	44	0.1	5.458	A
C-A	282			282			
A-B	38			38			
A-C	369			369			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	48	366	0.130	48	0.1	11.287	B
C-AB	60	732	0.082	60	0.2	5.358	A
C-A	330			330			
A-B	46			46			
A-C	440			440			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	58	331	0.176	58	0.2	13.181	B
C-AB	87	774	0.113	87	0.3	5.242	A
C-A	391			391			
A-B	56			56			
A-C	540			540			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	58	331	0.176	58	0.2	13.207	B
C-AB	87	774	0.113	87	0.3	5.248	A
C-A	390			390			
A-B	56			56			
A-C	540			540			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	48	366	0.130	48	0.2	11.317	B
C-AB	60	733	0.083	61	0.2	5.364	A
C-A	330			330			
A-B	46			46			
A-C	440			440			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	40	391	0.102	40	0.1	10.249	B
C-AB	45	704	0.064	45	0.1	5.471	A
C-A	282			282			
A-B	38			38			
A-C	369			369			

Appendix J Junction 9 - Grove Road and the R106

Junctions 9 Analysis

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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Filename: Junction 9 - R106.Grove Road.j9
Path: I:\DWGS\222\101-150\222126\3.0 Calculations\1. Civils\222126-PUNCH-XX-XX-CA-C-0008_Traffic\Junctions 9
Report generation date: 27/01/2023 11:16:40

»2023 Survey Year, AM
»2023 Survey Year, PM
»2019 Survey Year, AM
»2019 Survey Year, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	2023 Survey Year							
Stream B-AC	0.3	11.54	0.20	B	0.3	10.74	0.23	B
Stream C-AB	0.1	5.43	0.07	A	0.1	5.31	0.05	A
	2019 Survey Year							
Stream B-AC	0.3	12.80	0.26	B	0.5	13.04	0.34	B
Stream C-AB	0.1	5.41	0.06	A	0.1	5.44	0.06	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	
Location	
Site number	
Date	17/01/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	MPPNET\RLee
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units
m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15
D2	2023 Survey Year	PM	ONE HOUR	16:15	17:45	15
D3	2019 Survey Year	AM	ONE HOUR	08:15	09:45	15
D4	2019 Survey Year	PM	ONE HOUR	16:15	17:45	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2023 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 9 - R106/Grove Road	T-Junction	Two-way		1.10	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	R106		Major
B	Grove Road		Minor
C	R106		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - R106	6.00			0.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - Grove Road	One lane	3.30	70	45

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	538	0.098	0.248	0.156	0.354
1	B-C	672	0.103	0.260	-	-
1	C-B	574	0.222	0.222	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	517	100.000
B - Grove Road		✓	73	100.000
C - R106		✓	397	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Grove Road	C - R106
From	A - R106	0	100	417
	B - Grove Road	47	0	26
	C - R106	374	23	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Grove Road	C - R106
From	A - R106	0	0	0
	B - Grove Road	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.20	11.54	0.3	B
C-AB	0.07	5.43	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	55	453	0.121	54	0.1	9.027	A
C-AB	29	693	0.042	29	0.1	5.422	A
C-A	270			270			
A-B	75			75			
A-C	314			314			

08:30 - 08:45

Stream	Total Demand	Capacity	RFC	Throughput	End queue	Delay (s)	Unsignalised

	(PCU/hr)	(PCU/hr)		(PCU/hr)	(PCU)		level of service
B-AC	66	428	0.154	65	0.2	9.939	A
C-AB	39	719	0.054	39	0.1	5.295	A
C-A	318			318			
A-B	90			90			
A-C	375			375			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	80	392	0.205	80	0.3	11.522	B
C-AB	56	757	0.074	56	0.1	5.134	A
C-A	381			381			
A-B	110			110			
A-C	459			459			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	80	392	0.205	80	0.3	11.543	B
C-AB	56	757	0.074	56	0.1	5.138	A
C-A	381			381			
A-B	110			110			
A-C	459			459			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	66	427	0.154	66	0.2	9.964	A
C-AB	39	719	0.054	39	0.1	5.297	A
C-A	318			318			
A-B	90			90			
A-C	375			375			

09:30 - 09:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	55	453	0.121	55	0.1	9.061	A
C-AB	29	693	0.042	29	0.1	5.427	A
C-A	270			270			
A-B	75			75			
A-C	314			314			

2023 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 9 - R106/Grove Road	T-Junction	Two-way		1.20	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2023 Survey Year	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	472	100.000
B - Grove Road		✓	92	100.000
C - R106		✓	385	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Grove Road	C - R106
From	A - R106	0	55	417
	B - Grove Road	41	0	51
	C - R106	370	15	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Grove Road	C - R106
From	A - R106	0	0	0
	B - Grove Road	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.23	10.74	0.3	B
C-AB	0.05	5.31	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	69	491	0.141	69	0.2	8.506	A
C-AB	19	697	0.027	19	0.0	5.308	A
C-A	271			271			
A-B	41			41			
A-C	314			314			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	83	468	0.177	83	0.2	9.323	A
C-AB	25	724	0.035	25	0.0	5.152	A
C-A	321			321			
A-B	49			49			
A-C	375			375			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	101	436	0.232	101	0.3	10.720	B
C-AB	36	762	0.047	36	0.1	4.954	A
C-A	388			388			
A-B	61			61			
A-C	459			459			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	101	436	0.232	101	0.3	10.742	B
C-AB	36	762	0.047	36	0.1	4.955	A
C-A	388			388			
A-B	61			61			
A-C	459			459			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	83	468	0.177	83	0.2	9.351	A
C-AB	25	724	0.035	25	0.0	5.154	A
C-A	321			321			
A-B	49			49			
A-C	375			375			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	69	491	0.141	69	0.2	8.542	A
C-AB	19	697	0.027	19	0.0	5.311	A
C-A	271			271			
A-B	41			41			
A-C	314			314			

2019 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 9 - R106/Grove Road	T-Junction	Two-way		1.35	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2019 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	519	100.000
B - Grove Road		✓	90	100.000
C - R106		✓	384	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Grove Road	C - R106
From	A - R106	0	130	389
	B - Grove Road	69	0	21
	C - R106	366	18	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Grove Road	C - R106
From	A - R106	0	0	0
	B - Grove Road	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.26	12.80	0.3	B
C-AB	0.06	5.41	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	68	439	0.154	67	0.2	9.650	A
C-AB	23	688	0.033	22	0.0	5.407	A
C-A	266			266			
A-B	98			98			
A-C	293			293			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	81	415	0.195	81	0.2	10.770	B
C-AB	30	713	0.042	30	0.1	5.268	A
C-A	315			315			
A-B	117			117			
A-C	350			350			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	99	380	0.261	99	0.3	12.762	B
C-AB	43	750	0.057	43	0.1	5.092	A
C-A	380			380			
A-B	143			143			
A-C	428			428			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	99	380	0.261	99	0.3	12.800	B
C-AB	43	750	0.057	43	0.1	5.095	A
C-A	380			380			
A-B	143			143			
A-C	428			428			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	81	415	0.195	81	0.2	10.812	B
C-AB	30	713	0.042	30	0.1	5.273	A
C-A	315			315			
A-B	117			117			
A-C	350			350			

09:30 - 09:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	68	439	0.154	68	0.2	9.700	A
C-AB	23	688	0.033	23	0.0	5.411	A
C-A	266			266			
A-B	98			98			
A-C	293			293			

2019 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 9 - R106/Grove Road	T-Junction	Two-way		1.82	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2019 Survey Year	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - R106		✓	513	100.000
B - Grove Road		✓	127	100.000
C - R106		✓	380	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - R106	B - Grove Road	C - R106
From	A - R106	0	111	402
	B - Grove Road	69	0	58
	C - R106	361	19	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R106	B - Grove Road	C - R106
From	A - R106	0	0	0
	B - Grove Road	0	0	0
	C - R106	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.34	13.04	0.5	B
C-AB	0.06	5.44	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	96	473	0.202	95	0.3	9.489	A
C-AB	24	686	0.035	24	0.0	5.431	A
C-A	262			262			
A-B	84			84			
A-C	303			303			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	114	449	0.254	114	0.3	10.722	B
C-AB	32	711	0.044	31	0.1	5.299	A
C-A	310			310			
A-B	100			100			
A-C	361			361			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	140	416	0.336	139	0.5	12.977	B
C-AB	45	747	0.060	45	0.1	5.127	A
C-A	374			374			
A-B	122			122			
A-C	443			443			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	140	416	0.336	140	0.5	13.036	B
C-AB	45	747	0.060	45	0.1	5.131	A
C-A	373			373			
A-B	122			122			
A-C	443			443			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	114	449	0.254	115	0.3	10.784	B
C-AB	32	711	0.044	32	0.1	5.302	A
C-A	310			310			
A-B	100			100			
A-C	361			361			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	96	473	0.202	96	0.3	9.559	A
C-AB	24	686	0.035	24	0.0	5.437	A
C-A	262			262			
A-B	84			84			
A-C	303			303			

Appendix K Junction 10 - Grove Road and The Rise Junctions 9 Analysis

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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Filename: Junction 10 - The Rise.Grove Road.j9
Path: \\w2k19-dl-fs01\users\CAD\DWGS\222\101-150\222126\3.0 Calculations\1. Civils\222126-PUNCH-XX-XX-CA-C-0008_Traffic\Junctions 9
Report generation date: 31/01/2023 11:12:21

»2023 Survey Year, AM
»2023 Survey Year, PM
»2019 Survey Year, AM
»2019 Survey Year, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	2023 Survey Year							
Stream B-AC	0.1	9.14	0.11	A	0.3	10.87	0.26	B
Stream C-AB	0.3	7.97	0.24	A	0.0	6.14	0.01	A
	2019 Survey Year							
Stream B-AC	0.1	8.53	0.05	A	0.1	9.20	0.12	A
Stream C-AB	0.5	8.48	0.32	A	0.0	5.90	0.01	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	
Location	
Site number	
Date	17/01/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	MPPNET\RLee
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units
m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:00	09:30	15
D2	2023 Survey Year	PM	ONE HOUR	16:15	17:45	15
D3	2019 Survey Year	AM	ONE HOUR	08:00	09:30	15
D4	2019 Survey Year	PM	ONE HOUR	16:15	17:45	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2023 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 10 - The Rise/ Grove Road	T-Junction	Two-way		6.30	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	Grove Road		Major
B	The Rise		Minor
C	Grove Road		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - Grove Road	6.00			0.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - The Rise	One lane	2.40	25	20

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	466	0.085	0.214	0.135	0.306
1	B-C	598	0.092	0.232	-	-
1	C-B	574	0.222	0.222	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Grove Road		✓	26	100.000
B - The Rise		✓	46	100.000
C - Grove Road		✓	157	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Grove Road	B - The Rise	C - Grove Road
From	A - Grove Road	0	15	11
	B - The Rise	36	0	10
	C - Grove Road	36	121	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Grove Road	B - The Rise	C - Grove Road
From	A - Grove Road	0	0	0
	B - The Rise	0	0	0
	C - Grove Road	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.11	9.14	0.1	A
C-AB	0.24	7.97	0.3	A
C-A				
A-B				
A-C				

2023 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 10 - The Rise/ Grove Road	T-Junction	Two-way		4.34	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2023 Survey Year	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Grove Road		✓	96	100.000
B - The Rise		✓	103	100.000
C - Grove Road		✓	65	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Grove Road	B - The Rise	C - Grove Road
From	A - Grove Road	0	40	56
	B - The Rise	97	0	6
	C - Grove Road	61	4	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Grove Road	B - The Rise	C - Grove Road
From	A - Grove Road	0	0	0
	B - The Rise	0	0	0
	C - Grove Road	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.26	10.87	0.3	B
C-AB	0.01	6.14	0.0	A
C-A				
A-B				
A-C				

2019 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 10 - The Rise/ Grove Road	T-Junction	Two-way		6.04	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2019 Survey Year	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Grove Road		✓	26	100.000
B - The Rise		✓	21	100.000
C - Grove Road		✓	232	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Grove Road	B - The Rise	C - Grove Road
From	A - Grove Road	0	6	20
	B - The Rise	14	0	7
	C - Grove Road	75	157	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Grove Road	B - The Rise	C - Grove Road
From	A - Grove Road	0	0	0
	B - The Rise	0	0	0
	C - Grove Road	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.05	8.53	0.1	A
C-AB	0.32	8.48	0.5	A
C-A				
A-B				
A-C				

2019 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 10 - The Rise/ Grove Road	T-Junction	Two-way		1.69	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2019 Survey Year	PM	ONE HOUR	16:15	17:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Grove Road		✓	114	100.000
B - The Rise		✓	48	100.000
C - Grove Road		✓	117	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Grove Road	B - The Rise	C - Grove Road
From	A - Grove Road	0	46	68
	B - The Rise	41	0	7
	C - Grove Road	113	4	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Grove Road	B - The Rise	C - Grove Road
From	A - Grove Road	0	0	0
	B - The Rise	0	0	0
	C - Grove Road	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.12	9.20	0.1	A
C-AB	0.01	5.90	0.0	A
C-A				
A-B				
A-C				

Appendix L Junction 11 - Grove Road and Church Road Junctions 9 Analysis

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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+44 (0)1344 379777 software@trl.co.uk www.trlsoftware.co.uk

The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution

Filename: Junction 11 - Church Road.Grove Road.j9
Path: I:\DWGS\222\101-150\222126\3.0 Calculations\1. Civils\222126-PUNCH-XX-XX-CA-C-0008_Traffic\Junctions 9
Report generation date: 27/01/2023 11:13:34

»2023 Survey Year, AM
»2023 Survey Year, PM
»2019 Survey Year, AM
»2019 Survey Year, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	2023 Survey Year							
Stream B-AC	0.1	11.68	0.11	B	0.9	18.70	0.49	C
Stream C-AB	0.0	5.25	0.01	A	0.0	5.91	0.03	A
	2019 Survey Year							
Stream B-AC	0.1	12.10	0.10	B	1.0	18.72	0.51	C
Stream C-AB	0.0	5.07	0.01	A	0.1	6.09	0.04	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	
Location	
Site number	
Date	17/01/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	MPPNET\RLee
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units
m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15
D2	2023 Survey Year	PM	ONE HOUR	15:30	17:00	15
D3	2019 Survey Year	AM	ONE HOUR	08:15	09:45	15
D4	2019 Survey Year	PM	ONE HOUR	15:30	17:00	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2023 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 11 - Church Road/Grove Road	T-Junction	Two-way		0.55	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	Church Road		Major
B	Grove Road		Minor
C	Church Road		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - Church Road	6.00			0.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B - Grove Road	One lane	2.50	20	16

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	467	0.085	0.215	0.135	0.307
1	B-C	602	0.092	0.233	-	-
1	C-B	574	0.222	0.222	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2023 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Church Road		✓	400	100.000
B - Grove Road		✓	34	100.000
C - Church Road		✓	341	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Church Road	B - Grove Road	C - Church Road
From	A - Church Road	0	19	381
	B - Grove Road	28	0	6
	C - Church Road	338	3	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Church Road	B - Grove Road	C - Church Road
From	A - Church Road	0	0	0
	B - Grove Road	0	0	0
	C - Church Road	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.11	11.68	0.1	B
C-AB	0.01	5.25	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	391	0.066	25	0.1	9.850	A
C-AB	4	690	0.005	4	0.0	5.245	A
C-A	253			253			
A-B	14			14			
A-C	287			287			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	372	0.082	30	0.1	10.547	B
C-AB	5	714	0.007	5	0.0	5.071	A
C-A	302			302			
A-B	17			17			
A-C	343			343			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	37	346	0.108	37	0.1	11.672	B
C-AB	7	750	0.009	7	0.0	4.843	A
C-A	369			369			
A-B	21			21			
A-C	419			419			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	37	346	0.108	37	0.1	11.682	B
C-AB	7	750	0.009	7	0.0	4.845	A
C-A	369			369			
A-B	21			21			
A-C	419			419			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	372	0.082	31	0.1	10.561	B
C-AB	5	714	0.007	5	0.0	5.071	A
C-A	302			302			
A-B	17			17			
A-C	343			343			

09:30 - 09:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	391	0.066	26	0.1	9.868	A
C-AB	4	690	0.005	4	0.0	5.245	A
C-A	253			253			
A-B	14			14			
A-C	287			287			

2023 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 11 - Church Road/Grove Road	T-Junction	Two-way		4.53	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2023 Survey Year	PM	ONE HOUR	15:30	17:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Church Road		✓	344	100.000
B - Grove Road		✓	169	100.000
C - Church Road		✓	204	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Church Road	B - Grove Road	C - Church Road
From	A - Church Road	0	79	265
	B - Grove Road	149	0	20
	C - Church Road	193	11	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Church Road	B - Grove Road	C - Church Road
From	A - Church Road	0	0	0
	B - Grove Road	0	0	0
	C - Church Road	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.49	18.70	0.9	C
C-AB	0.03	5.91	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

15:30 - 15:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	127	411	0.310	125	0.4	12.549	B
C-AB	11	620	0.017	11	0.0	5.909	A
C-A	143			143			
A-B	59			59			
A-C	200			200			

15:45 - 16:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	152	397	0.383	151	0.6	14.600	B
C-AB	14	630	0.022	14	0.0	5.840	A
C-A	170			170			
A-B	71			71			
A-C	238			238			

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	186	378	0.492	185	0.9	18.460	C
C-AB	18	644	0.028	18	0.0	5.747	A
C-A	207			207			
A-B	87			87			
A-C	292			292			

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	186	378	0.492	186	0.9	18.695	C
C-AB	18	644	0.028	18	0.0	5.747	A
C-A	206			206			
A-B	87			87			
A-C	292			292			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	152	397	0.383	153	0.6	14.836	B
C-AB	14	630	0.022	14	0.0	5.841	A
C-A	170			170			
A-B	71			71			
A-C	238			238			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	127	411	0.310	128	0.5	12.766	B
C-AB	11	620	0.017	11	0.0	5.909	A
C-A	143			143			
A-B	59			59			
A-C	200			200			

2019 Survey Year, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 11 - Church Road/Grove Road	T-Junction	Two-way		0.52	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2019 Survey Year	AM	ONE HOUR	08:15	09:45	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Church Road		✓	370	100.000
B - Grove Road		✓	31	100.000
C - Church Road		✓	379	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Church Road	B - Grove Road	C - Church Road
From	A - Church Road	0	9	361
	B - Grove Road	29	0	2
	C - Church Road	376	3	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Church Road	B - Grove Road	C - Church Road
From	A - Church Road	0	0	0
	B - Grove Road	0	0	0
	C - Church Road	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.10	12.10	0.1	B
C-AB	0.01	5.07	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	23	377	0.062	23	0.1	10.167	B
C-AB	4	715	0.005	4	0.0	5.064	A
C-A	282			282			
A-B	7			7			
A-C	272			272			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	28	358	0.078	28	0.1	10.901	B
C-AB	5	744	0.007	5	0.0	4.869	A
C-A	336			336			
A-B	8			8			
A-C	325			325			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	34	332	0.103	34	0.1	12.088	B
C-AB	7	786	0.009	7	0.0	4.619	A
C-A	410			410			
A-B	10			10			
A-C	397			397			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	34	332	0.103	34	0.1	12.097	B
C-AB	7	786	0.009	7	0.0	4.619	A
C-A	410			410			
A-B	10			10			
A-C	397			397			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	28	358	0.078	28	0.1	10.915	B
C-AB	5	744	0.007	5	0.0	4.871	A
C-A	336			336			
A-B	8			8			
A-C	325			325			

09:30 - 09:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	23	377	0.062	23	0.1	10.187	B
C-AB	4	715	0.005	4	0.0	5.066	A
C-A	282			282			
A-B	7			7			
A-C	272			272			

2019 Survey Year, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Junction 11 - Church Road/Grove Road	T-Junction	Two-way		4.74	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2019 Survey Year	PM	ONE HOUR	15:30	17:00	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Church Road		✓	363	100.000
B - Grove Road		✓	178	100.000
C - Church Road		✓	192	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A - Church Road	B - Grove Road	C - Church Road
From	A - Church Road	0	101	262
	B - Grove Road	142	0	36
	C - Church Road	175	17	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - Church Road	B - Grove Road	C - Church Road
From	A - Church Road	0	0	0
	B - Grove Road	0	0	0
	C - Church Road	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.51	18.72	1.0	C
C-AB	0.04	6.09	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

15:30 - 15:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	134	420	0.319	132	0.5	12.420	B
C-AB	16	607	0.027	16	0.0	6.090	A
C-A	128			128			
A-B	76			76			
A-C	197			197			

15:45 - 16:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	160	407	0.393	159	0.6	14.508	B
C-AB	21	615	0.033	21	0.0	6.056	A
C-A	152			152			
A-B	91			91			
A-C	236			236			

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	196	388	0.505	195	1.0	18.475	C
C-AB	27	626	0.043	27	0.1	6.011	A
C-A	184			184			
A-B	111			111			
A-C	288			288			

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	196	388	0.505	196	1.0	18.724	C
C-AB	27	626	0.043	27	0.1	6.015	A
C-A	184			184			
A-B	111			111			
A-C	288			288			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	160	407	0.393	161	0.7	14.752	B
C-AB	21	615	0.033	21	0.0	6.058	A
C-A	152			152			
A-B	91			91			
A-C	236			236			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	134	420	0.319	135	0.5	12.646	B
C-AB	16	607	0.027	16	0.0	6.091	A
C-A	128			128			
A-B	76			76			
A-C	197			197			

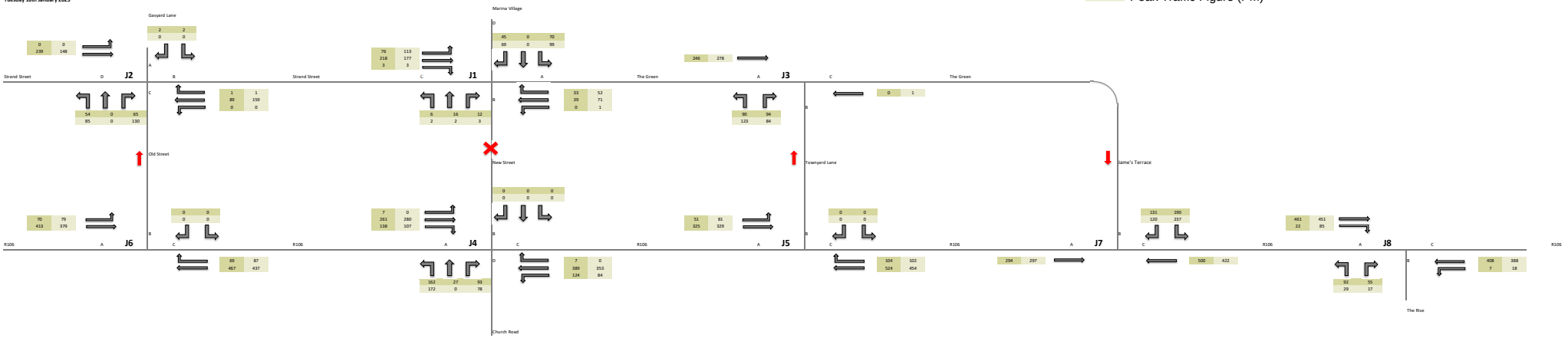
Appendix M Network Flow Diagrams

Existing Survey Data 2023

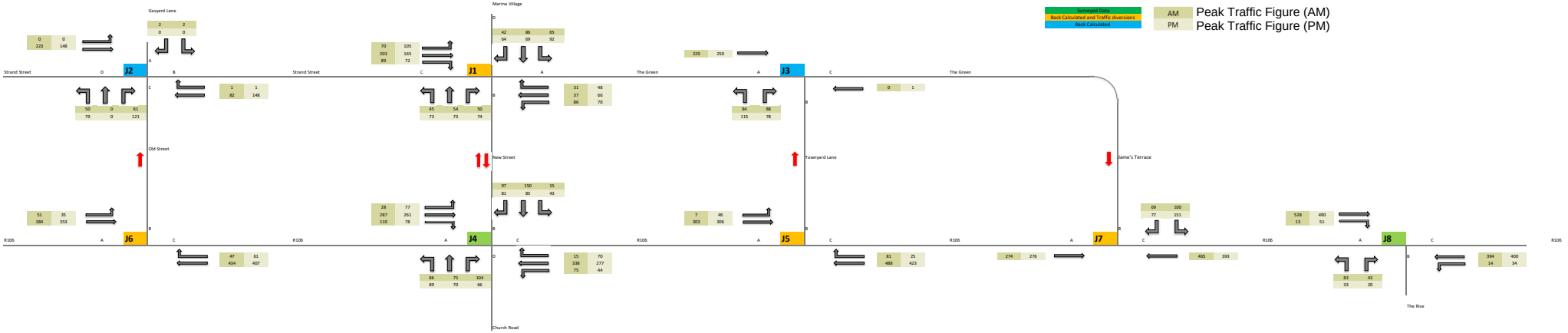
Date: **Tuesday 10th January 2023**

LEGEND:

AM	Peak Traffic Figure (AM)
PM	Peak Traffic Figure (PM)



2019 - Estimated and Actual Data

LEGEND:

Surveyed Data	
Back Calculated and Traffic diversions	
Back Calculated	
AM	Peak Traffic Figure (AM)
PM	Peak Traffic Figure (PM)