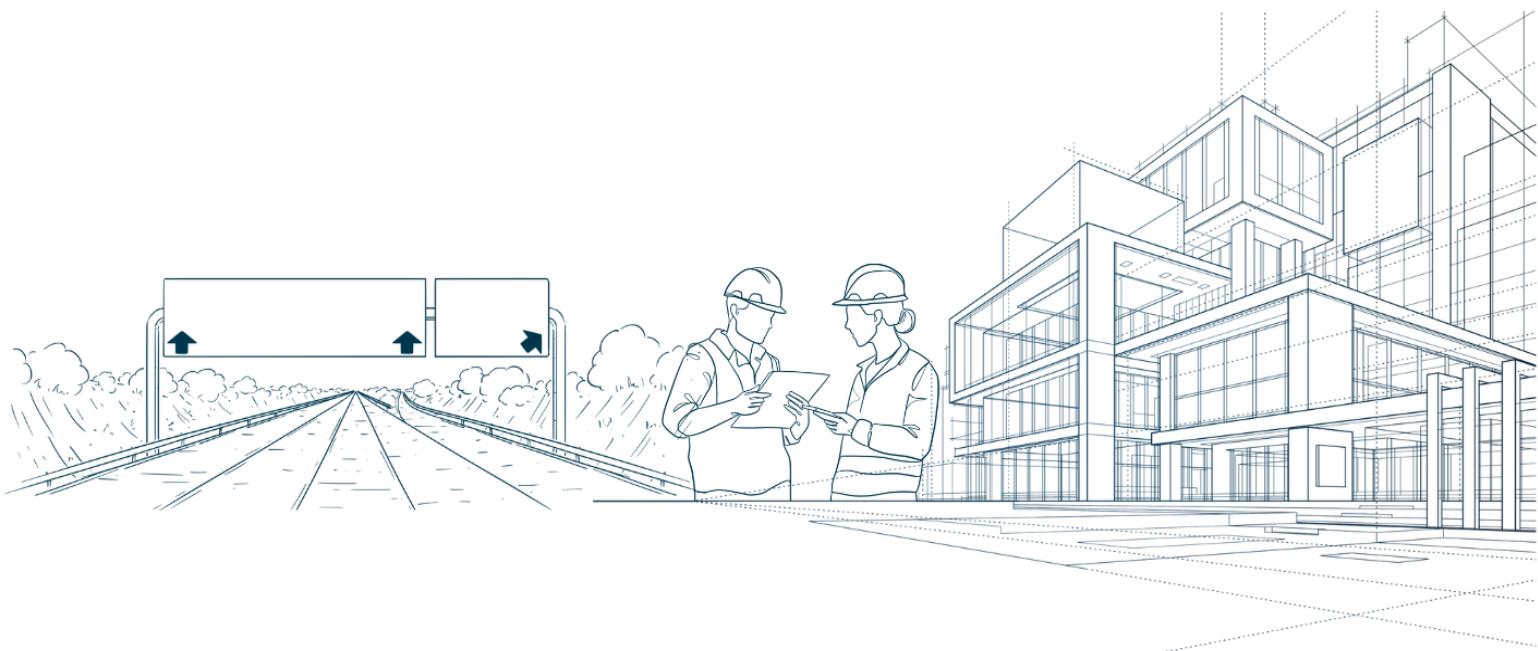**Document Title**

Traffic and Transport Statement

Project

Proposed Residential Development at Anglesea
Terrace, Old Station Road, Cork

Client

Land Development Agency on behalf of Cork City
Council

H105-CSC-ZZ-XX-RP-C-0003

Job No. H105

7 October 2025

CS CONSULTING
Civil, Structural & Traffic Engineering

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TRAFFIC AND TRANSPORT STATEMENT

PROPOSED RESIDENTIAL DEVELOPMENT AT ANGLESEA TERRACE, OLD STATION ROAD, CORK

CONTENTS

1.0   INTRODUCTION

Cronin & Sutton Consulting Engineers (CS Consulting) have been commissioned by Land Development Agency on behalf of Cork City Council to prepare a Traffic and Transport Statement (TTS) for a proposed residential development at Anglesea Terrace, Old Station Road, Cork.

In preparing this report, CS Consulting has made reference to the following:

- Cork City Development Plan 2022-2028
- The Institute of Highways and Transportation: Guidelines for Traffic Impact Assessments
- TII Traffic and Transport Guidelines (PE – PDV – 02045)
- Planning Design Standards for Apartments (Guidelines for Planning Authorities) 2025
- Sustainable Residential Development and Compact Settlements (Guidelines for Planning Authorities) 2024
- National Transport Authority (NTA) Cycle Design Manual (2023)
- NTA BusConnects

1.1   Site Location

The proposed development site is located along Old Station Road to the North, the South link Road bounds the site to the east and Anglesea Terrace is located to the south. The site is located in the administrative jurisdiction of Cork City Council.

Figure 1 – Location of subject lands
(sources: EPA, OSi, OSM Contributors, Google)

The location of the subject lands is shown in **Figure 1**; their extents and environs are shown in more detail in **Figure 2**.
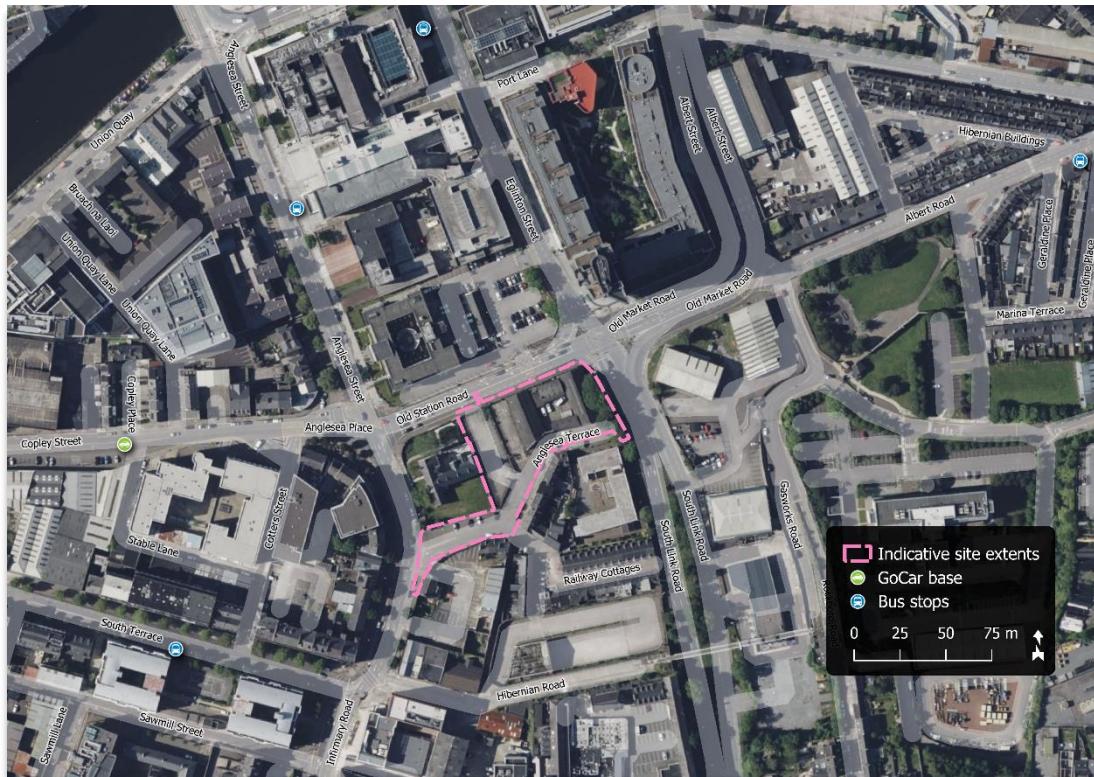
Figure 2 – Subject lands extents and environs
(sources: NTA, GoCar, OSi, OSM Contributors, Microsoft)

The development site is bound to the east by South Link Road, to the north by Old Station Road, to the west by existing building and to the south by Anglesea Terrace.

1.2 Existing Site Condition

The proposed development site comprises of existing buildings and hard standing area. There are existing surface level car parking spaces within the development site.

1.3 Description of Proposed Development

The development proposes the demolition of existing structures and construction of 147 no. residential units and 3 mixed-use units located at Anglesea Terrace, Old Station Road, Cork. Please refer to the description of development in the Architects Design Statement for further details.

2.0   RECEIVING ENVIRONMENT

2.1   Existing Traffic Flows
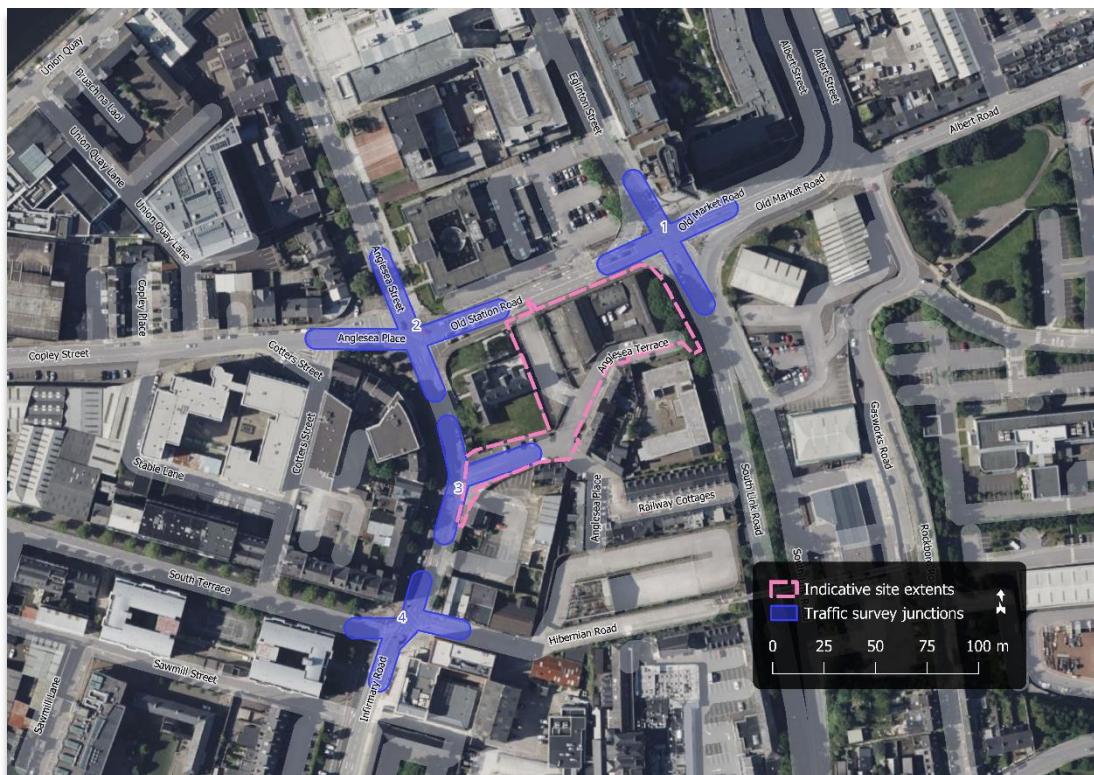
Figure 3 – Traffic Survey and Pedestrian Survey Locations
(map data and imagery sources: NTA, OSM Contributors, Google)

Full turning movement classified traffic counts were carried out by NDC, on behalf of CS Consulting, over a 14-hour period (06:00–20:00) for 3-days, Sunday the 22nd of September 2024, Monday the 23rd of September 2024, and Tuesday the 24th of September 2024.

Count information was obtained at the following 4no. junctions (see **Figure 3**):

J1. Eglinton Street (N)/ Old Station Road (W)/ South Link Road (S)/ Old Market Road (E)

(4-arm signal-controlled junction)

J2. Anglesea Street (N)/ Copley Street (W)/ Anglesea Street (S)/ Old Station Road (E)

(4-arm signal-controlled junction)

J3. Anglesea Street (N)/ Anglesea Street (S)/ Anglesea Terrace (E)

(3-arm priority junction)

J4. Anglesea Street (N)/ South Terrace (W) / Infirmary Road (S)/ Hibernian Road (E)

(4-arm staggered signalised junction)

2.2 Pedestrian Flow

Pedestrian survey was also carried out simultaneously along with the Junction Turning Counts (JTC's) survey at the same 4no. junctions mentioned in section 2.1. Pedestrian survey was also carried out for 3-days, Sunday the 22nd of September 2024, Monday the 23rd of September 2024, and Tuesday the 24th of September 2024.

The recorded pedestrian movements at each of the surveyed junctions during the peak hours have been isolated from the count data. These total pedestrian peak hour movements are given in **Table 1**.

Time Period	Total Pedestrian Movements			
	Site 1	Site 2	Site 3	Site 4
AM Peak (08:45-09:45)	179	680	422	696
PM Peak (16:00-17:00)	371	694	372	535

Table 1 - Total Existing Peak Hour Pedestrian Movements at Surveyed Junctions

The peak hour pedestrian movements across four survey sites were found to be between 08:45 and 09:45 (AM peak hour) and between 16:00 and 17:00 (PM peak hour). The peak hour pedestrian movements in each surveyed site are listed below.

Site 1	Arm A		Arm B		Arm C		Arm D	
	E-B	W-B	N-B	S-B	E-B	W-B	N-B	S-B
AM PEAK	39	24	1	0	23	20	40	32
PM PEAK	86	92	0	1	23	23	58	88

Table 2 – Site 1 Peak Hour Pedestrian Movements

Site 2	Arm A		Arm B		Arm C		Arm D	
	E-B	W-B	N-B	S-B	E-B	W-B	N-B	S-B
AM PEAK	81	50	194	167	10	21	100	57
PM PEAK	95	51	200	121	4	21	82	120

Table 3 – Site 2 Peak Hour Pedestrian Movements

Site 3	Arm A		Arm B		Arm C	
	E-B	W-B	E-B	W-B	N-B	S-B
AM PEAK	13	17	194	167	10	21
PM PEAK	15	11	200	121	4	21

Table 4 – Site 3 Peak Hour Pedestrian Movements

Site 4	Arm A		Arm B		Arm C		Arm D	
	E-B	W-B	N-B	S-B	E-B	W-B	N-B	S-B
AM PEAK	61	88	160	190	14	15	84	84
PM PEAK	78	60	166	76	20	10	69	56

Table 5 – Site 4 Peak Hour Pedestrian Movements

2.3 Existing Road Network Characteristics

2.3.1 Old Station Road

- Dual carriageway road with a pavement width of 12m along the northern boundary of the subject site.

- Old Station Road has an east-west alignment, connecting to Old Market Road in the east and to Copley Street in the west.

- Raised footpaths are present on both sides along Old Station Road.

- No bus lanes or cycle tracks are present along Old Station Road in the vicinity of the development site.

- Subject to a 50 km/h speed limit.

- On-street parking is prohibited along the Old Station Road.

2.3.2 Anglesea Street (R610)

- Dual carriageway one-way road with a total pavement width of 14.5 meters, including 4.4 meters of parking spaces on either side of the Anglesea street.

- Anglesea Street has a north-south alignment, connecting to Parnell Bridge in the north and to Infirmary Road in the south.

- Raised footpaths are present on both sides along Anglesea Street.

- No bus lanes are present along Anglesea Street.

- Segregated two-way cycle lanes are present along western side of Anglesea Street in the vicinity of the development site.

- Subject to a 50 km/h speed limit.

- On-street parking is permitted along Anglesea Street.

2.3.3 Anglesea Terrace

- Single carriageway road with a pavement width of 10m along the southern boundary of the subject site.

- Local access cul de sac, approx. 130m in length, extending east from Anglesea Street.

- Raised footpaths are present on both sides along Anglesea Terrace.

- On-street parking is permitted along Anglesea Terrace.

2.4 Pedestrian Accessibility

Existing pedestrian facilities along Old Station Road, Anglesea Street and all other streets in the vicinity of the development site are in good conditions. Raised footpaths and public lighting are in place on all roads in the vicinity of the subject development. As shown in **Figure 4** the development site benefits from proximity to the various public transport services.
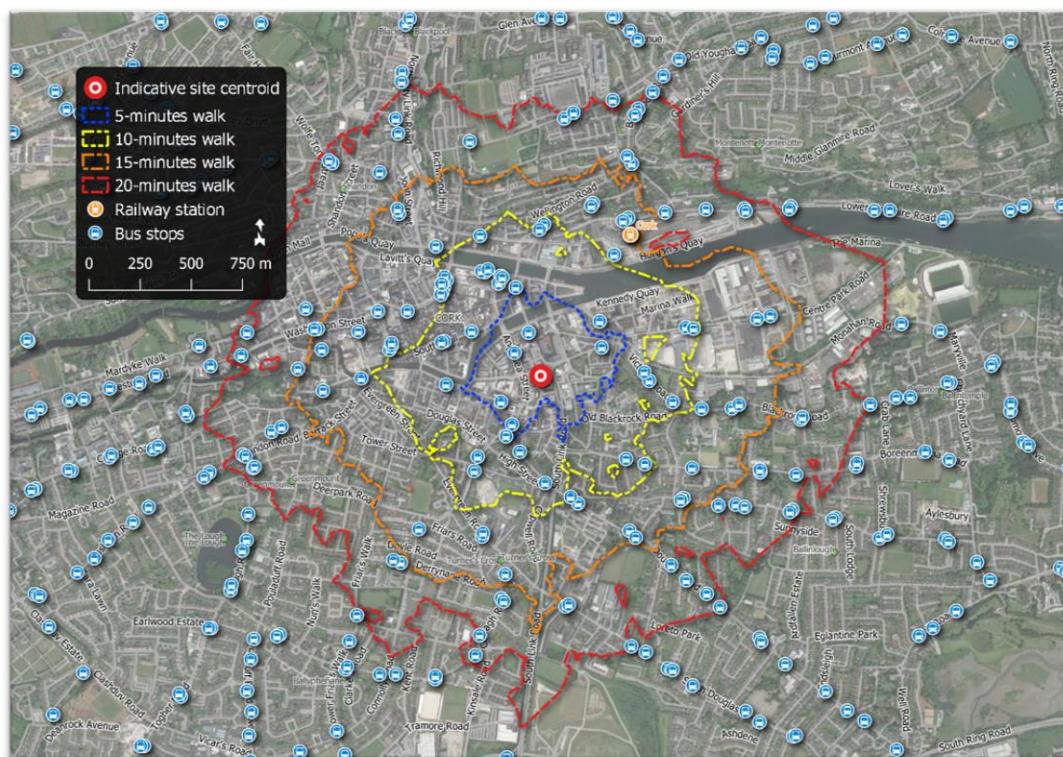
Figure 4 – Walking times and public transport accessibility.
(map data and imagery: NTA, Iarnród Éireann, OSM Contributors, Google, QGIS)

The proposed development site is located within 5 minutes walking distance from 4no. high-frequency bus stops and within 10 minutes walking distance of Cork City Centre. In addition, the development site is located within 10-minute walking distance of Parnell Place Bus Station and within 15-minute walking distance of Cork Railway Station.

2.4.1 Bus Services

Bus stops located within a 5-minutes' walk of the development site are served by 14no. bus routes, which connects it to Cork city centre and to Cork's eastern, western and northern suburbs.

Table 6 – Bus Services within 5-minute Walk of Site

Route No.	Operator	Destinations	Weekday Services [1]	Peak Interval
203	BusÉireann	Manor Farm to Parklands Dr. via Grand Parade	45	20 mins
206	BusÉireann	Grange to South Mall via Douglas West	58	10 mins
207	BusÉireann	Donnybrook to Glenheights via St Patrick St	34	15 mins
209A	BusÉireann	St. Patrick St - Friars Walk - Pouladuff - Ballyphehane	2	n/a
215	BusÉireann	Mahon Point to Cloghroe via Blarney	34	25 mins
215A	BusÉireann	City Centre - Boreenmanna Rd - Mahon Point	24	30 mins
216	BusÉireann	CUH to Monkstown via Grand Parade	36	20 mins
220	BusÉireann	Ovens (Dell) to Carrigaline /Fort Camden via Ballincollig	78	15 mins
220X	BusÉireann	Ovens to Crosshaven via South Mall	13	60 mins
223	BusÉireann	South Mall to Ringaskiddy via Monkstown	31	30 mins
223X	BusÉireann	South Mall to Haulbowline via Ringaskiddy Pfizer	2	n/a
202	BusÉireann	Mahon Point to Hollyhill via Skehard Rd	47	20 mins
202A	BusÉireann	Mahon Point to Hollyhill via Ringmahon	46	20 mins
212	BusÉireann	Kent Station to Mahon Point via Blackrock Rd	17	60 mins

2.4.2 Railway Services

Cork Railway Station is located within 15 minutes walking distance from the development site. Intercity rail services operating to and from Cork railway station connect the development directly to many towns and cities such as Dublin, Waterford, Galway, and Limerick.

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[1] Average number of services per day in each direction, Monday-Friday

2.5 Public Transport Capacity

2.5.1 Peak bus capacity

As previously described, bus stops within a five-minute walk of the development are served by 14 bus routes, providing strong connectivity to Cork City Centre as well as the eastern, western and northern suburbs. Of these, the key routes services are summarised in **Table 7.**

Assuming an average bus capacity of 90 passengers (based on Bus Éireann's typical double-decker fleet), the total AM peak bus capacity available within walking distance of the site is approximately 3,096 passengers per hour. The PM peak bus capacity is expected to be similar to that of the AM peak, and therefore no separate table is presented.

Bus Route	Peak Interval (min)	Buses/hr	Capacity per hr (90 passengers/bus)
202	20	3	270
202A	20	3	270
203	20	3	270
206	10	6	540
207	15	4	360
212	60	1	90
215	25	2	216
215A	30	2	180
216	20	3	270
220	15	4	360
220X	60	1	90
223	30	2	180
Total			**3,096**

Table 7: Bus capacities from the development

2.5.2 Peak rail capacity

Commuter rail services in the Cork area are most commonly operated using 29000 Class DMU (Diesel Multiple Unit) 4-car sets, which can be coupled together to form a maximum 8-piece train. Each 4-car set has a maximum capacity of approx. 280no. passengers (185no. seated and approx. 95no. standing), giving a typical maximum train capacity of approx. 560no. passengers. However, the NTA National Rail Census report for 2022 recorded a maximum commuter train loading of 635no. passengers on the survey day of 10th November 2022. Accordingly, for the purposes of estimating peak hour commuter rail capacity, a maximum capacity per train of 650no. passengers has been assumed.

Kent station, which is within 15min walking distance of the proposed development, is served by the following trains in an AM peak period from 8:00 to 09:00:

- 1no. Dublin Heuston – Cork (directs)

- 3no. Dublin Heuston - Cork (all intermediate stations)

- 4no. Mallow - Cobh and Midleton

- 1no. Waterford – Clonmel – Limerick Junction (Connections with Dublin, Cork, Limerick and Galway)

On this basis, the AM peak period capacity of the existing rail services from Kent station is estimated at 5,850no. passengers per hour.

During the PM peak period (17:00–18:00), Kent Station is served by the following trains:

- 1no. Dublin Heuston – Cork (directs)

- 2no. Dublin Heuston - Cork (all intermediate stations)

- 2no. Mallow - Cobh and Midleton

- 1no. Waterford – Clonmel – Limerick Junction (Connections with Dublin, Cork, Limerick and Galway)

The PM peak period capacity of the existing rail services from Kent station is estimated at 3,900no. passengers per hour.

Accordingly, the total public transport capacity available during the AM and PM peak hours are summarised as **Table 8** and **Table 9** below.

Transport Mode	Maximum One-Way Capacity (passengers)
Bus	3,096
Rail	5,850
Total	**8,946**

Table 8 - Relevant Weekday AM Peak Hour Public Transport Capacities from Development

Transport Mode	Maximum One-Way Capacity (passengers)
Bus	3,096
Rail	3,900
Total	**6,996**

Table 9 - Relevant Weekday PM Peak Hour Public Transport Capacities from Development

2.6   Contribution to Public Transport Services Demand

The subject development comprises 147no. residential apartments (excluding commercial units). TRICS data for similar residential developments (including in **Appendix B**) indicates that, on average, 3.6 person trips (by all modes of transport) are made to and from each such

residential unit on a typical weekday between 07:00 and 19:00. The development therefore has the potential to generate the following person trips during this time range:

- 529no. departures
- 529no. arrivals

Hour of the Day	Proportion of Arrival Trips	Proportion of Departure Trips
07:00 -08:00	3.1%	14.9%
08:00 -09:00	**4.7%**	**18.6%**
09:00 – 10;00	5.4%	6.2%
10:00 – 11:00	5.4%	5.3%
11:00 – 12:00	5.1%	5.3%
12:00 – 13:00	8.0%	8.3%
13:00 – 14:00	7.0%	6.6%
14:00 – 15:00	6.1%	6.6%
15:00 – 16:00	10.6%	4.8%
16:00 – 17:00	12.7%	6.5%
17:00 – 18:00	**16.7%**	**8.3%**
18:00 -19:00	15.3%	8.8%

Table 10 - TRICS Person Trip Time Distribution Proportions

Table 11 applies this time distribution proportions to the development's projected total person trip generation between 07:00 -19:00.

Hour of the Day	Proportion of Arrival Trips	Proportion of Departure Trips
07:00 -08:00	17	78
08:00 -09:00	**25**	**98**
09:00 – 10:00	28	33
10:00 – 11:00	29	28
11:00 – 12:00	27	28
12:00 – 13:00	42	44
13:00 – 14:00	37	35
14:00 – 15:00	32	35
15:00 – 16:00	56	25
16:00 – 17:00	67	34
17:00 – 18:00	**88**	**44**
18:00 -19:00	81	47
Total	**529**	**529**

Table 11 - Person Trip Time Distribution for Proposed Development

During the relevant peak hours for public transport demand, the proposed development is projected to generate:

- 98no. departure trips and 25no. arrival trips in the Mid peak (08:00 – 09:00)

- 44no. departure trips and 88no. arrival trips in the PM peak (17:00 – 18:00)

The initial modal split targets for the proposed development, discussed in further detail in the accompanying Mobility Management Plan, are as follows:

Mode	Assumed Starting Proportion of Trips	Suggested Initial MMP Targets
Driving a Car	0%	0%
Passenger in a Car	0%	0%
Bicycle	20%	22%
Motorcycle	0%	0%
Bus	20%	22%
Train or Tram	9%	10%
Walking	40%	42%
Work From Home	11%	4%
TOTAL	100%	100%

Table 12 - Initial Target Modal Splits for Development Occupants

Applying these initial modal split targets, the development may therefore be expected to generate the following maximum possible public transport demand during each weekday peak hour:

Public Transport Mode	Departure Trips	Arrival Trips
AM Peak Hour (08:00-09:00)		
Bus	22	6
Train	10	3
PM Peak Hour (17:00-18:00)		
Bus	10	19
Train	4	9

Table 13 - Proposed Development Peak Hour Public Transport Demand

In the context of the proposed development's potential impact upon existing public transport services, only the following are considered relevant:

- Departure trips in the AM peak hour – assumed all to be made in the 'inbound' direction, towards Cork city centre

- Arrival trips in the PM peak hour – assumed all to be made in the 'outbound' direction, away from Cork city centre

Table 14 and Table 15 compare these public transport demand figures against the approximate existing train and bus services capacities in the immediate vicinity of the subject development for both the AM peak hour and the PM peak hour.

Public Transport Type	Approx. Total Inbound Service Capacity (passengers)	Inbound Development Demand (passengers)	Demand as Proportion of Capacity
Bus	3,096	22	0.71%
Train	5,850	10	0.17%
Total	**8,946**	**32**	**0.36%**

Table 14 - Maximum Public Transport Demand – AM Peak Inbound

Public Transport Type	Approx. Total Inbound Service Capacity (passengers)	Outbound Development Demand (passengers)	Demand as Proportion of Capacity
Bus	3,096	19	0.61%
Train	3,900	9	0.23%
Total	**6,996**	**28**	**0.40%**

Table 15 - Maximum Public Transport Demand – PM Peak Outbound

The above is to be considered 'worst-case scenario' figures, as they assume that:

- all public transport users departing the development in the AM peak will travel into Cork city centre.
- all public transport users arriving to the development in the PM peak will travel from Cork city centre.

It is therefore concluded that the existing public transport service capacity is sufficient to meet the demands of the proposed development, and that the proposed development is not expected to contribute significant additional service demand. It is further noted that, in the event that additional public transport capacity is required on services in proximity to the subject development site, this can be provided by means of increased frequency on the existing services. Such a decision would be made on the basis of observed demand, of which regular monitoring is undertaken by the National Transport Authority.

2.7   Bicycle Infrastructure

Cycle lanes are present along the western side of Anglesea Street in the vicinity of the proposed development. As mentioned in sub-section 3.1 NTA is proposing urban primary and urban secondary cycle routes in the close vicinity of the development site.
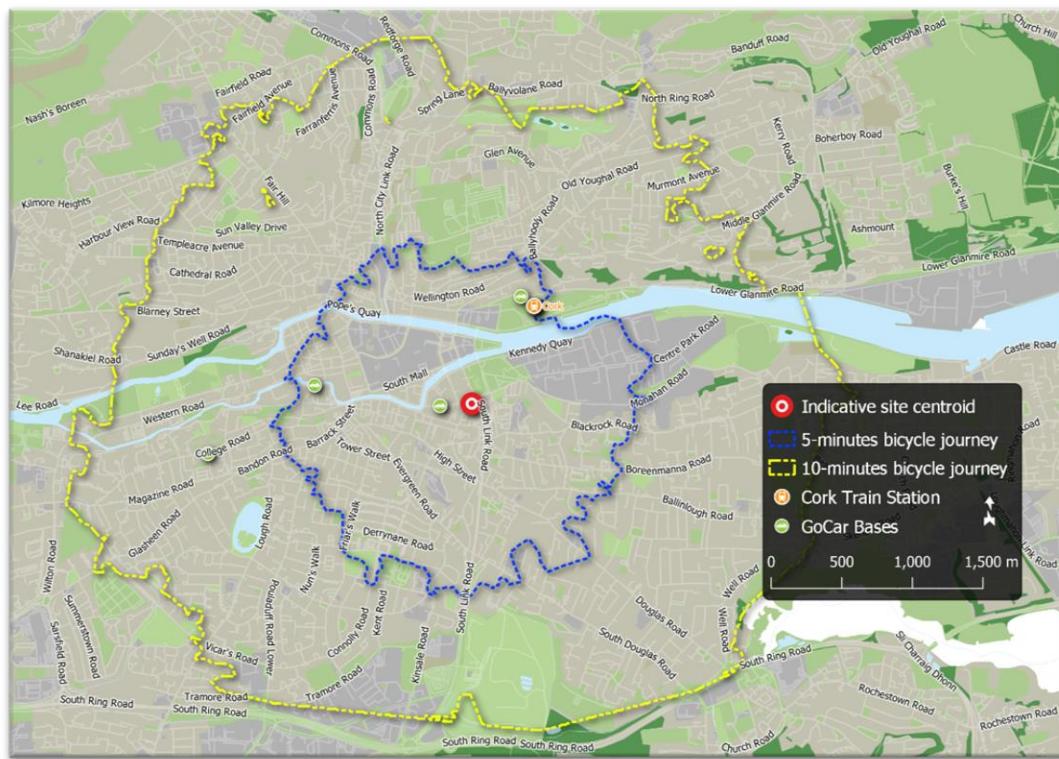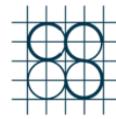
Figure 5 – Bicycle journey times and public transport facilities.
(map data and imagery: NTA, OSM Contributors, Google, QGIS)

As shown in **Figure 5**, the proposed development site is within 5-minutes bicycle journey of Cork City Centre and is within easy reach of numerous GoCar bases and Cork train Station.

3.0 PROPOSED FUTURE INFRASTRUCTURAL IMPROVEMENTS

3.1 NTA Cycle Network

As part of the Cycle Connects for the Cork County, administered by the National Transport Authority, it is proposed that an Urban Primary route be implemented along Anglesea Street to the west of the development site and an Urban Secondary route along East Albert Quay to the north of the development site. No further information is available at present regarding the delivery timeframe or detailed design of these proposed cycle network improvements. See **Figure 6** below.
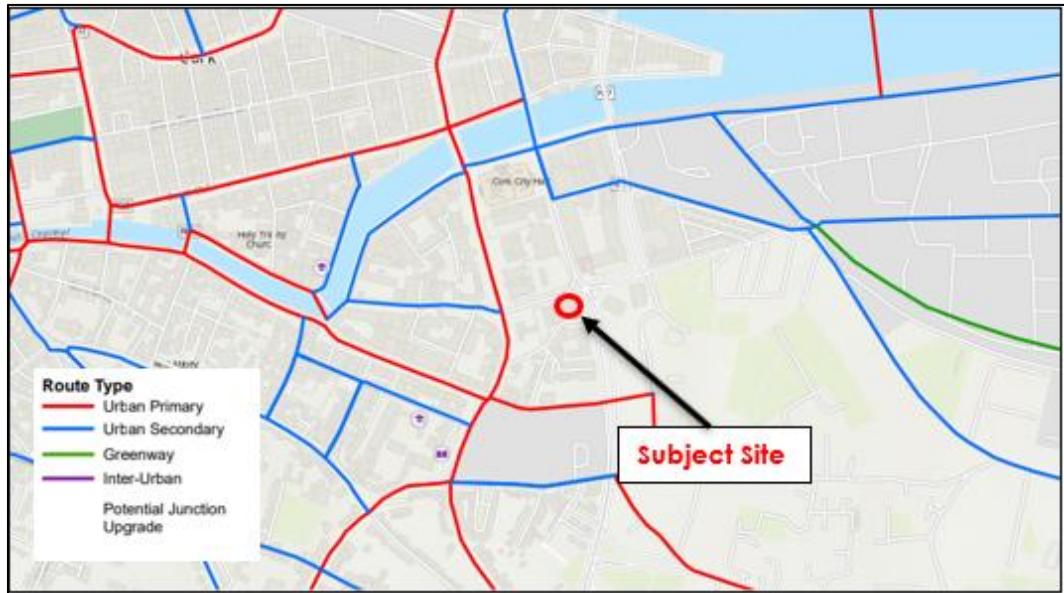
Figure 6 – Proposed NTA Cycle Network Plan
(map data & imagery: OSI, OSM Contributors, Google)

3.2   BusConnects

Under the NTA BusConnects Cork project, bus route no. 1 (Ovens (Dell EMC) to Mahon Point) and bus route no. 3 (Carrigaline PCC to Apple) are proposed to run along Old Station Road along the northern boundary of the development site and shall have a midday frequency of 10 mins. It is also proposed that bus route no. 4 (Lehenaghmore to Mahon Point) shall also run along Old Station Road along the northern boundary of the development site, with a midday frequency of 15 mins. No further information is available at present regarding the delivery timeframe or detailed design of these proposed improvements.
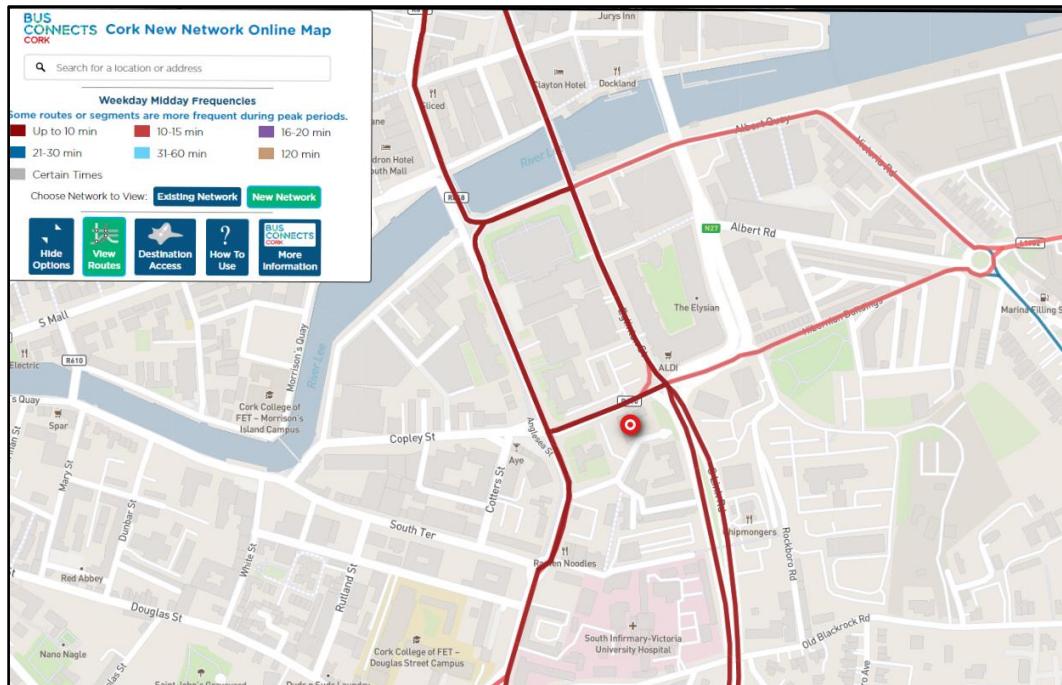
Figure 7 – Cork Bus Connects Proposals.

(map data & imagery: OSI, OSM Contributors, Google)

3.3   Cork Luas
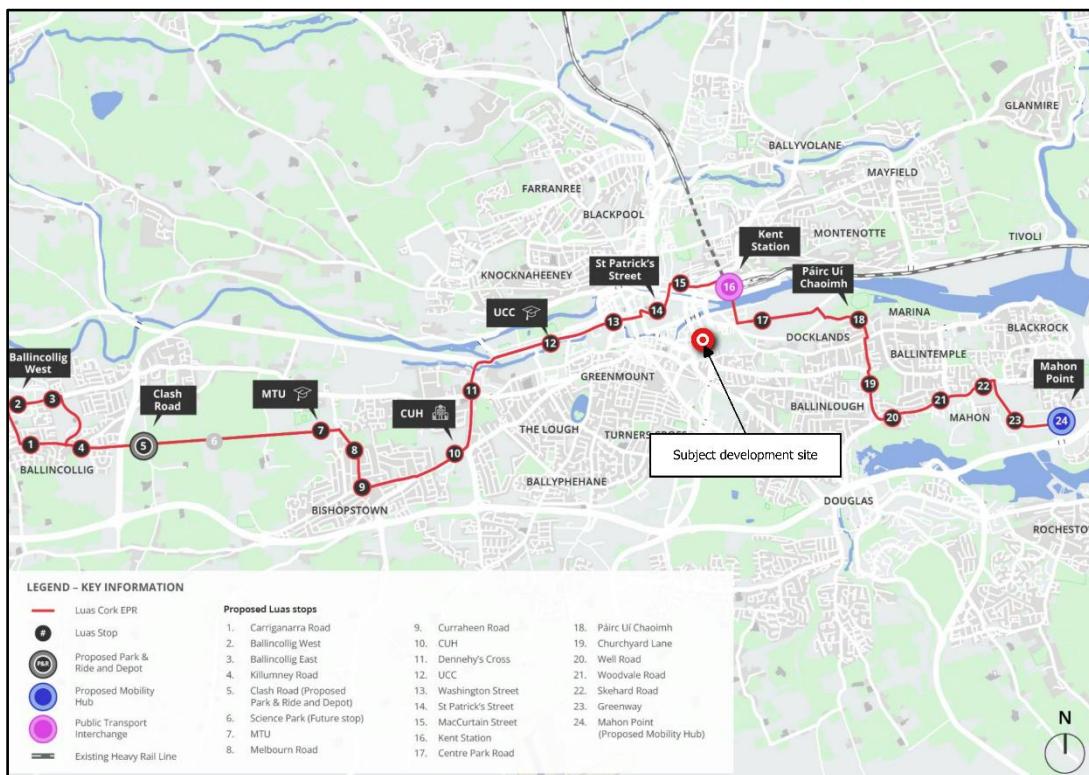
Figure 8 – Cork Luas Proposals

(source: www.luascork.ie)

A preliminary proposal has been announced for an 18 km east–west Luas line in Cork, comprising 24 stops and running from Mahon Point to Ballincollig. The proposed route is designed to serve several key destinations, including Páirc Uí Chaoimh, Kent Station, the city centre, University College Cork (UCC), Cork University Hospital (CUH), and Munster Technological University (MTU) Bishopstown.

Two of the proposed Luas stops: MacCurtain Street and Central Park Road, form part of the Emerging Preferred Route and are located within a 10-minute walking distance of the subject development site (refer to **Figure 8**).

As the proposed route is currently at the Emerging Preferred stage, it is anticipated that modifications may be made as the project advances through further design and consultation phases. A non-statutory public consultation on the draft alignment is currently underway. At this time, no additional details regarding the project timeline or final design have been released.

3.4   Local Authority Development Plan

Cork City Council (CCC) Development Plan 2022-2028 does not indicate any other infrastructure related improvements works in the close proximity of the development site.

4.0   TRAFFIC GENERATION

It is not proposed to provide any car parking spaces within the proposed development; therefore, the development is not anticipated to generate any additional vehicular traffic volume along the surrounding road network. approach aligns with the goal of promoting sustainable transport modes and minimizing the impact on local road networks. Please refer to sub section **5.1** for detailed justification.

The TII Traffic and Transport Assessment Guidelines (PE-PDV-02045) advise that Transport Assessments should generally be applied where traffic to and from a development is predicted to exceed 10% of the existing background traffic on the adjoining road (or 5% at sensitive locations). As the proposed development will not result in any increase in vehicular traffic volumes, these thresholds are not triggered. Accordingly, no further traffic impact assessment is required.

5.0   PARKING

5.1   Justification for Car Parking Proposal

The *Planning Design Standards for Apartment (Guidelines for Planning Authorities), published by the Department of Housing, Local Government and Heritage* in 2025, which supersede the *Sustainable Urban Housing: Design Standards for New Apartments (Guidelines for Planning Authorities) 2023*, gives the following guidance on the provision of residential car parking spaces:

'The availability of car parking has a critical impact on travel choices for all journeys, including local trips. The provision of car parking can also add significant cost to the development of apartment schemes, and in particular where the ratio of parking necessitates a podium or basement car park. *Having regard to the types of location in cities and towns that may be suitable for apartment development, car parking ratios should be minimised, substantially reduced or wholly eliminated at locations that have good access to urban services and to public transport. Maximum car parking rates are set out in Section 5.25 (SPPR 3) of the Sustainable Residential Development and Compact Settlements Guidelines for Planning Authorities (SRDCSGs). These rates are graduated based on proximity to centres and accessibility to public transport services (refer also to Table 3.8: Accessibility of the SRDCSGs).*'

Under the Sustainable Residential Development and Compact Settlement Guidelines 2024, Anglesea Terrace and Old Station Road are designated as *'City – Centre Area'* and is defined as:

'The city centres of Dublin and Cork, comprising the city core and immediately surrounding neighbourhoods, are the most central and accessible urban locations nationally with the greatest intensity of land uses, including higher order employment, recreation, cultural, education, commercial and retail uses. It is a policy and objective of these Guidelines that residential densities in the range 100 dph to 300 dph (net) shall generally be applied in the centres of Dublin and Cork.'

With regard to car parking, the Guidelines state that **'Car parking ratios should be reduced at all urban locations, and should be minimised, substantially reduced or wholly eliminated at locations that have good access to urban services and to public transport.'** (Page 58).

Under Table 3.8 of the Guidelines (page 30), Anglesea Terrace and Old Station Road are classified as a 'High Capacity Public Transport Node or Interchange' which is defined as:

- Lands within 1,000 metres (1km) walking distance of an existing or planned high capacity urban public transport node or interchange, namely an interchange or node that includes DART, high frequency Commuter Rail, light rail or MetroLink services; or locations within 500 metres walking distance of an existing or planned BusConnects 'Core Bus Corridor stop.

- Highest densities should be applied at the node or interchange and decrease with distance.

- Planned public transport' in these Guidelines refers to transport infrastructure and services identified in a Metropolitan Area Transport Strategy for the five cities and where a public authority (e.g. National Transport Authority, Transport Infrastructure Ireland or Irish Rail) has published the preferred route option and stop locations for the planned public transport.

The guidelines have introduced 4 no. Specific Planning Policy Requirements (SPPR's) with regard to SPPR 1 Separation Distances; SPPR 2 Private Open Space; SPPR 3 Car Parking; and SPPR 4 Cycle Parking.

Under SPPR 3, the Guidelines that state for locations in city centres and urban neighbourhoods, '*car-parking provision should be minimised, substantially reduced or wholly eliminated. The maximum rate of car parking provision for residential development at these locations, where such provision is justified to the satisfaction of the planning authority, shall be 1 no. space per dwelling.*'

In addition, Section 11.240 of CCC Development Plan 2022 – 2028 states that "In locations where there is existing and/ or planned high frequency public transport accessibility (as per CMATS and Bus Connects Cork) and where the receiving road/ street network currently experiences congestion, Cork City Council will require a reduction in parking provision below the maximum standards as presented in Table 11.13 of CCC Development Plan 2022- 2028. Applicants will be required to justify the level of parking through the preparation of robust assessments, including traffic and transport impact assessment/ statement accounting for the receiving environment (including its local character), proposed transport infrastructure, the extent of parking in the general vicinity (including precedents for the application for reduced parking standards) and the potential impact on the local street/ road network.

As detailed in section 2.2 of this report, the proposed development site is located within 10-minutes walking distance of Cork City Centre and within 5 minutes walk of number of existing high frequency bus services.

Under the NTA BusConnects Cork project, bus route no. 1 (Ovens (Dell EMC) to Mahon Point) and bus route no. 3 (Carrigaline PCC to Apple) are proposed to run along Old Station Road along the northern boundary of the development site and shall have a midday frequency of 10 mins. It is also proposed that bus route no. 4 (Lehenaghmore to Mahon Point) shall also run along Old Station Road along the northern boundary of the development site, with a midday frequency of 15 mins.

In addition, two of the proposed Luas stops under Cork Luas proposals: MacCurtain Street and Central Park Road, form part of the Emerging Preferred Route and are located within a 10-minute walking distance of the subject development site

Hence, the proposed development is considered as an appropriate candidate to wholly eliminate car parking, in accordance with the guidelines set out by the Department of Housing, Local Government and Heritage and CCC Development Plan 2022 - 2028. No parking provision within the proposed development shall also support planning objectives of encouraging a shift to more sustainable modes of transport.

It is also worth noting that as there are no car parking spaces proposed, therefore, there is no requirement to provide disabled car parking spaces/EV Charging spaces.

5.2   Bicycle Parking

It is worth noting that due to the proposal that there will be no car parking provided for the proposed development, the bicycle cycle parking numbers is well above the minimum standards mentioned in the CCC Development Plans to promote active travelling and to promote active modal splits of residents travelling to/ from the development site by bicycles as shown in **Table 16**.

The bicycle parking standards shall be in line with the standards mentioned in *Planning Design Standards for Apartment (Guidelines for Planning Authorities), published by the Department of Housing, Local Government and Heritage* in 2025. It is also worth noting that the guidelines also allows for a relaxation for urban infill sites of up to 0.25ha, such as this development site.

As per the CCC Development Plan 2022-2028 and the policy document *Planning Design Standards for Apartment (Guidelines for Planning Authorities), published by the Department of Housing, Local Government and Heritage* in 2025, the <u>minimum</u> standard bicycle parking provision for the proposed development are given in **Table 16** and **Table 17** below.

Land Use (Zone 1)	Element	Standard	Quantum	Minimum Provision	Proposed Provision
Apartment	Long-stay	1 space per unit	147 units	147no. space	147no. spaces
	Short-stay	n/a	147 units	n/a	26no. spaces
Café/Restaurant	-	1 Per 200m² GFA	51.8m²	1no. space	1no. spaces
Offices	-	1 Per 250m² GFA	160.3m²	1no. space	1no. space
Total				149no.space	175no.spaces

Table 16 - Bicycle Parking Requirements
(Source: CCC Development Plan 2022-2028)

Land Use (Zone 1)	Element	Standard	Quantum	Minimum Provision	Proposed Provision
Apartment	Long-stay	1 space per bedroom	222 bedrooms	222no. spaces	147no. spaces
	Short-stay	Visitor cycle spaces should be provided			26no. spaces
Café/Restaurant	-	n/a	51.8m²	1no. space	1no. spaces
Offices	-	n/a	160.3m²	1no. space	1no. space
Total				224no.space	175no.spaces

Table 17 - Bicycle Parking Requirements
(Source: Planning Design Standards for Apartment 2025)

147no. bicycle spaces shall be provided within a safe and secure storage area located within the northern boundary on the ground floor of the proposed development, 28no. bicycle spaces in the form of Sheffield stands shall be provided along the western boundary of the site to serve the residents and visitors of the residential units, the café/restaurant unit and retail/office units.

6.0 LAYOUT, PEDESTRIANS & CYCLISTS, SERVICING, PUBLIC TRANSPORT

6.1 Pedestrians & Cyclists

2no. pedestrian accesses shall be provided for the proposed development, 1no. pedestrian access shall be via Old Station Road to the north of the development site and the other pedestrian access shall be via Anglesea Terrace to the south of the development site.

Cyclists shall access the development site via Old Station Road, which further provides access to the proposed bicycle storage area within the development. An additional cyclist access point is also proposed to be provided along the north-western boundary which shall provide direct access to the bicycle storage area and can be accessed via Anglesea Terrace.

The visitor cycle spaces shall be located along the western boundary of the site and shall be accessed via Anglesea Terrace.

147no. bicycle spaces shall be provided within a safe and secure storage area located within the northern boundary on the ground floor of the proposed development, 28no. visitor bicycle spaces in the form of Sheffield stands shall be provided along the western boundary of the site.

It is worth noting that the present application caters for the upgrade works to the existing footpath along Old Sation Road along the northern boundary of the development site. The upgraded footpath shall have a width of 2.4m. In addition, to upgrade works, it is also proposed to provide a new 1.8m footpath along the eastern boundary of the development site along South Link Road. The upgraded footpath and the proposed footpath shall be in accordance with *Design Manual for Urban Roads and Streets (DMURS)*.

The upgraded footpath along Old Station Road and the proposed new footpath along South Link Road shall cater for any additional pedestrian flow that shall be generated by the proposed development.

6.2 Bicycle Infrastructure

Cycle lanes are present along the western side of Anglesea Street, approx. 100m west of the development site.

The development site is within a 5-minute bicycle journey of Cork Train Station, as shown in **Figure 5.**

6.3 Development Servicing and Waste Collection

The collection of municipal waste generated by the proposed development shall be conducted at kerbside along Anglesea Terrace, in the same manner as existing premises on this street. Refuse bins shall be collected by the waste contractors directly from the development's internal bin stores and promptly returned to the bin stores after collection.

Upon completion of the development, a Management Company shall be constituted, with the remit to provide and maintain common areas and communal facilities within the development, including all waste collection and segregation facilities. The Management Company shall prepare an Operational Waste Control Strategy for the development, which shall detail specific operational arrangements for these.

6.4 Swept Path Analyses

Swept path analyses have been carried out for a refuse vehicle, service vans, and a fire tender accessing the development. These analyses, provided on drawing **H105-CSC-ZZ-XX-DR-C-0002-0005** within this planning application, indicate that the design of the development can accommodate these vehicle movements where required.

7.0 QUALITY AUDIT RESPONSE

Please refer to Quality Audit Response document which has been prepared under separate cover and submitted with this planning application.

8.0 SUMMARY

The main observations and conclusions of this study are as follows:

- The subject site is located along Old Station Road, Anglesea Terrace, Cork, within the administrative jurisdiction of Cork City Council.
- Full turning movement traffic counts were conducted by NDC, on behalf of CS Consulting, over a 14-hour period (06:00–20:00) for three days, including Sunday the 22nd of September 2024, Monday the 23rd of September 2024, and Tuesday the 24th of September 2024. Simultaneously, pedestrian surveys were carried out at the same four junctions referenced in Section 2.1. Peak pedestrian movements were identified between 08:45–09:45 (AM peak) and 16:00–17:00 (PM peak) on Tuesday the 24th of September 2024, with detailed counts provided in Section 2.2.
- The development benefits from excellent public transportation. The development site is within a 5-minute walk of four high-frequency bus stops, a 10-minute walk of Cork City Centre, and a 15-minute walk of Cork Railway Station, which offers intercity rail links to

Dublin, Waterford, Galway, and Limerick. It is also a 5-minute bicycle ride from Cork City Centre and close to GoCar bases, ensuring excellent transport connectivity.

- It is not proposed to provide any car parking spaces within the development. Development traffic volumes on neighbourhood junctions shall be negligible.

- A swept path analyses has been conducted for service vehicles manoeuvring within the proposed development which is submitted with this application. These indicate that the current Anglesea Terrace can accommodate these vehicle movements where required.

- A total of 175no. bicycle parking spaces shall be provided within the proposed development. Of these, 147no. long-stay spaces shall be located in secure storage areas along the northern boundary of the development, 28no. bicycle spaces in the form of Sheffield stands shall be provided along the western boundary of the site to serve the residents and visitors of the residential units, the café/restaurant unit and retail/office units. The quantity of bicycle parking complies with the Local Authority Development Plan standards and the *Planning Design Standards for Apartment (Guidelines for Planning Authorities), published by the Department of Housing, Local Government and Heritage in 2025.*

In summary, the statement indicates that the proposed development can be supported by the existing road infrastructure.
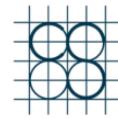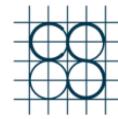
APPENDIX A

TRAFFIC SURVEY RESULTS

Site: 1
Location: Eglinton St / Old Station Rd / N27(S) / N27(E)
Date: Sunday 22 September 2024

Time	ARM A Eastbound	ARM A Westbound
06:00	1	0
06:15	0	0
06:30	1	0
06:45	0	1
07:00	2	0
07:15	0	0
07:30	1	0
07:45	1	0
08:00	0	2
08:15	2	0
08:30	4	0
08:45	6	0
09:00	3	4
09:15	10	4
09:30	5	4
09:45	5	6
10:00	6	8
10:15	11	11
10:30	8	3
10:45	15	9
11:00	10	24
11:15	13	8
11:30	24	15
11:45	30	15
12:00	18	23
12:15	34	9
12:30	33	17
12:45	24	20
13:00	31	24
13:15	20	10
13:30	27	22
13:45	22	36
14:00	10	38
14:15	10	40
14:30	14	39
14:45	18	20
15:00	15	14
15:15	25	23
15:30	19	14
15:45	19	34
16:00	16	19
16:15	21	13
16:30	11	14
16:45	16	19
17:00	15	13
17:15	17	25
17:30	12	12
17:45	13	10
18:00	14	21
18:15	26	24
18:30	16	23
18:45	23	18
19:00	18	23
19:15	12	25
19:30	19	16
19:45	28	9
Total	774	781

Time	ARM B Northbound	ARM B Southbound
06:00	0	0
06:15	0	0
06:30	0	0
06:45	0	0
07:00	0	0
07:15	0	0
07:30	0	0
07:45	0	0
08:00	1	0
08:15	0	0
08:30	0	0
08:45	0	0
09:00	0	0
09:15	0	0
09:30	0	0
09:45	0	0
10:00	0	0
10:15	1	0
10:30	0	0
10:45	0	0
11:00	2	0
11:15	1	0
11:30	0	0
11:45	0	0
12:00	5	0
12:15	1	1
12:30	0	0
12:45	0	0
13:00	2	0
13:15	0	0
13:30	0	0
13:45	0	0
14:00	0	0
14:15	2	0
14:30	0	0
14:45	0	0
15:00	5	0
15:15	0	0
15:30	0	0
15:45	0	0
16:00	0	0
16:15	0	0
16:30	0	0
16:45	0	0
17:00	0	0
17:15	0	0
17:30	0	0
17:45	0	0
18:00	0	0
18:15	0	0
18:30	0	0
18:45	0	0
19:00	0	0
19:15	0	0
19:30	0	0
19:45	0	0
Total	20	1

Time	ARM C Eastbound	ARM C Westbound
06:00	0	0
06:15	2	0
06:30	0	0
06:45	3	0
07:00	0	3
07:15	1	1
07:30	3	0
07:45	0	0
08:00	0	2
08:15	0	0
08:30	0	1
08:45	1	1
09:00	0	1
09:15	2	4
09:30	1	2
09:45	5	0
10:00	3	1
10:15	4	7
10:30	6	3
10:45	2	3
11:00	2	0
11:15	7	4
11:30	2	1
11:45	3	1
12:00	20	3
12:15	41	5
12:30	18	0
12:45	7	2
13:00	10	0
13:15	5	2
13:30	7	13
13:45	5	23
14:00	8	97
14:15	6	147
14:30	1	89
14:45	0	26
15:00	1	8
15:15	2	10
15:30	3	6
15:45	5	2
16:00	0	3
16:15	2	4
16:30	2	6
16:45	2	4
17:00	2	6
17:15	2	2
17:30	3	3
17:45	13	1
18:00	2	0
18:15	4	2
18:30	1	1
18:45	0	3
19:00	3	1
19:15	2	3
19:30	4	4
19:45	1	1
Total	212	497

Time	ARM D Northbound	ARM D Southbound
06:00	0	0
06:15	0	0
06:30	0	0
06:45	0	0
07:00	5	0
07:15	1	0
07:30	1	0
07:45	0	1
08:00	3	1
08:15	0	0
08:30	2	0
08:45	1	2
09:00	4	1
09:15	6	3
09:30	7	2
09:45	7	6
10:00	2	4
10:15	9	6
10:30	5	2
10:45	5	8
11:00	5	2
11:15	7	12
11:30	9	12
11:45	12	12
12:00	14	8
12:15	18	7
12:30	6	15
12:45	11	6
13:00	2	9
13:15	8	15
13:30	17	21
13:45	43	12
14:00	131	8
14:15	202	11
14:30	147	16
14:45	35	5
15:00	11	9
15:15	13	6
15:30	14	6
15:45	8	11
16:00	14	8
16:15	15	9
16:30	19	9
16:45	8	10
17:00	8	4
17:15	6	4
17:30	11	14
17:45	3	13
18:00	6	11
18:15	6	7
18:30	2	3
18:45	5	6
19:00	8	3
19:15	11	5
19:30	20	17
19:45	1	7
Total	914	369

Site: 2
Location: R610(N) / Copley St / R610(S) / Old Station Rd
Date: Sunday 22 September 2024

ARM A

Time	Eastbound	Westbound
06:00	2	0
06:15	0	0
06:30	1	0
06:45	3	0
07:00	0	0
07:15	0	0
07:30	0	0
07:45	1	0
08:00	1	2
08:15	1	4
08:30	6	0
08:45	6	2
09:00	2	2
09:15	13	6
09:30	4	3
09:45	4	10
10:00	6	7
10:15	7	15
10:30	9	8
10:45	12	9
11:00	7	15
11:15	22	9
11:30	17	11
11:45	34	13
12:00	26	20
12:15	34	9
12:30	45	12
12:45	22	18
13:00	28	13
13:15	17	16
13:30	22	11
13:45	23	14
14:00	8	33
14:15	5	46
14:30	10	27
14:45	15	22
15:00	8	11
15:15	19	25
15:30	23	8
15:45	19	20
16:00	11	13
16:15	23	10
16:30	11	9
16:45	16	5
17:00	13	9
17:15	13	12
17:30	8	7
17:45	5	10
18:00	8	17
18:15	11	14
18:30	11	13
18:45	12	13
19:00	16	19
19:15	17	15
19:30	27	24
19:45	19	11
Total	703	622

ARM B

Time	Northbound	Southbound
06:00	1	0
06:15	4	0
06:30	7	1
06:45	3	0
07:00	3	1
07:15	3	5
07:30	4	4
07:45	5	5
08:00	3	4
08:15	6	5
08:30	12	7
08:45	8	2
09:00	5	2
09:15	6	9
09:30	17	3
09:45	16	7
10:00	15	8
10:15	11	10
10:30	20	11
10:45	24	9
11:00	48	14
11:15	27	7
11:30	34	22
11:45	35	19
12:00	52	17
12:15	37	15
12:30	60	20
12:45	33	33
13:00	21	24
13:15	20	19
13:30	19	31
13:45	33	32
14:00	28	26
14:15	29	55
14:30	25	30
14:45	36	42
15:00	26	19
15:15	45	33
15:30	30	27
15:45	34	35
16:00	29	33
16:15	24	30
16:30	12	18
16:45	21	28
17:00	22	20
17:15	38	29
17:30	16	27
17:45	18	14
18:00	13	23
18:15	21	27
18:30	15	20
18:45	20	19
19:00	10	26
19:15	18	18
19:30	26	25
19:45	24	9
Total	1172	979

ARM C

Time	Eastbound	Westbound
06:00	0	0
06:15	0	0
06:30	1	0
06:45	1	0
07:00	0	1
07:15	1	0
07:30	1	1
07:45	0	0
08:00	0	0
08:15	0	0
08:30	0	1
08:45	0	1
09:00	0	0
09:15	1	0
09:30	4	1
09:45	0	0
10:00	0	1
10:15	1	4
10:30	3	3
10:45	0	2
11:00	2	0
11:15	4	4
11:30	1	5
11:45	3	3
12:00	2	3
12:15	10	2
12:30	1	5
12:45	3	2
13:00	3	2
13:15	3	3
13:30	1	6
13:45	3	18
14:00	2	35
14:15	1	95
14:30	1	42
14:45	1	38
15:00	0	7
15:15	0	5
15:30	7	7
15:45	1	4
16:00	0	5
16:15	1	3
16:30	1	1
16:45	0	2
17:00	1	3
17:15	2	2
17:30	2	3
17:45	8	3
18:00	3	3
18:15	4	3
18:30	0	2
18:45	1	4
19:00	0	3
19:15	0	2
19:30	1	2
19:45	1	0
Total	84	342

ARM D

Time	Northbound	Southbound
06:00	1	0
06:15	5	0
06:30	2	1
06:45	3	0
07:00	3	1
07:15	3	1
07:30	4	0
07:45	2	1
08:00	0	2
08:15	3	1
08:30	1	1
08:45	2	0
09:00	3	2
09:15	7	2
09:30	7	1
09:45	3	11
10:00	9	2
10:15	8	7
10:30	9	5
10:45	29	6
11:00	18	6
11:15	21	8
11:30	22	9
11:45	25	9
12:00	47	6
12:15	25	3
12:30	19	9
12:45	11	13
13:00	10	17
13:15	12	10
13:30	10	14
13:45	14	11
14:00	17	17
14:15	26	13
14:30	26	16
14:45	9	17
15:00	11	14
15:15	12	18
15:30	11	15
15:45	22	19
16:00	10	8
16:15	8	17
16:30	8	23
16:45	9	6
17:00	7	11
17:15	10	18
17:30	18	15
17:45	2	18
18:00	5	8
18:15	14	10
18:30	15	7
18:45	12	9
19:00	8	10
19:15	15	11
19:30	4	7
19:45	3	2
Total	620	468

NDC NATIONWIDE DATA COLLECTION

Site: 3
Location: R610(N) / R610(S) / Anglesea Terrace
Date: Sunday 22 September 2024

	ARM A				ARM B				ARM C	
Time	Eastbound	Westbound		Time	Eastbound	Westbound		Time	Northbound	Southbound
06:00	0	0		06:00	0	0		06:00	1	0
06:15	0	0		06:15	0	0		06:15	5	1
06:30	0	1		06:30	0	0		06:30	2	1
06:45	0	0		06:45	0	0		06:45	1	0
07:00	0	1		07:00	0	0		07:00	3	1
07:15	3	0		07:15	0	0		07:15	0	0
07:30	0	1		07:30	0	0		07:30	5	1
07:45	1	0		07:45	1	0		07:45	1	0
08:00	0	0		08:00	0	0		08:00	1	2
08:15	0	0		08:15	0	0		08:15	1	1
08:30	2	3		08:30	1	0		08:30	0	0
08:45	4	0		08:45	1	1		08:45	1	0
09:00	0	3		09:00	1	2		09:00	1	1
09:15	0	3		09:15	0	0		09:15	8	1
09:30	3	3		09:30	0	0		09:30	4	5
09:45	7	2		09:45	1	2		09:45	4	11
10:00	4	1		10:00	4	3		10:00	7	1
10:15	1	7		10:15	2	5		10:15	6	6
10:30	4	3		10:30	3	2		10:30	7	3
10:45	5	7		10:45	4	1		10:45	12	2
11:00	4	3		11:00	9	9		11:00	7	4
11:15	5	4		11:15	1	2		11:15	11	11
11:30	4	1		11:30	1	1		11:30	12	5
11:45	8	5		11:45	3	3		11:45	28	8
12:00	7	4		12:00	6	0		12:00	27	3
12:15	5	0		12:15	0	3		12:15	29	4
12:30	2	2		12:30	7	8		12:30	20	1
12:45	7	6		12:45	3	2		12:45	12	11
13:00	9	5		13:00	3	2		13:00	14	15
13:15	1	6		13:15	5	0		13:15	6	2
13:30	4	5		13:30	2	1		13:30	8	10
13:45	10	1		13:45	2	1		13:45	6	7
14:00	2	6		14:00	2	7		14:00	5	33
14:15	3	5		14:15	6	3		14:15	9	34
14:30	5	6		14:30	1	5		14:30	9	48
14:45	9	10		14:45	0	1		14:45	15	13
15:00	1	3		15:00	0	3		15:00	4	16
15:15	4	4		15:15	4	5		15:15	4	18
15:30	2	0		15:30	6	2		15:30	10	10
15:45	1	3		15:45	5	7		15:45	18	20
16:00	7	6		16:00	3	0		16:00	5	5
16:15	2	4		16:15	0	0		16:15	8	18
16:30	10	0		16:30	0	1		16:30	6	17
16:45	8	2		16:45	8	2		16:45	9	8
17:00	4	2		17:00	1	0		17:00	2	11
17:15	6	3		17:15	2	2		17:15	11	16
17:30	6	6		17:30	5	2		17:30	11	8
17:45	1	2		17:45	1	7		17:45	1	11
18:00	0	3		18:00	1	1		18:00	7	8
18:15	18	4		18:15	3	0		18:15	11	9
18:30	8	1		18:30	1	0		18:30	7	7
18:45	1	1		18:45	0	1		18:45	10	7
19:00	3	2		19:00	3	1		19:00	4	5
19:15	4	3		19:15	0	0		19:15	11	10

Site: 3
Location: R610(N) / R610(S) / Anglesea Terrace
Date: Sunday 22 September 2024

ARM A		
Time	Eastbound	Westbound
19:30	2	2
19:45	0	5
Total	171	160

ARM B		
Time	Eastbound	Westbound
19:30	0	1
19:45	0	0
Total	109	96

ARM C		
Time	Northbound	Southbound
19:30	2	4
19:45	3	4
Total	432	458

NDC NATIONWIDE DATA COLLECTION

Site: 4
Location: R610(N) / R610(W) / R610(S) / Hibernian Rd
Date: 22nd-09-2024

	ARM A			ARM B			ARM C			ARM D	
Time	Eastbound	Westbound	Time	Northbound	Southbound	Time	Eastbound	Westbound	Time	Northbound	Southbound
06:00	0	0	06:00	2	0	06:00	0	0	06:00	1	0
06:15	1	2	06:15	2	0	06:15	0	0	06:15	3	1
06:30	1	0	06:30	2	0	06:30	0	0	06:30	3	1
06:45	0	1	06:45	0	0	06:45	0	0	06:45	0	0
07:00	0	0	07:00	2	2	07:00	1	0	07:00	1	0
07:15	2	1	07:15	2	0	07:15	1	0	07:15	2	1
07:30	1	0	07:30	3	1	07:30	0	0	07:30	3	0
07:45	1	0	07:45	8	4	07:45	0	0	07:45	0	0
08:00	1	0	08:00	5	3	08:00	0	0	08:00	1	3
08:15	1	0	08:15	7	3	08:15	0	0	08:15	1	1
08:30	0	1	08:30	5	6	08:30	0	0	08:30	2	2
08:45	0	12	08:45	4	0	08:45	0	0	08:45	0	0
09:00	0	3	09:00	5	6	09:00	0	0	09:00	2	1
09:15	2	5	09:15	6	11	09:15	0	0	09:15	8	1
09:30	6	5	09:30	17	1	09:30	2	1	09:30	2	2
09:45	4	5	09:45	10	2	09:45	0	0	09:45	5	3
10:00	3	3	10:00	15	2	10:00	3	0	10:00	4	3
10:15	0	7	10:15	10	8	10:15	0	0	10:15	3	7
10:30	5	14	10:30	14	7	10:30	0	0	10:30	4	4
10:45	6	9	10:45	24	13	10:45	2	6	10:45	10	2
11:00	0	4	11:00	27	13	11:00	0	2	11:00	9	4
11:15	2	4	11:15	19	6	11:15	2	0	11:15	4	6
11:30	2	7	11:30	21	9	11:30	1	3	11:30	8	5
11:45	9	12	11:45	23	7	11:45	0	3	11:45	10	10
12:00	10	13	12:00	57	13	12:00	0	0	12:00	18	2
12:15	6	8	12:15	38	5	12:15	3	1	12:15	12	3
12:30	23	10	12:30	52	8	12:30	1	0	12:30	10	5
12:45	16	8	12:45	26	5	12:45	1	1	12:45	8	5
13:00	4	3	13:00	14	14	13:00	4	3	13:00	7	6
13:15	1	2	13:15	20	15	13:15	2	4	13:15	3	4
13:30	18	1	13:30	11	13	13:30	0	4	13:30	5	11
13:45	8	1	13:45	28	14	13:45	3	2	13:45	7	2
14:00	4	1	14:00	17	19	14:00	1	4	14:00	1	31
14:15	12	0	14:15	8	29	14:15	0	2	14:15	9	21
14:30	8	0	14:30	11	16	14:30	1	3	14:30	7	52
14:45	3	0	14:45	10	25	14:45	2	3	14:45	8	10
15:00	4	0	15:00	15	20	15:00	0	4	15:00	6	12
15:15	11	1	15:15	21	15	15:15	0	8	15:15	7	22
15:30	10	0	15:30	14	19	15:30	1	2	15:30	2	11
15:45	12	0	15:45	10	23	15:45	3	0	15:45	9	13
16:00	6	0	16:00	15	18	16:00	0	1	16:00	5	6
16:15	9	0	16:15	16	10	16:15	0	1	16:15	6	16
16:30	5	0	16:30	8	9	16:30	2	2	16:30	6	16
16:45	7	0	16:45	14	9	16:45	2	3	16:45	9	7
17:00	2	0	17:00	12	15	17:00	1	0	17:00	6	10
17:15	3	0	17:15	17	13	17:15	0	0	17:15	10	15
17:30	12	0	17:30	7	15	17:30	2	0	17:30	7	8
17:45	5	0	17:45	13	14	17:45	0	6	17:45	2	6
18:00	9	0	18:00	15	13	18:00	6	2	18:00	11	4
18:15	6	0	18:15	10	9	18:15	2	4	18:15	7	7
18:30	7	2	18:30	10	8	18:30	1	0	18:30	5	7
18:45	5	0	18:45	14	7	18:45	0	4	18:45	9	7
19:00	7	0	19:00	7	12	19:00	1	0	19:00	4	4
19:15	3	0	19:15	12	14	19:15	1	0	19:15	5	6
19:30	8	0	19:30	23	6	19:30	1	1	19:30	5	2
19:45	2	0	19:45	9	9	19:45	0	4	19:45	0	5
Total	261	143	Total	787	538	Total	53	69	Total	302	393

NDC NATIONWIDE DATA COLLECTION

Site: 1
Location: Eglinton St / Old Station Rd / N27(S) / N27(E)
Date: Monday 23 September 2024

ARM A			ARM B			ARM C			ARM D		
Time	Eastbound	Westbound	Time	Northbound	Southbound	Time	Eastbound	Westbound	Time	Northbound	Southbound
06:00	1	0	06:00	0	1	06:00	1	0	06:00	2	3
06:15	1	0	06:15	0	0	06:15	0	1	06:15	2	1
06:30	2	0	06:30	0	0	06:30	2	1	06:30	1	2
06:45	5	0	06:45	0	0	06:45	0	3	06:45	3	2
07:00	2	2	07:00	0	0	07:00	1	2	07:00	6	2
07:15	4	4	07:15	0	1	07:15	2	5	07:15	5	3
07:30	5	1	07:30	1	0	07:30	2	0	07:30	3	4
07:45	6	2	07:45	1	0	07:45	2	4	07:45	5	2
08:00	10	3	08:00	0	0	08:00	0	2	08:00	9	0
08:15	6	10	08:15	0	0	08:15	4	5	08:15	12	5
08:30	5	5	08:30	0	0	08:30	3	3	08:30	6	6
08:45	13	13	08:45	0	0	08:45	4	4	08:45	11	9
09:00	13	6	09:00	0	0	09:00	5	7	09:00	12	10
09:15	6	6	09:15	0	0	09:15	3	4	09:15	9	10
09:30	9	5	09:30	0	0	09:30	5	2	09:30	7	6
09:45	12	14	09:45	0	0	09:45	1	3	09:45	6	4
10:00	10	6	10:00	0	2	10:00	5	2	10:00	6	4
10:15	16	11	10:15	0	0	10:15	1	3	10:15	7	6
10:30	7	4	10:30	0	0	10:30	1	8	10:30	11	3
10:45	8	8	10:45	0	0	10:45	1	3	10:45	6	2
11:00	21	8	11:00	3	1	11:00	3	2	11:00	5	9
11:15	16	14	11:15	0	0	11:15	1	2	11:15	7	8
11:30	16	13	11:30	0	0	11:30	4	1	11:30	18	9
11:45	9	11	11:45	0	0	11:45	2	4	11:45	11	6
12:00	15	10	12:00	0	2	12:00	1	4	12:00	11	18
12:15	12	6	12:15	1	0	12:15	3	1	12:15	4	13
12:30	21	14	12:30	1	0	12:30	3	2	12:30	7	8
12:45	8	23	12:45	0	0	12:45	7	6	12:45	15	12
13:00	24	14	13:00	0	1	13:00	6	10	13:00	17	8
13:15	31	30	13:15	0	2	13:15	14	6	13:15	14	25
13:30	28	20	13:30	0	1	13:30	6	16	13:30	22	22
13:45	21	10	13:45	0	0	13:45	4	3	13:45	9	16
14:00	15	7	14:00	0	0	14:00	1	5	14:00	7	6
14:15	8	9	14:15	0	0	14:15	2	2	14:15	11	7
14:30	8	14	14:30	0	0	14:30	2	2	14:30	8	12
14:45	15	14	14:45	0	0	14:45	3	3	14:45	10	8
15:00	18	14	15:00	0	0	15:00	1	1	15:00	5	15
15:15	8	9	15:15	0	0	15:15	5	9	15:15	14	13
15:30	21	8	15:30	0	0	15:30	0	5	15:30	10	14
15:45	10	13	15:45	0	0	15:45	2	1	15:45	4	15
16:00	23	17	16:00	0	0	16:00	1	4	16:00	15	6
16:15	21	11	16:15	1	0	16:15	12	3	16:15	10	21
16:30	27	22	16:30	0	0	16:30	3	5	16:30	13	17
16:45	18	14	16:45	0	0	16:45	8	1	16:45	8	20
17:00	32	20	17:00	0	0	17:00	6	3	17:00	20	20
17:15	35	32	17:15	0	0	17:15	9	6	17:15	18	12
17:30	29	29	17:30	0	0	17:30	1	4	17:30	13	22
17:45	34	42	17:45	0	0	17:45	3	4	17:45	11	15
18:00	25	36	18:00	0	0	18:00	3	2	18:00	7	19
18:15	35	28	18:15	0	0	18:15	7	4	18:15	12	9
18:30	13	31	18:30	0	0	18:30	6	4	18:30	10	13
18:45	24	16	18:45	0	0	18:45	1	1	18:45	3	15
19:00	11	24	19:00	0	0	19:00	10	3	19:00	9	13
19:15	14	16	19:15	0	0	19:15	9	6	19:15	13	14
19:30	19	23	19:30	0	0	19:30	5	3	19:30	11	9
19:45	18	14	19:45	0	0	19:45	2	0	19:45	4	8
Total	844	736	Total	8	11	Total	199	200	Total	515	561

Site: 2
Location: R610(N) / Copley St / R610(S) / Old Station Rd
Date: Monday 23 September 2024

	ARM A			ARM B			ARM C			ARM D	
Time	Eastbound	Westbound	Time	Northbound	Southbound	Time	Eastbound	Westbound	Time	Northbound	Southbound
06:00	0	0	06:00	3	0	06:00	0	0	06:00	6	0
06:15	1	0	06:15	7	0	06:15	0	0	06:15	5	0
06:30	5	2	06:30	17	3	06:30	0	0	06:30	3	0
06:45	8	1	06:45	18	3	06:45	0	3	06:45	7	5
07:00	9	0	07:00	24	2	07:00	0	2	07:00	9	3
07:15	7	2	07:15	24	13	07:15	1	3	07:15	14	3
07:30	6	4	07:30	29	16	07:30	5	1	07:30	14	5
07:45	11	2	07:45	23	25	07:45	1	5	07:45	34	12
08:00	23	8	08:00	44	41	08:00	1	2	08:00	26	15
08:15	14	16	08:15	53	38	08:15	2	7	08:15	34	17
08:30	9	19	08:30	33	84	08:30	1	6	08:30	28	10
08:45	29	13	08:45	60	51	08:45	2	6	08:45	30	22
09:00	24	4	09:00	53	40	09:00	1	4	09:00	26	10
09:15	16	19	09:15	42	33	09:15	1	1	09:15	24	15
09:30	20	8	09:30	38	11	09:30	1	2	09:30	10	9
09:45	15	21	09:45	26	28	09:45	0	2	09:45	17	13
10:00	16	11	10:00	32	21	10:00	0	2	10:00	12	5
10:15	22	17	10:15	31	34	10:15	1	7	10:15	17	19
10:30	11	17	10:30	38	33	10:30	2	5	10:30	12	15
10:45	13	18	10:45	24	33	10:45	1	3	10:45	13	11
11:00	26	18	11:00	39	25	11:00	2	6	11:00	16	11
11:15	22	14	11:15	35	28	11:15	2	4	11:15	19	13
11:30	22	13	11:30	47	34	11:30	3	4	11:30	21	13
11:45	10	13	11:45	33	36	11:45	1	6	11:45	14	11
12:00	16	6	12:00	29	30	12:00	1	2	12:00	13	17
12:15	12	11	12:15	24	41	12:15	4	2	12:15	18	15
12:30	16	15	12:30	38	35	12:30	3	0	12:30	14	6
12:45	19	20	12:45	37	32	12:45	7	8	12:45	16	15
13:00	20	8	13:00	52	22	13:00	1	6	13:00	21	14
13:15	22	26	13:15	21	50	13:15	6	8	13:15	19	34
13:30	25	21	13:30	46	43	13:30	5	5	13:30	25	25
13:45	28	10	13:45	53	38	13:45	3	8	13:45	25	15
14:00	21	4	14:00	38	36	14:00	2	1	14:00	16	17
14:15	13	16	14:15	33	37	14:15	2	1	14:15	17	13
14:30	12	8	14:30	27	16	14:30	0	3	14:30	17	14
14:45	14	15	14:45	30	22	14:45	3	2	14:45	26	13
15:00	24	23	15:00	45	24	15:00	3	2	15:00	24	6
15:15	14	11	15:15	33	27	15:15	2	1	15:15	17	15
15:30	17	9	15:30	48	24	15:30	0	9	15:30	24	6
15:45	19	12	15:45	89	41	15:45	3	5	15:45	28	18
16:00	20	19	16:00	53	43	16:00	2	3	16:00	28	33
16:15	25	9	16:15	56	40	16:15	5	18	16:15	19	38
16:30	31	20	16:30	63	31	16:30	1	5	16:30	16	17
16:45	29	17	16:45	54	34	16:45	3	9	16:45	17	18
17:00	24	25	17:00	41	46	17:00	5	3	17:00	14	39
17:15	39	22	17:15	59	48	17:15	3	11	17:15	24	39
17:30	23	15	17:30	42	43	17:30	2	5	17:30	15	25
17:45	25	22	17:45	20	38	17:45	6	9	17:45	19	39
18:00	20	18	18:00	18	34	18:00	3	7	18:00	12	26
18:15	16	18	18:15	29	38	18:15	2	7	18:15	17	24
18:30	18	12	18:30	24	38	18:30	1	9	18:30	7	24
18:45	14	7	18:45	27	32	18:45	2	2	18:45	16	13
19:00	13	13	19:00	19	30	19:00	2	7	19:00	11	16
19:15	15	14	19:15	22	18	19:15	7	2	19:15	12	13
19:30	14	20	19:30	16	15	19:30	1	4	19:30	15	10
19:45	12	14	19:45	23	16	19:45	1	3	19:45	10	10
Total	969	720	Total	1982	1694	Total	119	248	Total	983	864

NDC NATIONWIDE DATA COLLECTION

Site: 3
Location: R610(N) / R610(S) / Anglesea Terrace
Date: Monday 23 September 2024

	ARM A			ARM B			ARM C	
Time	Eastbound	Westbound	Time	Eastbound	Westbound	Time	Northbound	Southbound
06:00	0	0	06:00	0	1	06:00	3	1
06:15	0	0	06:15	0	0	06:15	4	0
06:30	0	0	06:30	0	1	06:30	2	0
06:45	2	2	06:45	0	0	06:45	3	4
07:00	2	0	07:00	1	2	07:00	3	2
07:15	3	2	07:15	0	1	07:15	2	5
07:30	4	5	07:30	1	1	07:30	7	5
07:45	4	2	07:45	3	2	07:45	11	9
08:00	3	2	08:00	1	0	08:00	15	17
08:15	6	3	08:15	4	6	08:15	19	19
08:30	2	3	08:30	2	3	08:30	19	6
08:45	1	8	08:45	4	8	08:45	19	14
09:00	4	3	09:00	4	6	09:00	21	9
09:15	1	5	09:15	2	2	09:15	18	17
09:30	4	6	09:30	3	1	09:30	6	6
09:45	6	5	09:45	2	3	09:45	11	14
10:00	0	7	10:00	2	2	10:00	12	6
10:15	4	5	10:15	0	1	10:15	8	13
10:30	4	9	10:30	3	2	10:30	9	9
10:45	1	8	10:45	7	7	10:45	15	4
11:00	3	5	11:00	2	3	11:00	11	2
11:15	4	1	11:15	4	2	11:15	14	9
11:30	8	6	11:30	7	3	11:30	15	14
11:45	3	3	11:45	1	5	11:45	7	6
12:00	10	5	12:00	5	1	12:00	9	14
12:15	5	3	12:15	3	1	12:15	11	13
12:30	4	3	12:30	1	0	12:30	6	4
12:45	2	4	12:45	3	1	12:45	14	13
13:00	3	4	13:00	2	4	13:00	18	9
13:15	14	3	13:15	5	3	13:15	15	25
13:30	5	6	13:30	3	3	13:30	12	21
13:45	6	4	13:45	1	5	13:45	13	7
14:00	2	4	14:00	5	9	14:00	9	10
14:15	0	4	14:15	0	1	14:15	12	20
14:30	2	3	14:30	3	1	14:30	9	12
14:45	6	0	14:45	2	1	14:45	17	11
15:00	0	5	15:00	2	2	15:00	21	2
15:15	2	0	15:15	3	4	15:15	13	16
15:30	7	4	15:30	0	2	15:30	17	7
15:45	8	4	15:45	2	3	15:45	26	15
16:00	6	3	16:00	1	1	16:00	21	12
16:15	7	1	16:15	3	3	16:15	14	8
16:30	6	8	16:30	7	4	16:30	13	14
16:45	5	5	16:45	2	1	16:45	14	10
17:00	3	3	17:00	1	1	17:00	14	36
17:15	6	3	17:15	5	0	17:15	24	28
17:30	1	1	17:30	0	2	17:30	15	11
17:45	4	4	17:45	1	0	17:45	9	28
18:00	2	6	18:00	2	3	18:00	11	13
18:15	4	3	18:15	4	5	18:15	12	21
18:30	6	3	18:30	0	1	18:30	7	14
18:45	2	0	18:45	0	0	18:45	10	12
19:00	8	4	19:00	0	5	19:00	5	17
19:15	3	10	19:15	0	11	19:15	12	19

Site: 3
Location: R610(N) / R610(S) / Anglesea Terrace
Date: Monday 23 September 2024

	ARM A	
Time	Eastbound	Westbound
19:30	2	7
19:45	5	3
Total	215	186

	ARM B	
Time	Eastbound	Westbound
19:30	3	3
19:45	0	1
Total	119	124

	ARM C	
Time	Northbound	Southbound
19:30	8	8
19:45	8	5
Total	673	646

NDC NATIONWIDE DATA COLLECTION

Site: 4
Location: R610(N) / R610(W) / R610(S) / Hibernian Rd
Date: Monday 23 September 2024

	ARM A			ARM B			ARM C			ARM D	
Time	Eastbound	Westbound	Time	Northbound	Southbound	Time	Eastbound	Westbound	Time	Northbound	Southbound
06:00	0	1	06:00	2	0	06:00	0	0	06:00	2	2
06:15	0	4	06:15	5	0	06:15	0	0	06:15	6	1
06:30	0	1	06:30	11	0	06:30	0	2	06:30	4	0
06:45	2	4	06:45	10	1	06:45	0	1	06:45	4	6
07:00	1	2	07:00	25	3	07:00	1	1	07:00	1	4
07:15	6	6	07:15	21	3	07:15	5	0	07:15	4	8
07:30	14	7	07:30	23	5	07:30	5	1	07:30	8	9
07:45	17	13	07:45	22	6	07:45	6	2	07:45	9	14
08:00	7	14	08:00	48	21	08:00	4	8	08:00	18	20
08:15	11	20	08:15	28	30	08:15	2	1	08:15	18	26
08:30	13	11	08:30	29	64	08:30	3	4	08:30	16	12
08:45	11	26	08:45	52	73	08:45	7	6	08:45	17	17
09:00	12	18	09:00	29	21	09:00	4	0	09:00	17	15
09:15	11	15	09:15	35	27	09:15	7	8	09:15	13	25
09:30	7	18	09:30	28	9	09:30	1	3	09:30	12	14
09:45	11	17	09:45	15	25	09:45	0	0	09:45	13	17
10:00	5	15	10:00	20	24	10:00	2	4	10:00	11	12
10:15	16	11	10:15	21	22	10:15	3	4	10:15	16	14
10:30	17	17	10:30	13	16	10:30	2	0	10:30	12	16
10:45	10	12	10:45	12	20	10:45	4	1	10:45	15	9
11:00	21	14	11:00	21	13	11:00	3	3	11:00	19	10
11:15	12	19	11:15	23	20	11:15	4	0	11:15	11	12
11:30	12	9	11:30	30	12	11:30	0	2	11:30	13	15
11:45	9	16	11:45	19	25	11:45	3	1	11:45	16	12
12:00	4	13	12:00	24	23	12:00	2	6	12:00	16	14
12:15	13	22	12:15	13	29	12:15	5	2	12:15	9	18
12:30	19	13	12:30	21	25	12:30	0	3	12:30	11	9
12:45	17	16	12:45	38	19	12:45	3	4	12:45	16	13
13:00	19	30	13:00	55	30	13:00	3	4	13:00	23	20
13:15	12	12	13:15	50	35	13:15	23	11	13:15	24	39
13:30	20	18	13:30	37	55	13:30	5	11	13:30	9	24
13:45	31	24	13:45	41	16	13:45	7	4	13:45	11	7
14:00	21	15	14:00	20	17	14:00	5	4	14:00	10	14
14:15	18	16	14:15	18	20	14:15	3	1	14:15	12	19
14:30	12	8	14:30	26	14	14:30	6	2	14:30	21	14
14:45	9	5	14:45	26	6	14:45	0	2	14:45	11	10
15:00	9	15	15:00	35	20	15:00	6	1	15:00	22	9
15:15	16	11	15:15	19	11	15:15	2	1	15:15	14	19
15:30	8	15	15:30	51	12	15:30	6	3	15:30	15	9
15:45	11	10	15:45	81	20	15:45	8	5	15:45	28	10
16:00	10	19	16:00	51	22	16:00	3	7	16:00	21	14
16:15	12	7	16:15	39	22	16:15	3	2	16:15	13	6
16:30	9	16	16:30	27	24	16:30	5	5	16:30	15	11
16:45	18	11	16:45	35	15	16:45	1	2	16:45	17	13
17:00	21	14	17:00	27	24	17:00	6	2	17:00	15	29
17:15	18	10	17:15	34	33	17:15	4	6	17:15	20	22
17:30	14	3	17:30	30	25	17:30	3	1	17:30	8	8
17:45	17	9	17:45	17	28	17:45	6	4	17:45	20	18
18:00	13	12	18:00	9	18	18:00	2	8	18:00	3	14
18:15	18	9	18:15	11	25	18:15	5	0	18:15	11	17
18:30	6	17	18:30	22	34	18:30	1	8	18:30	3	18
18:45	17	12	18:45	19	15	18:45	3	2	18:45	11	14
19:00	11	6	19:00	8	14	19:00	2	3	19:00	4	9
19:15	14	13	19:15	30	11	19:15	0	5	19:15	8	11
19:30	8	8	19:30	10	15	19:30	4	0	19:30	4	11
19:45	5	6	19:45	14	13	19:45	2	2	19:45	4	7
Total	583	705	Total	1480	1130	Total	200	173	Total	704	760

Site: 1
Location: Eglinton St / Old Station Rd / N27(S) / N27(E)
Date: Tuesday 24 September 2024

Time	ARM A Eastbound	ARM A Westbound	Time	ARM B Northbound	ARM B Southbound	Time	ARM C Eastbound	ARM C Westbound	Time	ARM D Northbound	ARM D Southbound
06:00	1	0	06:00	0	0	06:00	0	1	06:00	2	0
06:15	1	0	06:15	0	0	06:15	0	0	06:15	0	0
06:30	0	0	06:30	0	0	06:30	1	0	06:30	2	2
06:45	9	0	06:45	0	0	06:45	1	0	06:45	0	4
07:00	3	1	07:00	0	0	07:00	1	3	07:00	8	1
07:15	4	2	07:15	0	0	07:15	0	3	07:15	3	2
07:30	11	2	07:30	0	0	07:30	5	2	07:30	7	6
07:45	4	3	07:45	0	0	07:45	4	1	07:45	4	4
08:00	10	7	08:00	0	0	08:00	0	5	08:00	9	1
08:15	12	19	08:15	0	0	08:15	4	7	08:15	21	5
08:30	7	4	08:30	0	0	08:30	5	4	08:30	8	7
08:45	14	6	08:45	1	0	08:45	2	2	08:45	10	8
09:00	6	12	09:00	0	0	09:00	6	7	09:00	14	8
09:15	12	3	09:15	0	0	09:15	7	7	09:15	10	7
09:30	7	3	09:30	0	0	09:30	8	4	09:30	6	9
09:45	8	7	09:45	1	0	09:45	3	6	09:45	11	5
10:00	20	5	10:00	0	0	10:00	2	1	10:00	6	2
10:15	9	7	10:15	0	0	10:15	1	5	10:15	6	2
10:30	8	7	10:30	0	1	10:30	1	3	10:30	8	2
10:45	9	10	10:45	0	0	10:45	3	11	10:45	18	13
11:00	11	6	11:00	0	0	11:00	1	0	11:00	7	8
11:15	6	7	11:15	0	0	11:15	8	2	11:15	13	11
11:30	9	6	11:30	0	0	11:30	3	0	11:30	4	11
11:45	11	10	11:45	0	1	11:45	2	3	11:45	6	6
12:00	11	18	12:00	0	0	12:00	1	1	12:00	6	10
12:15	15	10	12:15	1	0	12:15	4	3	12:15	13	8
12:30	12	19	12:30	0	0	12:30	7	6	12:30	10	13
12:45	14	18	12:45	0	0	12:45	6	7	12:45	20	11
13:00	16	17	13:00	0	0	13:00	5	5	13:00	17	11
13:15	38	24	13:15	0	0	13:15	22	2	13:15	26	25
13:30	27	28	13:30	0	0	13:30	2	10	13:30	13	6
13:45	35	28	13:45	0	0	13:45	6	11	13:45	13	20
14:00	15	18	14:00	0	0	14:00	5	7	14:00	14	16
14:15	11	16	14:15	0	1	14:15	3	5	14:15	9	17
14:30	7	9	14:30	0	0	14:30	2	4	14:30	13	9
14:45	20	11	14:45	0	0	14:45	0	0	14:45	3	3
15:00	12	18	15:00	0	0	15:00	5	5	15:00	13	15
15:15	15	10	15:15	0	0	15:15	11	2	15:15	7	19
15:30	39	13	15:30	0	0	15:30	2	4	15:30	9	7
15:45	21	18	15:45	0	0	15:45	8	2	15:45	12	46
16:00	17	23	16:00	0	0	16:00	5	10	16:00	20	23
16:15	26	15	16:15	0	0	16:15	4	2	16:15	9	18
16:30	23	28	16:30	0	0	16:30	3	4	16:30	12	19
16:45	20	26	16:45	0	1	16:45	11	7	16:45	17	28
17:00	31	26	17:00	0	0	17:00	0	0	17:00	9	20
17:15	27	21	17:15	0	0	17:15	10	2	17:15	12	25
17:30	15	40	17:30	0	1	17:30	6	4	17:30	20	19
17:45	23	19	17:45	0	0	17:45	8	0	17:45	9	16
18:00	16	19	18:00	0	0	18:00	5	4	18:00	43	19
18:15	16	28	18:15	0	0	18:15	6	5	18:15	16	23
18:30	24	24	18:30	0	0	18:30	5	4	18:30	12	10
18:45	14	30	18:45	0	0	18:45	5	8	18:45	20	16
19:00	22	28	19:00	0	0	19:00	3	1	19:00	8	12
19:15	20	16	19:15	0	0	19:15	7	1	19:15	7	9
19:30	15	32	19:30	0	0	19:30	5	7	19:30	9	9
19:45	21	19	19:45	0	0	19:45	1	3	19:45	9	6
Total	830	796	Total	3	5	Total	204	213	Total	489	632

Site: 2
Location: R610(N) / Copley St / R610(S) / Old Station Rd
Date: Tuesday 24 September 2024

ARM A			ARM B			ARM C			ARM D		
Time	Eastbound	Westbound	Time	Northbound	Southbound	Time	Eastbound	Westbound	Time	Northbound	Southbound
06:00	0	0	06:00	4	0	06:00	0	0	06:00	2	0
06:15	4	0	06:15	12	0	06:15	0	0	06:15	5	0
06:30	1	1	06:30	15	1	06:30	0	0	06:30	3	2
06:45	11	0	06:45	24	2	06:45	0	0	06:45	6	2
07:00	12	3	07:00	30	6	07:00	0	2	07:00	11	5
07:15	9	1	07:15	18	10	07:15	0	3	07:15	9	2
07:30	10	0	07:30	29	21	07:30	3	2	07:30	25	6
07:45	11	2	07:45	32	29	07:45	1	0	07:45	31	21
08:00	22	5	08:00	33	27	08:00	3	2	08:00	32	6
08:15	21	2	08:15	56	36	08:15	2	3	08:15	28	7
08:30	12	14	08:30	43	58	08:30	1	9	08:30	26	20
08:45	30	24	08:45	52	80	08:45	1	2	08:45	35	21
09:00	20	5	09:00	74	41	09:00	1	6	09:00	27	11
09:15	13	15	09:15	34	24	09:15	5	8	09:15	21	13
09:30	18	6	09:30	34	22	09:30	3	5	09:30	17	12
09:45	11	11	09:45	31	20	09:45	5	1	09:45	21	17
10:00	15	15	10:00	36	21	10:00	0	3	10:00	19	9
10:15	8	14	10:15	38	34	10:15	5	3	10:15	18	15
10:30	15	19	10:30	35	25	10:30	0	4	10:30	13	11
10:45	12	18	10:45	38	33	10:45	4	4	10:45	16	14
11:00	18	11	11:00	31	27	11:00	1	4	11:00	16	8
11:15	23	19	11:15	25	23	11:15	1	3	11:15	17	10
11:30	4	11	11:30	42	38	11:30	13	1	11:30	8	0
11:45	15	11	11:45	46	30	11:45	0	1	11:45	8	3
12:00	23	10	12:00	39	25	12:00	0	3	12:00	9	11
12:15	23	7	12:15	26	38	12:15	3	6	12:15	19	25
12:30	14	15	12:30	30	21	12:30	1	2	12:30	14	12
12:45	19	12	12:45	41	31	12:45	6	5	12:45	23	20
13:00	15	10	13:00	56	40	13:00	2	2	13:00	20	16
13:15	23	6	13:15	30	25	13:15	3	7	13:15	26	24
13:30	10	16	13:30	43	60	13:30	1	1	13:30	32	26
13:45	19	15	13:45	35	51	13:45	3	5	13:45	25	26
14:00	19	11	14:00	26	32	14:00	1	7	14:00	19	16
14:15	9	12	14:15	31	37	14:15	0	3	14:15	15	17
14:30	12	7	14:30	31	25	14:30	0	6	14:30	16	13
14:45	15	14	14:45	32	28	14:45	0	1	14:45	19	13
15:00	20	18	15:00	34	28	15:00	1	2	15:00	21	12
15:15	15	9	15:15	35	28	15:15	7	4	15:15	23	12
15:30	49	10	15:30	78	16	15:30	1	4	15:30	16	11
15:45	26	14	15:45	76	44	15:45	0	2	15:45	15	16
16:00	28	14	16:00	52	17	16:00	4	10	16:00	20	50
16:15	16	10	16:15	55	38	16:15	0	1	16:15	19	19
16:30	32	14	16:30	34	28	16:30	0	3	16:30	21	20
16:45	19	13	16:45	59	38	16:45	0	7	16:45	22	31
17:00	22	11	17:00	40	41	17:00	3	3	17:00	26	4
17:15	18	19	17:15	30	34	17:15	0	6	17:15	30	28
17:30	14	15	17:30	42	47	17:30	3	5	17:30	12	34
17:45	22	11	17:45	21	36	17:45	3	4	17:45	24	25
18:00	14	8	18:00	10	21	18:00	2	10	18:00	10	26
18:15	12	19	18:15	21	39	18:15	0	6	18:15	15	22
18:30	17	19	18:30	36	31	18:30	0	3	18:30	15	9
18:45	10	18	18:45	20	45	18:45	0	5	18:45	11	14
19:00	14	14	19:00	10	35	19:00	3	3	19:00	9	15
19:15	12	14	19:15	20	24	19:15	2	3	19:15	3	17
19:30	8	5	19:30	8	13	19:30	3	8	19:30	6	17
19:45	18	5	19:45	13	20	19:45	2	1	19:45	6	10
Total	902	602	Total	1926	1644	Total	93	204	Total	975	826

NDC NATIONWIDE DATA COLLECTION

Site: 3
Location: R610(N) / R610(S) / Anglesea Terrace
Date: Tuesday 24 September 2024

Time	ARM A Eastbound	ARM A Westbound	Time	ARM B Eastbound	ARM B Westbound	Time	ARM C Northbound	ARM C Southbound
06:00	0	0	06:00	0	0	06:00	0	1
06:15	0	2	06:15	0	1	06:15	6	0
06:30	0	0	06:30	0	1	06:30	2	2
06:45	3	1	06:45	0	0	06:45	3	3
07:00	2	1	07:00	2	3	07:00	5	3
07:15	1	6	07:15	1	3	07:15	0	5
07:30	3	5	07:30	4	0	07:30	12	7
07:45	6	11	07:45	2	1	07:45	10	17
08:00	3	6	08:00	2	3	08:00	17	9
08:15	4	1	08:15	0	2	08:15	12	9
08:30	4	2	08:30	5	6	08:30	16	19
08:45	3	4	08:45	6	8	08:45	24	22
09:00	5	7	09:00	0	3	09:00	25	12
09:15	1	4	09:15	2	1	09:15	18	8
09:30	4	2	09:30	1	2	09:30	15	13
09:45	1	4	09:45	2	5	09:45	23	17
10:00	5	3	10:00	4	5	10:00	14	7
10:15	6	4	10:15	1	2	10:15	14	14
10:30	1	4	10:30	2	2	10:30	10	10
10:45	1	8	10:45	3	7	10:45	12	9
11:00	3	5	11:00	2	2	11:00	16	6
11:15	8	5	11:15	0	1	11:15	13	7
11:30	4	7	11:30	5	6	11:30	6	6
11:45	6	3	11:45	2	3	11:45	3	2
12:00	3	1	12:00	1	4	12:00	10	9
12:15	3	3	12:15	2	0	12:15	15	19
12:30	7	6	12:30	0	0	12:30	16	13
12:45	2	4	12:45	0	1	12:45	15	15
13:00	5	2	13:00	1	2	13:00	15	20
13:15	19	4	13:15	7	5	13:15	23	20
13:30	2	5	13:30	4	3	13:30	22	18
13:45	9	4	13:45	4	5	13:45	17	23
14:00	5	6	14:00	3	3	14:00	6	15
14:15	3	5	14:15	2	3	14:15	11	8
14:30	1	2	14:30	3	4	14:30	11	11
14:45	7	4	14:45	5	7	14:45	15	7
15:00	4	4	15:00	7	2	15:00	10	11
15:15	6	2	15:15	4	0	15:15	17	8
15:30	4	3	15:30	7	3	15:30	14	7
15:45	8	3	15:45	3	2	15:45	14	15
16:00	5	2	16:00	6	3	16:00	16	19
16:15	1	1	16:15	7	6	16:15	13	0
16:30	3	4	16:30	2	2	16:30	16	13
16:45	6	4	16:45	1	0	16:45	13	23
17:00	2	2	17:00	2	2	17:00	16	30
17:15	4	5	17:15	3	0	17:15	23	18
17:30	4	3	17:30	0	3	17:30	10	22
17:45	8	6	17:45	2	1	17:45	17	18
18:00	3	3	18:00	1	3	18:00	13	6
18:15	3	3	18:15	0	1	18:15	10	16
18:30	1	6	18:30	1	5	18:30	15	15
18:45	8	7	18:45	3	2	18:45	8	12
19:00	2	6	19:00	3	1	19:00	9	15
19:15	5	5	19:15	2	1	19:15	5	13

Site: 3
Location: R610(N) / R610(S) / Anglesea Terrace
Date: Tuesday 24 September 2024

ARM A		
Time	Eastbound	Westbound
19:30	2	9
19:45	3	1
Total	222	220

ARM B		
Time	Eastbound	Westbound
19:30	0	3
19:45	1	3
Total	123	147

ARM C		
Time	Northbound	Southbound
19:30	4	10
19:45	2	10
Total	697	667

Site: 4
Location: R610(N) / R610(W) / R610(S) / Hibernian Rd
Date: Tuesday 24 September 2024

ARM A			ARM B			ARM C			ARM D		
Time	Eastbound	Westbound	Time	Northbound	Southbound	Time	Eastbound	Westbound	Time	Northbound	Southbound
06:00	0	2	06:00	3	1	06:00	0	0	06:00	0	1
06:15	0	4	06:15	7	0	06:15	0	0	06:15	5	0
06:30	2	7	06:30	10	0	06:30	0	0	06:30	2	1
06:45	2	8	06:45	16	2	06:45	2	0	06:45	4	3
07:00	2	4	07:00	26	3	07:00	0	1	07:00	4	4
07:15	2	7	07:15	13	7	07:15	3	2	07:15	1	4
07:30	18	3	07:30	28	12	07:30	5	2	07:30	14	9
07:45	15	11	07:45	25	14	07:45	6	4	07:45	8	17
08:00	9	17	08:00	40	26	08:00	5	3	08:00	12	18
08:15	12	20	08:15	46	29	08:15	3	6	08:15	12	15
08:30	14	33	08:30	37	70	08:30	2	4	08:30	18	21
08:45	25	32	08:45	38	91	08:45	7	7	08:45	29	32
09:00	13	22	09:00	78	52	09:00	0	3	09:00	22	15
09:15	10	21	09:15	22	28	09:15	3	3	09:15	16	13
09:30	13	13	09:30	22	19	09:30	4	2	09:30	17	24
09:45	6	19	09:45	24	15	09:45	4	4	09:45	25	24
10:00	6	15	10:00	22	12	10:00	4	0	10:00	12	8
10:15	15	17	10:15	30	16	10:15	2	6	10:15	19	15
10:30	11	28	10:30	17	19	10:30	5	1	10:30	17	16
10:45	15	11	10:45	26	20	10:45	2	7	10:45	14	23
11:00	21	22	11:00	30	24	11:00	2	4	11:00	16	7
11:15	6	30	11:15	23	24	11:15	3	3	11:15	16	10
11:30	29	17	11:30	42	29	11:30	3	0	11:30	7	12
11:45	14	10	11:45	24	19	11:45	4	9	11:45	8	5
12:00	13	10	12:00	20	9	12:00	5	7	12:00	9	8
12:15	12	14	12:15	10	38	12:15	1	4	12:15	26	20
12:30	10	20	12:30	26	13	12:30	3	7	12:30	20	17
12:45	21	17	12:45	57	16	12:45	1	2	12:45	16	17
13:00	13	36	13:00	36	20	13:00	4	4	13:00	22	28
13:15	18	23	13:15	68	52	13:15	4	6	13:15	14	24
13:30	30	19	13:30	34	52	13:30	9	6	13:30	21	28
13:45	26	15	13:45	41	30	13:45	4	1	13:45	15	31
14:00	10	10	14:00	14	24	14:00	7	4	14:00	15	15
14:15	12	16	14:15	20	25	14:15	6	2	14:15	15	7
14:30	20	10	14:30	24	11	14:30	1	2	14:30	16	18
14:45	9	11	14:45	29	16	14:45	2	2	14:45	19	13
15:00	14	15	15:00	19	19	15:00	2	0	15:00	12	11
15:15	13	16	15:15	32	19	15:15	0	2	15:15	15	7
15:30	20	11	15:30	79	15	15:30	5	2	15:30	21	11
15:45	16	15	15:45	81	10	15:45	4	1	15:45	22	17
16:00	13	19	16:00	60	14	16:00	0	2	16:00	13	14
16:15	18	15	16:15	26	16	16:15	3	4	16:15	21	14
16:30	21	14	16:30	26	21	16:30	6	0	16:30	18	12
16:45	26	12	16:45	54	25	16:45	11	4	16:45	17	16
17:00	27	15	17:00	35	31	17:00	3	1	17:00	16	23
17:15	16	9	17:15	33	24	17:15	5	2	17:15	27	16
17:30	20	17	17:30	27	28	17:30	4	5	17:30	11	19
17:45	13	8	17:45	16	21	17:45	5	1	17:45	13	18
18:00	18	5	18:00	12	22	18:00	1	2	18:00	6	3
18:15	16	7	18:15	19	27	18:15	0	0	18:15	11	9
18:30	19	11	18:30	25	23	18:30	1	1	18:30	11	18
18:45	18	2	18:45	22	10	18:45	2	3	18:45	5	14
19:00	10	6	19:00	8	21	19:00	1	2	19:00	6	8
19:15	11	10	19:15	17	15	19:15	1	0	19:15	2	12
19:30	7	2	19:30	19	18	19:30	3	0	19:30	4	9
19:45	9	3	19:45	4	24	19:45	3	3	19:45	4	10
Total	779	786	Total	1642	1241	Total	165	144	Total	761	784

APPENDIX B

TRICS DATA

CS CONSULTING
Civil, Structural & Traffic Engineering

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use: 03 - RESIDENTIAL

Category: C - FLATS PRIVATELY OWNED

Total Vehicles

Selected regions and areas:

02	**SOUTH EAST**		
	CT	CENTRAL BEDFORDSHIRE	1 day
	HF	HERTFORDSHIRE	1 day
	PO	PORTSMOUTH	1 day
05	**EAST MIDLANDS**		
	NG	NOTTINGHAM	1 day
08	**NORTH WEST**		
	MS	MERSEYSIDE	1 day

This section displays the number of survey days per TRICS® sub-region in the selected set.

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Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Primary Filtering Selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter:	DWELLS
Actual Range:	0.184 to 3.22 (units:DWELLS)
Range Selected by User:	6 to 724 (units:DWELLS)
Parking Spaces Range:	0 - 550

Public Transport Provision:
Selection by:	All Surveys Included
Date Range:	01/01/16 to 04/09/24

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:
Monday	2 days
Thursday	1 days
Tuesday	2 days

This data displays the number of selected surveys by day of the week.

Selected survey types:
Manual count	5
Direction ATC Count	0

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaking using machines

Selected Locations:
Edge of Town Centre	4 days
Town Centre	1 days

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:
Built-Up Zone	3 days
No Sub Category	1 days
Residential Zone	1 days

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicle Counts:
Servicing vehicles Included	5 days

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Secondary Filtering Selection:

Use Class:

C3	5 surveys

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 500m Range:

750 - 13600

Population within 1 mile:

20,001 to 25,000	1 surveys
25,001 to 50,000	3 surveys
50,001 to 100,000	1 surveys

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

125,001 to 250,000	2 surveys
250,001 to 500,000	3 surveys

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	4 surveys
1.1 to 1.5	1 surveys

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Petrol filling station:

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No	4 surveys
Yes	1 surveys

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	5 surveys

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

COVID-19 Restrictions:

Yes - At least one survey within the selected data set was undertaken at a time of Covid-19 restrictions

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

1	CT-03-C-03	**BLOCKS OF FLATS**	**CENTRAL BEDFORDSHIRE**

COURT DRIVE
DUNSTABLE
Edge of Town Centre
No Sub Category
Site area: 3.22 hect
Survey date: Tuesday 15/05/2018   Survey Type: Manual

2	HF-03-C-03	**BLOCK OF FLATS**	**HERTFORDSHIRE**

SHENLEY ROAD
BOREHAMWOOD
Edge of Town Centre
Built-Up Zone
Site area: 0.5 hect
Survey date: Thursday 14/11/2019   Survey Type: Manual

3	MS-03-C-04	**BLOCK OF FLATS**	**MERSEYSIDE**

HOY DRIVE
NEWTON-LE-WILLOWS
EARLESTOWN
Edge of Town Centre
Residential Zone
Site area: 0.2 hect
Survey date: Monday 12/04/2021   Survey Type: Manual

4	NG-03-C-03	**BLOCK OF FLATS**	**NOTTINGHAM**

CANAL STREET
NOTTINGHAM
Town Centre
Built-Up Zone
Site area: 0.184 hect
Survey date: Monday 02/10/2023   Survey Type: Manual

5	PO-03-C-01	**BLOCKS OF FLATS**	**PORTSMOUTH**

CROSS STREET
PORTSMOUTH
Edge of Town Centre
Built-Up Zone
Site area: 0.54 hect
Survey date: Tuesday 05/06/2018   Survey Type: Manual

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Total Vehicles

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.028	0.131	0.159
08:00-09:00	5	79	0.058	0.179	0.237
09:00-10:00	5	79	0.071	0.063	0.134
10:00-11:00	5	79	0.043	0.068	0.111
11:00-12:00	5	79	0.065	0.078	0.143
12:00-13:00	5	79	0.081	0.098	0.179
13:00-14:00	5	79	0.060	0.063	0.123
14:00-15:00	5	79	0.060	0.060	0.120
15:00-16:00	5	79	0.086	0.050	0.136
16:00-17:00	5	79	0.116	0.060	0.176
17:00-18:00	5	79	0.156	0.086	0.242
18:00-19:00	5	79	0.156	0.103	0.259
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.980	1.039	2.019

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Total People

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.073	0.378	0.451
08:00-09:00	5	79	0.111	0.471	0.582
09:00-10:00	5	79	0.128	0.156	0.284
10:00-11:00	5	79	0.128	0.134	0.262
11:00-12:00	5	79	0.121	0.134	0.255
12:00-13:00	5	79	0.191	0.209	0.400
13:00-14:00	5	79	0.166	0.166	0.332
14:00-15:00	5	79	0.146	0.166	0.312
15:00-16:00	5	79	0.252	0.121	0.373
16:00-17:00	5	79	0.302	0.164	0.466
17:00-18:00	5	79	0.398	0.209	0.607
18:00-19:00	5	79	0.365	0.224	0.589
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			2.381	2.532	4.913

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Cyclists

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.003	0.010	0.013
08:00-09:00	5	79	0.000	0.013	0.013
09:00-10:00	5	79	0.000	0.000	0.000
10:00-11:00	5	79	0.003	0.000	0.003
11:00-12:00	5	79	0.008	0.005	0.013
12:00-13:00	5	79	0.000	0.000	0.000
13:00-14:00	5	79	0.005	0.005	0.010
14:00-15:00	5	79	0.005	0.003	0.008
15:00-16:00	5	79	0.005	0.000	0.005
16:00-17:00	5	79	0.003	0.000	0.003
17:00-18:00	5	79	0.010	0.005	0.015
18:00-19:00	5	79	0.003	0.000	0.003
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.045	0.041	0.086

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

09/09/2025

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

PSVs

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.000	0.000	0.000
08:00-09:00	5	79	0.000	0.000	0.000
09:00-10:00	5	79	0.000	0.000	0.000
10:00-11:00	5	79	0.000	0.000	0.000
11:00-12:00	5	79	0.000	0.000	0.000
12:00-13:00	5	79	0.000	0.000	0.000
13:00-14:00	5	79	0.000	0.000	0.000
14:00-15:00	5	79	0.000	0.000	0.000
15:00-16:00	5	79	0.000	0.000	0.000
16:00-17:00	5	79	0.000	0.000	0.000
17:00-18:00	5	79	0.000	0.000	0.000
18:00-19:00	5	79	0.000	0.000	0.000
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.000	0.000	0.000

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	N/A - N/A
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

OGVs

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.008	0.008	0.016
08:00-09:00	5	79	0.000	0.000	0.000
09:00-10:00	5	79	0.003	0.003	0.006
10:00-11:00	5	79	0.003	0.003	0.006
11:00-12:00	5	79	0.005	0.003	0.008
12:00-13:00	5	79	0.000	0.003	0.003
13:00-14:00	5	79	0.000	0.000	0.000
14:00-15:00	5	79	0.003	0.003	0.006
15:00-16:00	5	79	0.000	0.000	0.000
16:00-17:00	5	79	0.000	0.000	0.000
17:00-18:00	5	79	0.000	0.000	0.000
18:00-19:00	5	79	0.000	0.000	0.000
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.022	0.023	0.045

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Taxis

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.000	0.000	0.000
08:00-09:00	5	79	0.008	0.005	0.013
09:00-10:00	5	79	0.003	0.005	0.008
10:00-11:00	5	79	0.005	0.005	0.010
11:00-12:00	5	79	0.005	0.005	0.010
12:00-13:00	5	79	0.010	0.010	0.020
13:00-14:00	5	79	0.003	0.003	0.006
14:00-15:00	5	79	0.000	0.000	0.000
15:00-16:00	5	79	0.003	0.003	0.006
16:00-17:00	5	79	0.005	0.005	0.010
17:00-18:00	5	79	0.003	0.003	0.006
18:00-19:00	5	79	0.003	0.003	0.006
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.048	0.047	0.095

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

09/09/2025

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Cars

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.008	0.116	0.124
08:00-09:00	5	79	0.043	0.164	0.207
09:00-10:00	5	79	0.058	0.050	0.108
10:00-11:00	5	79	0.028	0.048	0.076
11:00-12:00	5	79	0.045	0.060	0.105
12:00-13:00	5	79	0.050	0.065	0.115
13:00-14:00	5	79	0.045	0.040	0.085
14:00-15:00	5	79	0.053	0.055	0.108
15:00-16:00	5	79	0.068	0.040	0.108
16:00-17:00	5	79	0.101	0.045	0.146
17:00-18:00	5	79	0.141	0.078	0.219
18:00-19:00	5	79	0.149	0.096	0.245
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.789	0.857	1.646

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

LGVs

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.010	0.008	0.018
08:00-09:00	5	79	0.008	0.010	0.018
09:00-10:00	5	79	0.008	0.005	0.013
10:00-11:00	5	79	0.008	0.013	0.021
11:00-12:00	5	79	0.010	0.010	0.020
12:00-13:00	5	79	0.020	0.020	0.040
13:00-14:00	5	79	0.010	0.018	0.028
14:00-15:00	5	79	0.005	0.003	0.008
15:00-16:00	5	79	0.015	0.008	0.023
16:00-17:00	5	79	0.010	0.010	0.020
17:00-18:00	5	79	0.008	0.003	0.011
18:00-19:00	5	79	0.005	0.005	0.010
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.117	0.113	0.230

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Motorcycles

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.003	0.000	0.003
08:00-09:00	5	79	0.000	0.000	0.000
09:00-10:00	5	79	0.000	0.000	0.000
10:00-11:00	5	79	0.000	0.000	0.000
11:00-12:00	5	79	0.000	0.000	0.000
12:00-13:00	5	79	0.000	0.000	0.000
13:00-14:00	5	79	0.003	0.003	0.006
14:00-15:00	5	79	0.000	0.000	0.000
15:00-16:00	5	79	0.000	0.000	0.000
16:00-17:00	5	79	0.000	0.000	0.000
17:00-18:00	5	79	0.005	0.003	0.008
18:00-19:00	5	79	0.000	0.000	0.000
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.011	0.006	0.017

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 14/11/2019
Number of weekdays (Monday-Friday):	2
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Servicing Vehicles

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.018	0.013	0.031
08:00-09:00	5	79	0.008	0.008	0.016
09:00-10:00	5	79	0.013	0.010	0.023
10:00-11:00	5	79	0.008	0.015	0.023
11:00-12:00	5	79	0.015	0.013	0.028
12:00-13:00	5	79	0.008	0.013	0.021
13:00-14:00	5	79	0.008	0.008	0.016
14:00-15:00	5	79	0.005	0.005	0.010
15:00-16:00	5	79	0.010	0.008	0.018
16:00-17:00	5	79	0.005	0.008	0.013
17:00-18:00	5	79	0.000	0.000	0.000
18:00-19:00	5	79	0.005	0.005	0.010
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.103	0.106	0.209

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

09/09/2025

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Vehicle Occupants

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.038	0.189	0.227
08:00-09:00	5	79	0.068	0.272	0.340
09:00-10:00	5	79	0.083	0.073	0.156
10:00-11:00	5	79	0.058	0.083	0.141
11:00-12:00	5	79	0.081	0.086	0.167
12:00-13:00	5	79	0.108	0.134	0.242
13:00-14:00	5	79	0.091	0.068	0.159
14:00-15:00	5	79	0.063	0.078	0.141
15:00-16:00	5	79	0.118	0.055	0.173
16:00-17:00	5	79	0.169	0.065	0.234
17:00-18:00	5	79	0.219	0.111	0.330
18:00-19:00	5	79	0.222	0.123	0.345
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			1.318	1.337	2.655

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Pedestrians

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.030	0.101	0.131
08:00-09:00	5	79	0.025	0.081	0.106
09:00-10:00	5	79	0.043	0.045	0.088
10:00-11:00	5	79	0.058	0.045	0.103
11:00-12:00	5	79	0.018	0.035	0.053
12:00-13:00	5	79	0.058	0.058	0.116
13:00-14:00	5	79	0.053	0.050	0.103
14:00-15:00	5	79	0.050	0.068	0.118
15:00-16:00	5	79	0.060	0.040	0.100
16:00-17:00	5	79	0.078	0.086	0.164
17:00-18:00	5	79	0.093	0.081	0.174
18:00-19:00	5	79	0.081	0.078	0.159
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.647	0.768	1.415

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Public Transport Users

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.003	0.078	0.081
08:00-09:00	5	79	0.018	0.106	0.124
09:00-10:00	5	79	0.003	0.038	0.041
10:00-11:00	5	79	0.010	0.005	0.015
11:00-12:00	5	79	0.015	0.008	0.023
12:00-13:00	5	79	0.025	0.018	0.043
13:00-14:00	5	79	0.018	0.043	0.061
14:00-15:00	5	79	0.028	0.018	0.046
15:00-16:00	5	79	0.068	0.025	0.093
16:00-17:00	5	79	0.053	0.013	0.066
17:00-18:00	5	79	0.076	0.013	0.089
18:00-19:00	5	79	0.060	0.023	0.083
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.377	0.388	0.765

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

09/09/2025
5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Bus/Tram Passengers

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.003	0.048	0.051
08:00-09:00	5	79	0.018	0.101	0.119
09:00-10:00	5	79	0.003	0.033	0.036
10:00-11:00	5	79	0.010	0.005	0.015
11:00-12:00	5	79	0.015	0.008	0.023
12:00-13:00	5	79	0.025	0.015	0.040
13:00-14:00	5	79	0.015	0.043	0.058
14:00-15:00	5	79	0.028	0.018	0.046
15:00-16:00	5	79	0.058	0.025	0.083
16:00-17:00	5	79	0.040	0.013	0.053
17:00-18:00	5	79	0.055	0.013	0.068
18:00-19:00	5	79	0.045	0.018	0.063
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.315	0.340	0.655

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

09/09/2025

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Coach Passengers

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.000	0.000	0.000
08:00-09:00	5	79	0.000	0.000	0.000
09:00-10:00	5	79	0.000	0.000	0.000
10:00-11:00	5	79	0.000	0.000	0.000
11:00-12:00	5	79	0.000	0.000	0.000
12:00-13:00	5	79	0.000	0.000	0.000
13:00-14:00	5	79	0.000	0.000	0.000
14:00-15:00	5	79	0.000	0.000	0.000
15:00-16:00	5	79	0.000	0.000	0.000
16:00-17:00	5	79	0.000	0.000	0.000
17:00-18:00	5	79	0.000	0.000	0.000
18:00-19:00	5	79	0.000	0.000	0.000
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.000	0.000	0.000

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	N/A - N/A
Number of weekdays (Monday-Friday):	0
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

09/09/2025

5d9c3710051a_25252_30c7e75f/0

Audit Code: 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED

Total Rail Passengers

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. DWELLS	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00					
06:00-07:00					
07:00-08:00	5	79	0.000	0.030	0.030
08:00-09:00	5	79	0.000	0.005	0.005
09:00-10:00	5	79	0.000	0.005	0.005
10:00-11:00	5	79	0.003	0.000	0.003
11:00-12:00	5	79	0.005	0.000	0.005
12:00-13:00	5	79	0.000	0.003	0.003
13:00-14:00	5	79	0.000	0.000	0.000
14:00-15:00	5	79	0.003	0.000	0.003
15:00-16:00	5	79	0.008	0.000	0.008
16:00-17:00	5	79	0.013	0.000	0.013
17:00-18:00	5	79	0.020	0.000	0.020
18:00-19:00	5	79	0.010	0.005	0.015
19:00-20:00					
20:00-21:00					
21:00-22:00					
22:00-23:00					
23:00-00:00					
Total Rates:			0.062	0.048	0.110

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

5d9c3710051a_25252_30c7e75f/0

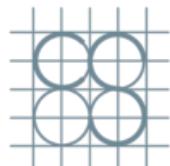**Audit Code:** 20b9a9c4-168a-4d7d-9125-e1ac2cf3a6e8

Parameter Summary:

Trip rate parameter range selected:	6 - 724 (units: DWELLS)
Survey date date range:	15/05/2018 - 02/10/2023
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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