



WILLOWBROOK FULL RESIDENTIAL TRAVEL PLAN – Year 4 (2024) Monitoring Update

Willowbrook, The Street, Bramford, Suffolk

Client: Hopkins Homes Ltd

July 2024 (Rev G)

Project No: 80024

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Contents:-

1. FOREWORD	2
2. INTRODUCTION	4
3. POLICY CONSIDERATION.....	5
4. EXECUTIVE POLICY STATEMENT	5
5. LOCAL ACCESSIBILITY AUDIT.....	7
6. WILLOWBROOK DEVELOPMENT	14
7. TRAVEL ASSESSMENT.....	15
8. RESIDENTIAL TRAVEL PLAN MEASURES.....	18
9. MANAGEMENT AND MONITORING	23
10. MONITORING DATA	26

Figures

- Figure 1 Site Location (Within report text)
- Figure 2 Local Accessibility Plan

Appendices

- Appendix A Development Layout
- Appendix B Local Cycle Map
- Appendix C Local Bus Timetables
- Appendix D TRICS Data
- Appendix E Travel Plan Measures Action Plan
- Appendix F Residential Travel Questionnaire 2024
- Appendix G ATC Data 2024
- Appendix H Manual Count Data 2024

1. FOREWORD

- 1.1. Smarter Travel Ltd (ST Ltd) has been appointed by the Developer – Hopkins Homes - to manage, monitor and promote the residential Travel Plan (TP) for the development of land off The Street, Bramford, Suffolk (known as Willowbrook). The development scheme is for 130 residential dwellings (35% of which are classed as 'Affordable Homes' or 'Shared Ownership' operated by Orbit Homes).
- 1.2. The provision of this updated Full TP is to continue to oblige Section 8 of the Third Schedule of the Section 106 Agreement associated with planning approval Ref: 2986/15 with Mid Suffolk District Council (MSDC). The layout of the development is included in **Appendix A**, which also includes the accommodation schedule, which indicates bedroom numbers and an approximate number of residents upon completion (approximately 186 residents). At the time of this TP update, the development was fully occupied.
- 1.3. A TP is defined as a long term management strategy and package of measures intended to encourage sustainable travel choices for a healthier lifestyle and reduce the reliance on the private car; this effectively requires identification and implementation of a set of interrelated measures and initiatives which will reduce the environmental impact of the travel associated with a development, particularly through the use of public transport, walking and cycling, which reflects current Government policy in respect of transport.
- 1.4. The Travel Plan Coordinator will promote, manage, and monitor the success of the TP and report to Suffolk County Council (SCC) for the monitoring period of five years from the first multi-modal travel survey which was undertaken at approximately 65% dwelling occupation (85th dwelling) of the development. The monitoring period is likely to be completed no earlier than 2025 with the principal objective to have a shift towards sustainable travel from the initial assessment of vehicular travel in the local area.
- 1.5. The development is located east of The Street, Bramford which lies to the northwest of the town of Ipswich. The site is close to key local amenities and public transport services with the centre of Ipswich within about 5km cycle distance.

Definitions

1.6. The following definitions are used throughout this document:

- i. **"Travel Plan"** means a comprehensive "living" document that includes the sustainable travel objectives, targets and commitments, which is updated, amended and supplemented annually under the provisions of the conditions of the planning approval and "Travel Plan Reviews" which are obliged to be undertaken by the Travel Plan Coordinator on behalf of the Developer.
- ii. **"Travel Plan Coordinator (TPC)"** shall mean a permanent representative appointed by the Developer with the appropriate skills, budgetary provision and resources to produce and update a "Travel Plan" and manage the continued implementation of the "Travel Plan" including the provision of information to the Local Authority.
- iii. **"Travel Survey"** means a standardised vehicular survey undertaken annually with manual observations at each principal access point to identify the modes of travel used by the residents and to determine vehicular generation of the development supplemented by multi-modal and postal / online surveys, where required.
- iv. **"Travel Plan Review"** means an update of the TP annually and including the results and analysis of the "Travel survey" indicating how the "Travel Plan" is performing and updating the document as necessary to reflect changes in the local area accordingly.
- v. **"Monitoring Period"** means the time period that the Developer is committed to fund and manage the "Travel Plan" and "Travel Plan Coordinator" to review travel behaviour to/from the site with an aim to reduce private car usage in favour of sustainable modes. This time period is set out as five years after 65% dwelling occupation and agreement with the Local Authority of the "Travel Plan".
- vi. **"Local Authority"** shall mean the relevant district council or county council required to approve the TP. For the proposed development, this is SCC.

2. INTRODUCTION

- 2.1. This document provides the basis from which to refine, expand and develop the TP and promote the objectives within it and is updated annually, following the monitoring period. The travel surveys will be used to help update objectives and measures set out within this TP and commence the monitoring period.
- 2.2. The development is wholly residential and therefore, the TP is an important tool in helping to deliver sustainable communities. This will bring several benefits into the local area, including:
- i) Reducing the need to travel by private car and aim to cut congestion from the housing development.
 - ii) Increasing awareness of sustainable travel alternatives to the private car.
 - iii) Promotion of social inclusion and interaction by identifying that a wide range of transport options are easily available for new residents, including those with disabilities, and that existing amenities are accessible.
 - iv) Helping to reduce greenhouse gas emissions by accommodating those journeys that need to be made by car through information on greener car travel usage. This will aid in addressing the increased emphasis of tackling climate change and reducing impact on the local environment.
 - v) Residents can enjoy improved health, less stress and better quality of life through the increased use of walking, cycling and public transport use. Financial savings over the ownership and running costs of a private car can also be achieved through providing a greater travel choice.
 - vi) Bringing new choices of modes of transport to the wider community with the promotion of a car sharing scheme.
- 2.3. This TP has been prepared with reference to the SCC Travel Plan guidance and Department for Transport (DfT) guidance documents "Using the Planning Process to Secure Travel Plans" (April 2009); "Making Residential Travel Plans Work: Guidelines for New Development" and "Good Practice Guidelines: Delivering Travel Plans through the Planning Process" (April 2009).

3. POLICY CONSIDERATION

National Policy

- 3.1. The DfT document “*Smarter Choices – Changing the Way We Travel*” (2005) demonstrates the efficacy of measures such as the use of car clubs, car sharing schemes, personalised travel planning, travel awareness publicity, etc... The document sets out that the reduction nationwide could be of around 11% in traffic with appropriate TP measures implemented.
- 3.2. The Government’s white paper document “The Future of Transport: a network for 2030” (2004) sets out the vision for a smarter choice of travel in England. The document has identified that marketing to promote sustainable transport can deliver “reductions in car use of between 7% and 15% in urban areas and 2% to 6% in rural and smaller urban areas”.

National Planning Policy Framework (NPPF)

- 3.3. The NPPF and the DfT guidance identifies that the provision of a TP will help to deliver more sustainable transport objectives, including:
- Reductions in car usage (particularly single occupancy journeys) and increased use of public transport, walking and cycling;
 - Reduced traffic speeds and improved road safety and personal security, particularly for pedestrians and cyclists; and
 - More environmentally friendly delivery and freight movements, including home delivery services.

Regional

- 3.4. SCC policy with respect to transport is embodied in the Local Transport Plan. The third Local Transport Plan (LTP3) sets out SCC’s ambitions and objectives for transport.
- 3.5. LTP3 identifies how transport will play its part in supporting and facilitating future sustainable economic growth in Suffolk by:
- Maintaining (and in the future improving) our transport networks;
 - Tackling congestion;
 - Improving access to jobs and markets; and
 - Encouraging a shift to more sustainable travel patterns.
- 3.6. The provision of a TP to support new residents to the area in their choice of travel modes for regular journeys in the local area is a key element in facilitating sustainable development in Suffolk.

4. EXECUTIVE POLICY STATEMENT

- 4.1. Hopkins Homes Ltd have agreed to the TP arrangements that demonstrate the importance of the environmental and health benefits of increasing the

use of more sustainable modes of travel as an alternative to the private car. The Developer is committed to developing and funding this programme, with the support of a TPC, and delivery of measures set out herein to achieve the monitoring targets whilst supporting change in travel habits of residents of this development.

- 4.2. The Developer will be responsible for the ownership of the residential TP for this development for a period of no shorter than the date of the approval by MSDC and SCC of this full version of the TP to five-years post 65% occupation. It is therefore expected that the monitoring period is to end no earlier than 2025.
- 4.3. The appointed TPC can delegate responsibilities to others to assist in the operation and monitoring of the TP. The contact details are set out below. Should the contact details of the TPC change at any time during the monitoring period the following details will be amended accordingly and advised to MSDC and SCC within two months.

<i>Acceptance and Commitment to the Role of Travel Plan Coordinator</i>
Name: Elizabeth Evans
Company: Smarter Travel Ltd
Telephone: 01603 230240 (Mon – Fri; 0900-1700)
Email: Willowbrook@SmarterTravel.uk.com
Website: SmarterTravel.uk.com/willowbrook
Date: July 2024
On behalf of: Hopkins Homes Ltd

5. LOCAL ACCESSIBILITY AUDIT

Site Location

- 5.1. Willowbrook is located within the northern side of Bramford and northwest of the town of Ipswich. The site is bounded to the north and east by agricultural land, to the south by existing dwellings and to the west by The Street (B1067).

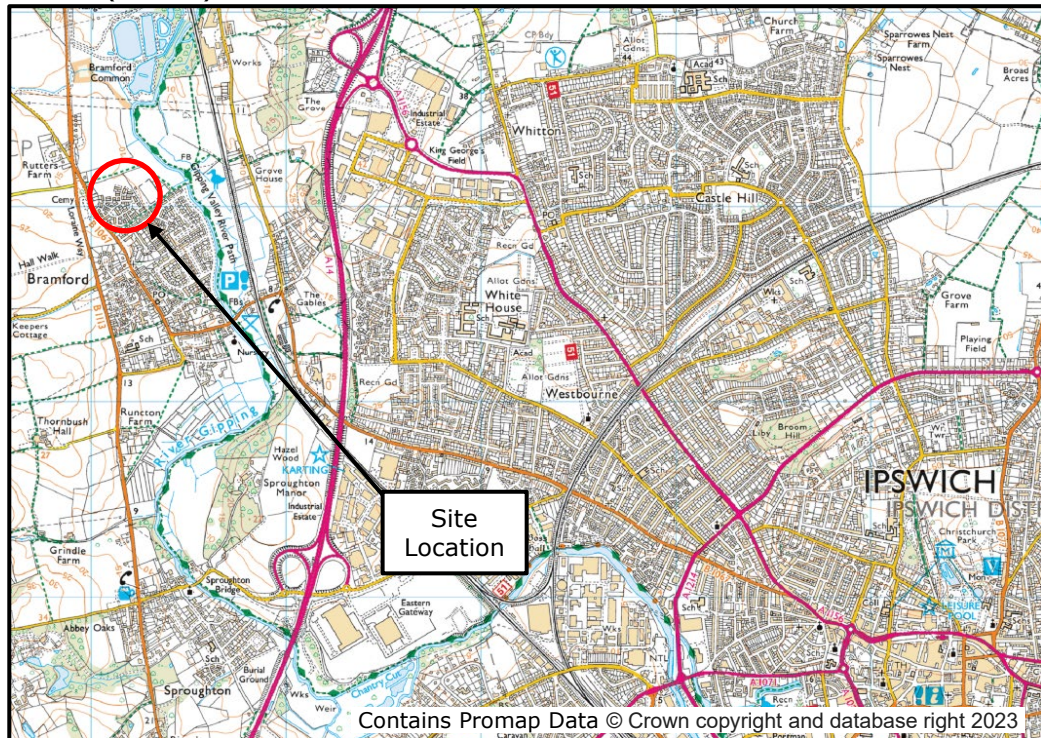


Figure 1 – Site Location

- 5.2. The vehicular access to the site, Stoddart Road, is directly off The Street which is located on the western side of the site. The main access for all modes is via The Street with Public Right of Ways (PRoW) connections off The Street 200m to the north and 100m to the south of the site access. The Street is subject to a 30mph speed limit in the vicinity of the site and serves mainly residential areas.
- 5.3. The B1067 connects with the centre of Bramford (0.7km distance) to the south and the centre of Ipswich (5.7km distance) to the southeast, with further connections to Bury St Edmunds (39km distance north), Colchester (27km distance to the southwest) via the A14 and A12 respectively. Felixstowe is also located 26km to the east of Bramford.

Pedestrian and Cycle Network

- 5.4. The site is well connected for pedestrians and cyclists with direct access from Stoddart Road to The Street, which leads to the B1067 to Ipswich and the B1113 to Sproughton, Great Blakenham and Claydon.
- 5.5. The site is located close to key local amenities in Bramford as detailed in the following paragraphs. Generally, the footways are accessible enough to cater for pedestrian movement especially along the B1067 with provision of a continuous existing footway on its eastern side. The footway route also includes footway lighting, where highway street lighting isn't available to Ipswich. There are adequate walking routes to the nearest primary school (Bramford C of E Primary School) in Bramford and cycling routes to the nearest secondary education school (Wetsbourne Academy) in Ipswich utilising on-road cycling within 30mph speed limits.
- 5.6. On-road Regional Cycle Route 48 utilises the B1067, to connect Bramford with the Westbourne area of Ipswich. A local cycle map is included in **Appendix B** for reference. The Regional Cycle Route connects with the National Cycle Route 51, linking Felixstowe with Cambridge, via Ipswich, at Shakespeare Road near to The Beeches Community Primary School. Locally the National Cycle Route connects with the centre of Ipswich with the major employment areas such as the docks, marina, University Campus Suffolk, Ipswich Hospital, Warren Heath business park, and Martlesham Heath.

Public Transport

- 5.7. The closest current bus stops to Willowbrook are located as follows:
- Bramford (adjacent/opposite) 'Cemetery' stops on The Street, approximately 100m north of the site access.
 - Bramford (adjacent/opposite) 'Acton Road' stops on The Street, approximately 225m south of the site access.
- 5.8. The bus stops at the Cemetery and Acton Road are standard flagpole stops with footway waiting areas.
- 5.9. **Table 5.1** below presents the regular most up to date services which run along The Street (B1067) with timetables included in **Appendix C**. Bus services had dramatically reduced since the Interim TP, which has discouraged residents from using public transport as the bus frequency was hourly providing a good commuter service to Claydon and Ipswich. Additionally, the local bus operator has changed three times since the Interim TP. School bus services have also reduced during the monitoring period and the TPC has received several emails from residents complaining about the lack of suitable local bus services.
- 5.10. A new bus service operated by Ipswich Buses on route 8B commenced in April 2024, providing an hourly connection between the Angle Road southbound stop and Ipswich, operating in a circular route around Bramford, Monday to Saturday.

Table 5.1 – Nearest Local Bus Services

Operator	Service	Frequency
Mulleys Motorways	Ipswich – Bramford – Sproughton – Bramford – Cross Green (No. 111)	Mon to Sat: 4 Departures, 3 Arrivals
	Bildeston – Somersham – Ipswich (No. 111A)	Mon to Sat: 1 Departure (1711)
Ipswich Buses	Ipswich – Sproughton – Bramford – Claydon High School (No. 988)	Mon to Fri: 1 Departure (0759) 1 Return (1505)
Ipswich Buses	Ipswich – Sproughton – Bramford (No. 8B)	Mon to Sat: Hourly (0736 - 1841)

*Correct as of May 2024

- 5.11. Up to date timetable information for each bus route can also be obtained via the websites of each operator or via Traveline website. Links to updated timetables will be promoted to residents.
- 5.12. There are discounts available for 16-19 year olds of 25% off the full adult fare via the Endeavour card. Further concessionary fares are also available for 5-15 year olds. Further information is included on the Travel Plan website for Willowbrook.
- 5.13. Community transport options are also available to residents that may have need for these services. Connecting Communities operate in the area offering those that cannot access local public transport a way to link with bus/train routes that are easily accessible and further information can be found via their website (communities.suffolkonboard.com/book-a-journey/). Community minibuses available to members of BSEVC. Community transport options such as this have been highlighted to residents through the Travel Welcome Pack and TP Website.

Train Services

- 5.14. Ipswich Train Station is located at approximately 6.1km distance from the centre of the site. Although the station is located approximately 21 minutes cycle time from the site it is still expected that some of the residents of the future development could still commute to work by train and travel there via a bicycle. Services can be boarded to the destinations shown on **Table 5.2**.

Table 5.2 – Local Rail Services (as of July 2024)

Destination	Frequency – Daily services		
	Weekdays	Saturdays	Sundays
Cambridge	Every hour	Every hour	Every hour
Felixstowe	Every hour	Every hour	Every hour
Lowestoft	Every hour	Every hour	Every hour
Colchester - London Liverpool Street	3 per hour	3 per hour	2 per hour
Norwich	Every 30 mins	Every 30 mins	Every hour
Peterborough	Every 2 hours	Every 2 hours	Every 2 hours

Source: The Trainline ([greateranglia.co.uk](https://www.greateranglia.co.uk))

- 5.15. Engineering works regularly take place at weekends and during holiday periods, particularly on Sundays and public holidays and users are recommended to check times before travelling.
- 5.16. Intermediate stations and interchanges such as Chelmsford, Colchester, Ely, Stowmarket, Woodbridge and Harwich can also be reached directly from Ipswich.
- 5.17. The station provides sheltered cycle storage for 200 bikes, with 106 of these cycle spaces located in a secure compound. Further, 494 car parking spaces are available for commuters, with 24 accessible spaces. Electric vehicle charging points are available which will be highlighted to those considering the change to electric vehicles or already own an electric vehicle. The station offers step free access to all platforms.
- 5.18. The National Rail Enquiries website ([nationalrail.co.uk](https://www.nationalrail.co.uk)) provides an online journey planning tool and ability to purchase tickets by directing the user to a relevant rail franchise website, in this case Greater Anglia. Favourite journeys can be saved for later recall and live train tracking is available. There is a version of the site optimised for mobile devices and it is also available as a free mobile app for Android and Apple iOS.
- 5.19. Commuters travelling from Ipswich to London, for example, can purchase season tickets at a current cost (May 2024, Greater Anglia) of:
- 1 week £205.40
 - 1 month £788.80
 - 12 months £8,216.00

- 5.20. Flexible season tickets are also available for 8-days travel within a 28-day period. From Ipswich to London, the current cost (May 2024) is £631.00.
- 5.21. Non-commuters can also obtain various rail discounts via railcards (i.e. 16-25s and family and friends).
- 5.22. Overall, services to London Liverpool Street and intermediate destinations along this route are excellent throughout the week. Cambridge and Norwich are also well served by frequent trains with a long daily service period.
- 5.23. A review of 2011 Census data for the Bramford area shows that the use of the train is very low for commuter purposes all of which are to London. This is discussed further, later in this TP.

Local Amenities

- 5.24. The Institution of Highways and Transportation in its publication "Guidelines for Providing for Journeys on Foot" (2000) suggests that an average walking speed of 1.4 m/s can be assumed. Although now superseded, the DfT's document LTN 1/86 "Cyclists at Road Crossings and Junctions" recommended that an average cycling speed of 4m/s can be assumed.
- 5.25. Although also superseded by the NPPF, the Government's document "Planning Policy Guidance 13: Transport" stated that *"walking is the most important mode of travel at the local level and offers the greatest potential to replace short car trips, particularly under 2 kilometres."* The same document also stated that *"cycling also has potential to substitute for short car trips, particularly those under 5km and to form part of a longer journey by public transport."*
- 5.26. Focusing upon the site, **Table 5.3** presents a range of local amenities in the surrounding areas, with the appropriate distance and travel time from the site (correct as of August 2023).

Table 5.3 – List of Nearest Local Amenities

Amenity	Location	Distance from the site	Walking / Cycling time
Nursery	Jigsaw Pre-school, Church Lane, Sproughton, IP8 3BB	2.8km	33mins / 12mins
Primary School	Bramford CEVC Primary School, Duckamere, IP8 4AH	1.0km	12mins / 4mins
Secondary Education	Westbourne Academy, Marlow Road, Ipswich, IP1 5JN	3.7km	15 mins (cycling)
Dentists	Bridge House Dental Practice, Norwich Rd, Ipswich, IP1 4HA	4.3km	18 mins (cycling)
Doctors	Deben Road Surgery, Deben Rd, Ipswich, IP1 5EN	4.35m	18 mins (cycling)
Post Office	Bramford Post Office, The Street, Bramford, IP8 4EB	600m	7mins / 3mins
Convenience Store	Co-op, The Street, Bramford IP8 4DU	680m	8mins / 3mins
Supermarket	Morrisons, Sproughton Road, Ipswich, IP1 5AQ	3.23km	14 mins (cycling)
Public House	The Bramford Cock, The Street, Bramford, IP8 4EB	700m	9 mins (walking)
Place of Worship	Bramford Church of England Church, Vicarage Ln, IP8 4AE	1.15km	14mins / 5mins
Sports Facilities	Bramford Bowls Club, Acton Road, Bramford, IP8 4HU	580m	7mins / 2mins

- 5.27. In conclusion, the development is located well for a number of amenities which are accessible on foot, bicycle or by bus. Further to this the site is located approximately 5.9km from Ipswich Town Centre where further amenities are located. **Figure 2** shows the location of most of the amenities noted above.
- 5.28. The good range of amenity provision in the area should help influence the residents to use more sustainable modes of transport to travel locally, reducing the impact of the development.

Barriers to Sustainable Travel and Accessibility

- 5.29. The potential issues and barriers to the promotion of sustainable travel in association with the site and its locality have been identified as follows:
- Lack of knowledge of potential Car Sharing opportunities;
 - Train services located in excess of 5km at Ipswich for onward connections to large employment locations such as Cambridge and London;

- Poor bus services to employment areas such as Ipswich;
- Perceived accessibility on bicycle to Ipswich Town Centre and surrounding employment areas;
- Perceived quality of facilities (shelters / seating etc) at bus stops.
- Limited or cancelled bus services to schools and colleges within the rural areas.

5.30. The measures and initiatives proposed within this TP will seek to address the identified issues and barriers to sustainable travel and will be fully supported by the Developer for the monitoring period.

Annual Inspection (off-site)

- 5.31. During the monitoring period, at least an annual inspection shall be made prior to each survey by the TPC to review the condition of local footways, cycleways and bus shelters off-site to identify any maintenance issues that could be detrimental to the promotion of sustainable travel. Any maintenance issues seen can then be reported to the relevant department at the Local Authority for remediation and be reported in monitoring reports or TP reviews.
- 5.32. Currently there are no significant maintenance issues offsite in the locality that would detrimentally affect promoting sustainable travel to new residents. The SCC Highways Reporting Tool will be promoted on the TP website to residents as a prompt way to identifying issues to the Highway Authority.
- 5.33. During the latest site visit (Thursday 28th March 2024) it was noted that road surfaces throughout the village and along the B1067 to Ipswich continue to be poorly maintained, as also noted in September 2022. These issues have been previously reported online through the Suffolk Highway Reporting tool.
- 5.34. The new 8B bus service operated by Ipswich Buses was due to commence in April 2024, providing more frequent and convenient public transport to Sroughton and Ipswich. During the site visit, the TPC noted that there is direct footway access to the closest bus stop for the new route; Acton Lane on The Street. This will be of significant benefit to Willowbrook residents as it will provide a convenient alternative to driving.

6. WILLOWBROOK DEVELOPMENT

- 6.1. The Office for National Statistics website has been used to estimate the number of people that could potentially live in the development. The "Key Figures for 2011 Census" for the ward "Bramford & Blakenham" has given the breakdown of number of people living per dwelling: 2524 people living in 1766 households; using this data it has been forecasted that a development of 130 residential dwellings has the potential to accommodate approximately 186 people.
- 6.2. The illustrative layout produced by the Developer's architect, is included in **Appendix A** of this TP.

Access

- 6.3. The main access to the development is from The Street to the west of the site boundary, leading to Stoddard Road. This access is suitable for all modes

Car & Cycle Parking

- 6.4. Secure and sheltered cycle parking spaces are available for the Willowbrook residents of flats, within or adjacent to associated blocks. Residents of houses can store bicycles in garages or storage can be provided in gardens via sheds.

Annual Inspection (on-site)

- 6.5. During the monitoring period, an annual inspection shall be made prior to each survey by the TPC to review the condition of on-site local footways and cycleways to identify any maintenance issues that could be detrimental to the promotion of sustainable travel. Any maintenance issues seen can then be reported to the relevant department at the Developer and / or Local Authority for remediation and be reported in monitoring reports or TP reviews.
- 6.6. At the time of the latest site visit (Thursday 28th March 2024) there were no on-site issues to report. However, the TPC noted that there appeared to be two pathways formed in eroded grassland leading north to a field containing an existing Public Right of Way. Dog walkers were observed using the informal pathways during the site visit. There also appeared to be a gap formed in the hedge leading west to the footway on The Street and the grass has been partly eroded.

7. TRAVEL ASSESSMENT

- 7.1. Prior to occupation the potential vehicular and non-vehicular generation of the development was estimated and is summarised below. This information is included in **Appendix D**, using TRICS data. The original Transport Assessment data was not available to determine what was used in the planning application, therefore a new TRICS data assessment was prepared to support the Interim TP.
- 7.2. The development would have the potential to generate, without a TP, approximately 63 two-way vehicle movements during AM peak hour, 54 two-way vehicle movements during PM peak hour. Over a 12-hour period the development could generate 527 two-way movements.
- 7.3. Further to this, the 2011 Census Statistics have been used to understand the current travel modes and typical work destination for existing residents, these have been used to provide an estimate of typical travel modes that would be utilised from Willowbrook.
- 7.4. The April 2011 Census Statistics – WU03EW – Location of Usual Residence and Place of Work by method of travel to Work for Mid-Suffolk 012 (Middle Super Output Area), which includes the site, is summarised in **Table 7.1**.

Table 7.1 – Method of Travel to work - 2011 Census

Mode of Transport	Number of commuters	Percentage	Main/Secondary Destination Preference
Work at or mainly from home	0	0.0%	N/A
Train	10	0.8%	London / Chelmsford
Bus	125	4.6%	Ipswich / Claydon / Gt Blakenham
Taxi or minicab	4	0.1%	Ipswich
Driving a car or van	2156	79.3%	Ipswich / Stowmarket Area / Felixstowe
Passenger in a car or van (car sharing)	145	5.3%	Ipswich / Stowmarket Area
Motorcycle, scooter or moped	33	1.2%	Ipswich / Stowmarket Area
Bicycle	80	2.9%	Ipswich / Claydon
On foot	15	5.6%	Bramford / Claydon
<i>Total commuting</i>	<i>2719</i>	<i>100.0%</i>	

- 7.5. The table demonstrates that from the Bramford area 8.5% of the commuting was undertaken by cycling and walking, and a further 5.4% of the commuting was undertaken by using public transport.
- 7.6. It is also apparent from the data that the majority of residents within the Bramford area, approximately 44% of all single occupancy car movements shown above, commuted by private car (on their own) to a workplace within

the Ipswich area, which was typically within cycling distance and could be accessed by bus. The promotion of car sharing, bus travel, cycling and walking is therefore considered to be the key mode of travel for this development location. According to Census data, the majority of car trips were to the town centre, southwest town centre, Westbourne and the Warren Heath area (in that order).

Objectives

- 7.7. There are a number of objectives that the implementation of a TP is intended to help fulfil. The main objectives of the residential development are to:
- Reduce the use of single occupancy vehicles through raising awareness of alternative travel modes available – especially for those working in the Ipswich area;
 - Reduce the traffic generated by the development to a lower level of car trips than would be predicted for the site without the implementation of the TP;
 - Promote healthy lifestyles and sustainable, vibrant local communities;
 - Accommodate those journeys that need to be made by car; and
 - Assist in addressing specific problems that prevent children or older people from gaining access to key amenities.

Targets

- 7.8. Targets should be Site-specific, Measurable, Achievable, Realistic and Time-related (SMART). They may be phased year on year and can be by 'aim' type (e.g. percentage using non-car modes by....) or 'action' type (e.g. appoint a TPC by....).
- 7.9. The "aim type" TP targets agreed in the Interim TP are quantifiable and are given over two timescales: short-term (within one year) and long-term (within three years). The suggested key targets are based on the principle objectives of the TP and are as follows:
- Reduce the peak hour vehicular movements shown in **Chapter 7** by 10% within one year of the implementation of the full TP (65% occupation).
 - Reduce the peak hour vehicular movements shown in **Chapter 7** by 15% within three years of the implementation of the full TP.
 - Reduce the 12-hour vehicular trips shown in **Chapter 7** by 10% within three years of the implementation of the full TP.
 - Retain the level of vehicular trips at the third year of the TP monitoring period at the final year of monitoring.
 - Reduce the percentage of people commuting to Ipswich via vehicular travel from 44% to 33% by the fifth year of monitoring.

- 7.10. Additional “aim-type” targets that are not directly related to travel mode are as follows:
- 30% return rate for postal / online surveys issued to residents.
 - 80% of postal / online survey respondents should be aware of the TP and TPC and the services that can be provided.
 - 50% of the respondents to the postal / online survey will have obtained a Personal Travel Plan provided by the TPC.
 - 15% of the dwellings of the development should have requested either their bus ticket or bicycle voucher.
- 7.11. The “action-type” TP targets are non-quantifiable targets and take the form of actions that need to be achieved by a specified date. These targets are based on implementing the Travel Plan measures and therefore aid in meeting the “aim-type” targets and the principal objectives of the TP.

Remedial Measures and Triggers

- 7.12. After each travel survey the TPC will assess if the targets are being achieved for each of the modes of transport. Should the targets not be considered to be to the SMART principles then a review of achievable, realistic targets will be undertaken and submitted to the Local Authorities with supporting evidence to be agreed.
- 7.13. As the agreed targets were not being met after the first and third year travel surveys, the TPC analysed the situation and contacted residents via the annual Travel Survey to request feedback on what prevents people from using more sustainable modes of transport and in the case of this site, what would help them to avoid single occupancy vehicle (SOV) trip. The feedback was then reported to the Council and the Developer via the TP updates to ensure key stakeholders are aware of residents’ barriers to sustainable travel.

8. RESIDENTIAL TRAVEL PLAN MEASURES

- 8.1. The timescale for the implementation of measures is presented in a table included within **Appendix E**. The table details when measures will be put in place during the agreed monitoring period.
- 8.2. A TPC has been appointed prior to any occupation of the site to manage, review and monitor the TP. Contact details are set out in **Chapter 4** with the responsibilities and appointment of the TPC are detailed in **Chapter 9**.

On-site Accessibility

- 8.3. It is essential to ensure that pedestrian and cycle routes are safe and accessible. The site layout is designed to respect the permeability for pedestrians and cyclists. The provision of public open space within the site and direct access to The Street will give a good permeability through the site for pedestrians and cyclists. Also, the routes within the site will be well defined.
- 8.4. The Developer will ensure that the development will have provision for good internet connectivity and availability. This will aid in encouraging home deliveries and working from home.
- 8.5. Through direct communication channels from residents to the TPC, as well as personal site visits, any maintenance issues identified with constructed pedestrian/cyclist routes on site will be identified to the Developer or SCC (as applicable) to be rectified.

Public Transport

- 8.6. An up to date schedule of bus and rail services, within the surrounding area of the site, including route information and service frequencies is permanently available to the residents of the site (see **Marketing and Promotion**). The use of smartphone apps and mobile technology will be promoted so residents can access up to date bus timetables.
- 8.7. The TPC will liaise with bus operators and SCC to ensure that issues raised regularly by residents are considered by the operators if and when necessary, so that the potential use of public transport is maximised.
- 8.8. Residents are also made aware of the seasonal discounts of fares that are currently available for buses and train services through promotional links to relevant websites, through the Willowbrook webpage and social media page.
- 8.9. Each dwelling has been provided the opportunity to gain eight one-week bus travel tickets with local bus services. This was promoted through a "Travel Welcome Pack" that each residential dwelling would have been issued, within 2 weeks, upon moving in to their property. Reminders were sent out in newsletters distributed to all residents.

Walking

- 8.10. Pedestrian routes in the vicinity of the site are adequate, linking with local amenities within Bramford and further to parts of Ipswich. However, the

TPC will liaise with the relevant authority to highlight any maintenance issue if and when necessary.

- 8.11. The residents have been, provided information on pedestrian routes from the site to relevant local amenities within the Travel Welcome Pack. Branded merchandise can also be considered to be given out to residents to promote walking such as travel umbrellas during promotional events.
- 8.12. For those less able to travel by bus or bicycle, active travel vouchers have been provided to those that request it as an alternative to the bus tickets. This voucher is for a value of £150 with an online retailer and can be redeemed on items such as waterproof clothing or rucksacks.
- 8.13. The TPC had meetings prior to 2023 with the local Primary School to encourage any pupils living on the Willowbrook development to walk to school. It was established at the time that there were no pupils living within Willowbrook attending Bramford Primary School.
- 8.14. However, each dwelling had been given the opportunity to request a reflective equipment pack, ideal for children walking or cycling to and from school. This was promoted in the Travel Welcome Pack.

Cycling

- 8.15. The multi-modal survey will provide information about the number of trips made from the development by bicycle. This mode of travel is underrepresented in the area for travelling to/from Ipswich and could be improved.
- 8.16. The TPC will liaise with the relevant authority to ensure that local cycle routes are properly maintained, should residents provide information on issues. The residents will be provided with information and advice concerning appropriate cycle routes from the site to relevant regular destinations via Personal Travel Planning (see **Marketing and Promotion**) and Travel Welcome Packs.
- 8.17. Residents were able to redeem £150, per household, from the Developer for cycling equipment from an online retailer ([decathlon.co.uk](https://www.decathlon.co.uk) or similar) or a local bicycle store. The voucher could be used for walking or cycling equipment. It has been clearly explained within the Travel Welcome Pack how the £150 could have been obtained via completing the initial travel survey.
- 8.18. During September 2022 a door knocking event was due to take place, along with a survey and bike servicing vouchers to be handed out. This was downscaled due to the passing of the late Queen. The team instead hand delivered a letter of information on Smarter Travel with contact information and the cycle service voucher instead which had a 6-month redemption.
- 8.19. Where and when appropriate, an annual bicycle service voucher or on-site bicycle service mechanic will be available to all residents.

Car Sharing

- 8.20. Car sharing represents a relatively convenient alternative form of car travel and potential exists to reduce the total private mileage of the residents.
- 8.21. The TPC will promote the share scheme (liftshare.com/uk), to provide opportunities to car share with residents from the surrounding areas. Residents are made aware of the car share website and encouraged to make use of the information it contains from the outset.
- 8.22. Residents have been made aware of the car sharing scheme via the Travel Welcome Pack, social media, the Willowbrook TP website and through annual newsletters.
- 8.23. A paid Facebook campaign was undertaken in April 2022. The then Suffolk Carshare (part of Liftshare) was promoted to residents of Suffolk, the advertisement reached 7,752 people and there were 123 clicks through to the car sharing website.

Marketing and Promotion

- 8.24. The TPC provided training to the Willowbrook sales staff of the Developer on the aims and objectives of the TP as well as the incentives available to residents. Posters were provided so that sales staff can visually show the sustainable travel options available to them.
- 8.25. It is considered that in order to best promote a change in sustainable travel habits of new residents to an area, it is key to provide information within the first few weeks of moving in. Therefore, each new dwelling was provided with a Travel Welcome Pack within the first few weeks of first occupancy that will direct residents to the development TP website and social media for travel related information and contact details of the TPC. A survey of current intended travel habits was also included within the Travel Welcome Packs to ascertain very early indications of travel behaviour change.
- 8.26. A travel website was created specifically for the development's residents via SmarterTravel.uk.com/Willowbrook that provides links to this TP and summary reports as well as a useful way to contact the TPC for general travel related queries or for Personal Travel Planning. It also provides information set out below and further links to other useful travel related websites:
- Information on what a TP is and the benefits of the scheme;
 - Local area map indicating local amenities (in Travel Welcome Pack);
 - Links to the social media pages and news articles;
 - Information on car sharing, eco-driving, travel information and community transport availability;
 - Personal Travel Plan requests;

- Public transport information including details of the bus mobile app service (explaining what buses and train services, can be taken to access facilities);
 - Cycle and pedestrian route maps (in Travel Welcome Pack);
 - Marketing for the Liftshare website and rail discount card application forms; and
 - Contact details of the TPC for the resident to be able to discuss any travel related problem or to receive further information for their personalised trips.
- 8.27. The TPC will continue, through the use of social media and other marketing materials for the development including an annual newsletter, promote the use of sustainable travel and any nationally promoted travel days such as national bike week, etc.
- 8.28. It is recommended that the TPC undertake promotional events at the following times to increase awareness of the TP. Intended minimum events are as follows:
- Regular marketing to highlight website, social media and cycle voucher / bus ticket promotion as well as Personal Travel Plans and merchandise.
 - At 65% occupation a newsletter was issued to residents, along with free bicycle repair kits, containing a puncture repair kit and basic tools.
 - At 100% occupation, an on-site door knocking event with bike servicing vouchers to each dwelling had taken place.
 - First year summer postal / online survey with an incentive for respondents – completed.
 - Third anniversary summer postal / online survey with an incentive for respondents – completed.
 - General social media content to engage with residents and provide information directly on sustainable travel.
 - An annual newsletter with any updates to public transport services, local events and other travel related information.

Personal Travel Planning

- 8.29. The TPC will provide Personalised Travel Planning to residents who request it. They will be made aware of this scheme by information provided on the website, promotional events and via marketing media issued to them. They can also contact directly the TPC through details given in of this TP.
- 8.30. The above list of measures is not exhaustive and should provide a basis of measures that can be implemented easily. The TPC will identify other measures throughout the life of the plan to aid in achieving the set targets and reducing vehicular travel, primarily SOV usage.

9. MANAGEMENT AND MONITORING

- 9.1. A programme of monitoring and review has been designed to generate information by which the success of the scheme can be evaluated. Monitoring and review will be the responsibility of the TPC.

The Travel Plan Coordinator

- 9.2. The TPC has been identified and appointed – with the contact details set out in **Chapter 4**.
- 9.3. The TP will be managed for a minimum duration of five years as part of the monitoring cycle commencing at 65% occupation. The TPC will be funded by the Developer from appointment prior to first occupation and for the five-year monitoring period (commencing at 65% occupation).
- 9.4. The TPC will take responsibility for the development and management of the TP and ensure its delivery to its completion of the monitoring period. It is important that the TPC makes regular visits to the site and presents the ideals of the TP to the residents and oversees the monitoring and reporting of the TP to the Local Authority.
- 9.5. The TPC is able to provide Personal Travel Planning (PTP) to residents of this development. This service will be provided on demand and be available within 1-2 weeks of residents' requests.
- 9.6. The TPC will ensure that structures for the on-going management of the plan are set up and running effectively, and will help to promote individual measures such as bus tickets, car sharing, etc. This can be undertaken through social media / marketing material, PTP and / or via the development TP website.
- 9.7. The TPC will liaise with the public transport operators, highway authority and / or the Developer in order to report any inadequacies in maintenance to maximise the potential use of sustainable travel options.
- 9.8. The TPC will be responsible for the setting up and security of the residential travel database which will include the results of the multi-modal traffic surveys. In the interest of confidentiality, the TPC alone will hold the database and be responsible for the release of the results to the Local Authority and to the residents (data should be conveyed in an accessible but secure format and compliant with the General Data Protection Regulation 2018 – refer to Smarter Travel Ltd Privacy Policy for more details).
- 9.9. The TP will be reviewed at every completion of the multi modal travel survey, as part of an on-going five-year monitoring process. The TPC will submit details of each review to SCC within two months of the completion of the surveys.

Monitoring

- 9.10. To ascertain whether the residents will already change their mode of travel as a result of moving to this development from another location, a short survey was provided within the Travel Welcome Pack that the resident could

complete to obtain the £150 cycle voucher or an 8 x one-week free bus travel.

- 9.11. In order to identify the travel patterns for the residential development, an annual travel survey will be undertaken on the anniversary of this update. This is to analyse how the residents and visitors actually travel from and to the site when compared to that of the 2011 Census data and that set out in **Chapter 7**.
- 9.12. This mode split of travel will then be able to be used to compare the effectiveness of the TP over the monitoring period. The data should also be used to identify what further measures, if any, are required to further promote the TP and its objectives.
- 9.13. The results of the survey will be issued to SCC as part of the TP review identifying the progress against the original objectives and targets. If the set targets have not been reached the TPC will seek to address and improve use of any mode, which seems to be underrepresented and where greater utilisation could reasonably be achieved and report to SCC.
- 9.14. In addition to the multi-modal traffic surveys noted above, the take-up of additional TP measures will be monitored to demonstrate the impact of the TP on the residential estate, and to understand which measures are successful. The measures to be monitored are:
- The take up of Personal Travel Planning and response to follow up surveys;
 - The level of redemption of the free bus travel; and
 - The level of redemption of the cycle vouchers.

Travel Survey

- 9.15. The multi-modal survey/manual count survey will be undertaken at a cost to the Developer and be at a similar time of the year to provide a comparative assessment. It will be ensured prior to the survey being undertaken that the following circumstances will not affect the outcomes of the surveys:
- School / public holidays;
 - Highway maintenance;
 - Closures on public transport services; and / or
 - Any publicised strike action.
- 9.16. The methodology of undertaking the manual count survey is to have cameras located at the main access points of the development off The Street and record all movements in and out of the site for a 12-hour period (7am to 7pm). Each year will include a 2-week ATC and 12-hour manual count.
- 9.17. The surveys are supplemented with a postal / online survey directly to residents that enables a more direct questioning of their travel habits and

identifies measures that can assist in changing their travel habits to more sustainable means undertaken annually. A copy of the latest postal / online survey questions can be found in **Appendix F**.

- 9.18. To maximise the potential for return of postal / online surveys, an incentive is to be provided for respondents, such as an active travel voucher or shopping voucher. The result of each postal / online survey are issued to the Local Authority via the annual TP reviews.
- 9.19. All online / postal surveys are to be confidential and no names or addresses shall be passed on to any third party (such as a public transport operator) unless prior approval has been given by the participant. The only personal information deemed necessary for the purposes of the TP are as follows:
- Name and address;
 - Age;
 - Telephone number / email address;
 - Whether they have a disability which would affect transport choice;
 - Number and age of any dependants; and
 - Proof of address (if claiming an incentive).
- 9.20. All survey information shall be kept secure by the TPC. Hard copies of any surveys that have any personal information on shall be kept on file in a lockable cabinet for a period of no more than two years and shall be securely destroyed thereafter. Electronic copies of surveys that hold any personal information shall be saved securely on the local server and the file shall be password protected. Electronic copies shall not be kept longer than a period of two years and shall be securely deleted thereafter. Refer to the Smarter Travel Ltd Privacy Policy for more details.

10. MONITORING DATA

This chapter details the annual monitoring results and compares with the 2011 Census data and Transport Assessment figures to monitor modal shift against the Travel Plan targets.

Baseline (2020)

- 10.1. The baseline manual survey was undertaken on 25th June 2020 which was supplemented by a one-week ATC loop counter (20th – 26th June 2020) to provide the baseline multi-modal and longer period survey data. The loop counter was set up at Willowbrook on the main vehicular access to the site, Stoddart Road. It should be noted that this survey was completed during the COVID-19 pandemic, where the Government effectively encouraged individuals to use single occupancy vehicles.

Year 1 (2021)

- 10.2. The first anniversary manual survey was undertaken on 29th June 2021 (temperature high of 17 degrees) which was supplemented by a two-week ATC loop counter (22nd June 2021 onwards) to provide the first anniversary multi-modal and longer period survey data. The loop counter was set up at Willowbrook on the main vehicular access to the site, Stoddart Road. At the time of monitoring 125 dwellings were occupied.
- 10.3. It should be noted that at the time of monitoring, England was subject to COVID-19 guidance including social distancing measures. It was expected that at this date restrictions would be lifted; however, monitoring was undertaken during a 4-week extension of some restrictions. At this time, face coverings were compulsory on public transport and social distancing was still advised.

Year 2 (2022)

- 10.4. The second travel survey was undertaken on 16th June 2022 (dry weather conditions) which was supplemented by a two-week ATC loop counter (7th June 2022 onwards) to provide the second anniversary multi-modal and longer period survey data. The loop counter was set up at Willowbrook on the main vehicular access to the site, Stoddart Road. At the time of monitoring the site was fully occupied at 130 dwellings.

Year 3 (2023)

- 10.5. The third travel survey was undertaken on the 15th June 2023 (dry weather conditions) which was supplemented by a two week ATC loop counter (12th June 2023 to 25th June 2023) to provide the third anniversary multi modal and longer period survey data. The loop counter was set up at Willowbrook on the main vehicular access to the site, Stoddart Road. At the time of monitoring, the site was fully occupied at 130 dwellings.

Year 4 (2024)

- 10.6. The fourth travel survey was undertaken on the 20th June 2024 (dry weather conditions) which was supplemented by a two-week ATC loop counter (13th-26th June 2024) to provide the fourth year anniversary multi modal and

longer period survey data. The loop counter was set up at Willowbrook on the main vehicular access to the site, Stoddard Road. At the time of 2024 monitoring, the site was fully occupied at 130 dwellings.

- 10.7. The modal split identified in the 12-hour manual surveys for each year of monitoring is summarised below in **Table 10.1** and can be compared to the 2020 baseline survey, and 2011 Census Data.

Table 10.1 – Modal Split

Mode of Transport	2011 Census	Baseline 2020	Year 1 2021	Year 2 2022	Year 3 2023	Year 4 2024
Driver of car or van	79%	70%	76%	70%	73%	70%
Passenger in car or van	5%	17%	9%	16%	15%	17%
On foot	6%	10%	13%	11%	9%	9%
Bicycle	3%	3%	0%	1%	1%	2%
Motorcyclist	1%	0%	2%	1%	1%	0%
Other Modes	6%	0%	0%	1%	1%	2%
Total Travel	100%	100%	100%	100%	100%	100%

Note: Figures have been rounded to the nearest whole number for reporting purposes.

- 10.8. **Table 10.1** identifies that there has been a decrease in modal split in relation to driving a car or van when compared to the 2011 Census in the Year 4 monitoring and also showing a reduction from Year 3.
- 10.9. According to the Year 4 dataset, there has been a slight increase in the proportion and actual number of cyclists travelling in and out of the development, but walking has remained stagnated at 9% of overall mode share. The TPC would have expected a slight increase in walking share due to the new bus service introduced close to site with residents walking to the bus stop, but this does not seem to have influence the modal split. The TPC will continue to promote the new bus service, along with active travel, via the Travel Plan webpages, to encourage uptake.
- 10.10. It should be noted that 8% of modal share was consumed by LGVs and OGVs in the 2024 data, perhaps due to the play area being constructed to the north of the development, as when the TPC visited in March 2024 it was still under construction. This can be further reviewed in the 2025 surveys.
- 10.11. The 2024 ATC and Manual Count datasets can be found in **Appendix G** and **Appendix H**, respectively.

- 10.12. **Table 10.2** below summarises the ATC data in terms of trip rate per dwelling with year-on-year comparison, highlighting the fluctuations in comparison to the TRICS estimate.

Table 10.2 – Two-Way Vehicle Trip Rates

	AM Peak Vehicle Trip Rate	PM Peak Vehicle Trip Rate	12-hour Vehicle Trip Rate
TRICS Data	0.486	0.417	4.056
Baseline (2020)	0.217	0.505	4.524
Year 1 (2021)	0.519	0.540	4.910
Year 2 (2022)	0.507	0.574	4.482
Year 3 (2023)	0.556	0.559	4.822
Year 4 (2024)	0.521	0.568	4.618

- 10.13. **Table 10.2** shows a reduction in both AM peak trip rates and 12-hour trip rates in 2024 when compared to the 2023 monitoring period with a slight increase in the PM peak but remaining below the 2022 level. It should be noted that OGVs have been removed from the dataset to reduce potential for anomalous data from construction traffic in the early years, then for consistency in later years of monitoring.
- 10.14. It is clear from the annual datasets that the target of a 15% reduction in vehicular trips by 2023 is not being achieved.

Online Travel Survey 2024

- 10.15. To supplement the ATC data and manual count survey, an online survey was conducted to further understand the resident's travel habits. Travel survey invitations were sent via post to all 130 dwellings and a survey reminder was published on social media in the second week. The survey was live for 3 weeks and was incentivised with a prize draw where residents could win either a £100 Decathlon store voucher, a Fitbit Inspire 3 or a £25 shopping voucher.
- 10.16. 7 out of 130 dwellings responded, achieving a 5.4% response rate. Therefore, it does not meet the target set out in **Chapter 7** to receive a 30% response rate and more will be done in future to encourage responses, including posting reminders and reviewing the prizes offered.
- 10.17. 0 respondents claimed a PTP via the 2024 travel survey. A total of 9 residents claimed a PTP in previous years, but overall this does not meet the target set out in **Chapter 7** to receive a 50% uptake in PTPs from the travel survey.
- 10.18. 43% of respondents stated that they had previously claimed a £150 cycle voucher.
- 10.19. 71% of respondents stated "Yes, I found it helpful" when asked about their thoughts on the Travel Information Pack and 14% stated "I read it but did not find it helpful", which surmises an 85% awareness of the Travel Information Pack and therefore the TPC and additional services, including Personal Travel Plans, thereby achieving the 80% target set out in **Chapter 7**.
- 10.20. The survey enabled respondents to identify which modes of travel they used and how frequently. Car (alone) was the main mode of travel among respondents, 100% drive alone at least 2 days per week but 43% drive alone an average of 4 days per week. This was followed in equal part by 71% walking and 71% working from home 3 days per week. Ranking third was car sharing with 43% car sharing an average of 1 day per week.
- 10.21. Respondents were asked how they would travel if their main mode was unavailable, 57% stated that they would car share, 29% would take the bus and 14% would cycle.
- 10.22. When asked whether the cost-of-living crisis has impacted the way they travel, one respondent stated, *"Public transport in general is so expensive compared to car"*.
- 10.23. Respondents were asked for an additional comments or feedback and one participant stated, *"The new bus service is brilliant, just wish it was more frequent"*.
- 10.24. A copy of the 2024 Travel Survey questions and results can be found in **Appendix F**. Questions requesting personal or identifiable information have been removed for GDPR purposes.

10.25. **Table 10.3** below details the measures intended to be carried out by the TPC during the remaining monitoring period and a timescale for completion.

Table 10.3 - TPC Action Plan

Measure	Action	Timescales
Willowbrook travel plan website & social media	The Willowbrook travel plan website pages and social media channels (Facebook, Instagram, X) will be regularly reviewed and updated with useful information.	Ongoing (as appropriate)
Personal Travel Planning	Personal Travel Plans will be offered to all residents of Willowbrook via the biannual newsletter and Travel Plan webpages.	Ongoing (as appropriate)
Active Travel and Public Transport promotion	Promote walking, cycling, bus and train services throughout the year (as appropriate), including news and incentives.	Ongoing (as appropriate)
Car Sharing promotion	Promote car sharing to residents, including Liftshare campaigns and prize draws.	Ongoing (as appropriate)
Travel Plan Newsletters	Sent to all occupied households, containing relevant travel information, transport updates, travel incentives, useful websites and apps.	Bi-Annual (Spring & Autumn)
Postal / Online Travel Survey	All occupied dwellings to be invited to participate in annual travel survey, to understand travel behaviours, promote PTPs and gain feedback.	Annual (Spring)
Automatic Traffic Count (ATC)	A two-week ATC laid on the vehicular access to monitor traffic in and out of the development.	Annual (Spring)
Manual Traffic Count	A 12-hour manual hour of pedestrian and vehicular movement in and out of site.	Annual (Spring)

Appendices

Appendix A



Appendix B

IPSWICH



Appendix C

Ipswich Central to Bramford

8B



serving:
Tower Ramparts • Sproughton

Bus times from Monday 15th April 2024



Funded by
UK Government

**IPSWICH
BUSES**
taking you places

8B**Ipswich Central | Sproughton | Bramford****Mondays to Saturdays***Service Number*

	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆
Old Cattle Market Bus Station [H]	0710	0810	0910	1010	1110	1210	1310	1410	1510	1610	1715	1815
Tower Ramparts [CC]	0713	0813	0913	1013	1113	1213	1313	1413	1513	1613	1718	1818
Bramford Road, Opp Red Lion PH	0722	0822	0922	1022	1122	1222	1322	1422	1522	1622	1727	1827
Sproughton Road, Opp Farthing Rd Industrial Est.	0726	0826	0926	1026	1126	1226	1326	1426	1526	1626	1731	1831
Sproughton, Wild Man PH	0729	0829	0929	1029	1129	1229	1329	1429	1529	1629	1734	1834
Bramford, Gipping Way	0733	0833	0933	1033	1133	1233	1333	1433	1533	1633	1738	1838

**These journeys
are funded by
UK Government**

Mondays to Saturdays*Service Number*

	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆	8B◆
Bramford, Gipping Way	0735	0835	0935	1035	1135	1235	1335	1435	1535	1635	1740	1840
Bramford, Opp Angel PH	0737	0837	0937	1037	1137	1237	1337	1437	1537	1637	1742	1842
Sproughton, Opp Wild Man PH	0740	0840	0940	1040	1140	1240	1340	1440	1540	1640	1745	1845
Sproughton Road, Farthing Rd Industrial Estate	0743	0843	0943	1043	1143	1243	1343	1443	1543	1643	1748	1848
Bramford Road, Red Lion PH	0747	0847	0947	1047	1147	1247	1347	1447	1547	1647	1752	1852
Old Cattle Market Bus Station	0759	0859	0959	1059	1159	1259	1359	1459	1559	1659	1804	1904



**These journeys
are funded by
UK Government**

Sundays and Bank Holidays - No Service

Code: ◆ - These journeys are sponsored by Suffolk County Council



KEY

-  Bus stops
-  Shopping areas

Contains Ordnance Survey data
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Further Information



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info@ipswichbuses.co.uk

Ipswich Buses customer helpline

01473 344 800

Tower Ramparts Enquiry Office

12 Tower Ramparts

Ipswich

IP1 3DH

Office opening hours

Monday – Friday: 08:30–12:30 | 13:00–17:00

Saturday 10:00–14:00

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**IPSWICH
BUSES**
taking you places

Mondays to Fridays

Ipswich, Old Cattle Market Bus Station (Stand N)	dep	08:50	12:35	15:50	17:40
Ipswich, adj Willis Building		08:51	12:36	15:51	17:41
Ipswich, Willis Building (S-bound)		08:51	12:36	15:51	17:41
Civic Drive Outside AXA Offices, Ipswich		08:52	12:37	15:52	17:42
Civic Drive Opposite Wolsey Theatre, Ipswich		08:53	12:38	15:53	17:43
Ipswich, Barrack Corner (Adjacent)		08:54	12:39	15:54	17:44
Bramford Road Adjacent Wilberforce Street, Westbourne		08:55	12:40	15:55	17:45
Bramford Road Opposite Wellington Street, Westbourne		08:56	12:41	15:56	17:46
Bramford Road Adjacent Sir John Mills Theatre, Westbourne		08:56	12:41	15:56	17:46
Bramford Road Adjacent Tower Mill Road, Westbourne		08:57	12:42	15:57	17:47
Bramford Road Adjacent Riverside Road, Westbourne		08:58	12:43	15:58	17:48
Bramford Road Opposite Red Lion, Westbourne		08:59	12:44	15:59	17:49
Sproughton Road Adjacent Boss Hall Road, Ipswich		09:00	12:45	16:00	17:50
Ipswich, adj Morrisons		09:00	12:45	16:00	17:50
Ipswich, opp Farthing Road		09:01	12:46	16:01	17:51
Sproughton, adj Church Lane		09:03	12:48	16:03	17:53
Sproughton, Wild Man (Adjacent)		09:03	12:48	16:03	17:53
Bramford, adj The Grindle		09:04	12:49	16:04	17:54
Bramford, adj Loraine Way		09:05	12:51	16:05	17:55
Bramford, o/s 40 Fitzgerald Road		09:05	12:51	16:05	17:55
Bramford, opp St Marys Close		09:05	12:52	16:05	17:55
The Street Adjacent Cock, Bramford		09:06	12:52	16:06	17:56
Bramford, adj Broke Avenue			12:53		
Bramford, adj Leggatt Drive			12:53		
Bramford, opp Chapel Field			12:53		
The Street Adjacent Angel, Bramford		09:06		16:06	17:56
Bramford, opp Acton Road		09:06		16:06	17:56
Bramford, adj Cemetery		09:07	12:55	16:07	17:57
Somersham Road Opposite The Beeches, Little Blakenham		09:10	13:00	16:10	18:00
Main Road Adjacent Springfield Road, Somersham		09:14	13:04	16:14	18:04
Somersham, adj Duke of Marlborough		09:15	13:05	16:15	18:05
Ipswich Road Adjacent Limeburners, Offton		09:18	13:08	16:18	18:08
Barking Road Opposite Telephone Box, Willisham			13:12	16:22	18:12
Barking Tye, adj The Tye			13:14	16:24	18:14
Ringshall, opp Village Hall			13:17	16:27	18:17
Wattisham Airfield, opp Bus Shelter			13:20	16:30	18:20
The Street Opposite Chestnut Avenue, Wattisham Airfield			13:20	16:30	18:20
Great Bricett, adj Bricett Hall			13:22	16:32	18:22
Great Bricett, opp The Lodge			13:22	16:32	18:22

Offton, adj The Green	09:19			
Naughton, opp Wallow Lane	09:24	13:24	16:34	18:24
Nedging Tye, opp Bus Shelter	09:25	13:25	16:35	18:25
Bildeston, opp Clock Tower	09:32	13:32	16:42	18:32
Hitcham, o/s White Horse	09:34	13:34		18:35
Hitcham, opp Squirrels Depot	09:34	13:34		18:35
The Causeway Opposite Causeway Estate, Hitcham Causeway	09:35	13:35		18:36
Cross Green, adj Brettenham Road <i>arr</i>	09:36	13:36		18:37
Notes	[1][NSch]	[1]	[1][NSch]	[1]

[1] Sponsored by Suffolk County Council

[NSch] Not Schooldays

Compiled from data for the period Fri 18-Aug-2023 to Thu 24-Aug-2023. Times not in bold are estimated by using the distance between the stops.

Saturdays

Ipswich, Old Cattle Market Bus Station (Stand N)	dep	08:50	12:35	15:50	17:40
Ipswich, adj Willis Building		08:51	12:36	15:51	17:41
Ipswich, Willis Building (S-bound)		08:51	12:36	15:51	17:41
Civic Drive Outside AXA Offices, Ipswich		08:52	12:37	15:52	17:42
Civic Drive Opposite Wolsey Theatre, Ipswich		08:53	12:38	15:53	17:43
Ipswich, Barrack Corner (Adjacent)		08:54	12:39	15:54	17:44
Bramford Road Adjacent Wilberforce Street, Westbourne		08:55	12:40	15:55	17:45
Bramford Road Opposite Wellington Street, Westbourne		08:56	12:41	15:56	17:46
Bramford Road Adjacent Sir John Mills Theatre, Westbourne		08:56	12:41	15:56	17:46
Bramford Road Adjacent Tower Mill Road, Westbourne		08:57	12:42	15:57	17:47
Bramford Road Adjacent Riverside Road, Westbourne		08:58	12:43	15:58	17:48
Bramford Road Opposite Red Lion, Westbourne		08:59	12:44	15:59	17:49
Sproughton Road Adjacent Boss Hall Road, Ipswich		09:00	12:45	16:00	17:50
Ipswich, adj Morrisons		09:00	12:45	16:00	17:50
Ipswich, opp Farthing Road		09:01	12:46	16:01	17:51
Sproughton, adj Church Lane		09:03	12:48	16:03	17:53
Sproughton, Wild Man (Adjacent)		09:03	12:48	16:03	17:53
Bramford, adj The Grindle		09:04	12:49	16:04	17:54
Bramford, adj Loraine Way		09:05	12:51	16:05	17:55
Bramford, o/s 40 Fitzgerald Road		09:05	12:51	16:05	17:55
Bramford, opp St Marys Close		09:05	12:52	16:05	17:55
The Street Adjacent Cock, Bramford		09:06	12:52	16:06	17:56
Bramford, adj Broke Avenue			12:53		
Bramford, adj Leggatt Drive			12:53		
Bramford, opp Chapel Field			12:53		
The Street Adjacent Angel, Bramford		09:06		16:06	17:56
Bramford, opp Acton Road		09:06		16:06	17:56
Bramford, adj Cemetery		09:07	12:55	16:07	17:57
Somersham Road Opposite The Beeches, Little Blakenham		09:10	13:00	16:10	18:00
Main Road Adjacent Springfield Road, Somersham		09:14	13:04	16:14	18:04
Somersham, adj Duke of Marlborough		09:15	13:05	16:15	18:05
Ipswich Road Adjacent Limeburners, Offton		09:18	13:08	16:18	18:08
Barking Road Opposite Telephone Box, Willisham			13:12	16:22	18:12
Barking Tye, adj The Tye			13:14	16:24	18:14
Ringshall, opp Village Hall			13:17	16:27	18:17
Wattisham Airfield, opp Bus Shelter			13:20	16:30	18:20
The Street Opposite Chestnut Avenue, Wattisham Airfield			13:20	16:30	18:20
Great Bricett, adj Bricett Hall			13:22	16:32	18:22
Great Bricett, opp The Lodge			13:22	16:32	18:22

Offton, adj The Green	09:19			
Naughton, opp Wallow Lane	09:24	13:24	16:34	18:24
Nedging Tye, opp Bus Shelter	09:25	13:25	16:35	18:25
Bildeston, opp Clock Tower	09:32	13:32	16:42	18:32
Hitcham, o/s White Horse	09:34	13:34		18:35
Hitcham, opp Squirrels Depot	09:34	13:34		18:35
The Causeway Opposite Causeway Estate, Hitcham Causeway	09:35	13:35		18:36
Cross Green, adj Brettenham Road <i>arr</i>	09:36	13:36		18:37
Notes	[1]	[1]	[1]	[1]

[1] Sponsored by Suffolk County Council

Compiled from data for the period Fri 18-Aug-2023 to Thu 24-Aug-2023. Times not in bold are estimated by using the distance between the stops.

Mondays to Fridays

Cross Green, opp Brettenham Road	dep	07:15	09:40	13:40
The Causeway Adjacent Causeway Estate, Hitcham Causeway		07:16	09:41	13:41
Hitcham, adj Squirrels Depot		07:17	09:42	13:42
Hitcham, opp White Horse		07:17	09:42	13:42
Bildeston, opp Clock Tower		07:20	09:45	13:45
B1078 Outside Bus Shelter, Nedging Tye		07:25	09:50	13:50
B1078 Adjacent Wallow Lane, Naughton		07:26	09:51	13:51
Great Bricett, adj The Lodge		07:28	09:53	13:53
Great Bricett, o/s Bricett Hall		07:28	09:53	13:53
Pound Hill Opposite Wixfield Park, Great Bricett		07:29	09:54	13:54
The Street Adjacent Chestnut Avenue, Wattisham Airfield		07:30	09:55	13:55
Wattisham Airfield, o/s Bus Shelter		07:30	09:55	13:55
Lower Farm Road Adjacent Village Hall, Ringshall		07:33	09:58	13:58
Barking Tye, opp The Tye		07:36	10:01	14:01
Barking Road Outside Telephone Box, Willisham		07:38	10:03	14:03
Offton, opp Limeburners		07:42	10:07	14:07
Somersham, opp Duke of Marlborough		07:45	10:10	14:10
Main Road Opposite Springfield Road, Somersham		07:46	10:11	14:11
Little Blakenham, adj The Beeches		07:51	10:16	14:16
Bramford, opp Cemetery		07:56	10:20	14:21
Bramford, adj Acton Road		07:57		14:22
Bramford, opp Angel		07:57		14:22
Bramford, adj Co-Op		07:57		14:22
Bramford, adj Chapel Field			10:21	
Bramford, opp Leggatt Drive			10:21	
Bramford, opp Broke Avenue			10:22	
Bramford, adj St Marys Close		07:58	10:22	14:23
Bramford, opp 40 Fitzgerald Road		07:58	10:23	14:23
Bramford, Loraine Way (W-bound)		07:58	10:23	14:23
Bramford, opp The Grindle		07:59	10:24	14:24
Sproughton, Wild Man (Opposite)		08:00	10:25	14:25
Sproughton, opp Church Lane		08:00	10:26	14:26
Ipswich, adj Farthing Road		08:03	10:28	14:28
Ipswich, opp Morrisons		08:04	10:29	14:29
Sproughton Road Opposite Boss Hall Road, Ipswich		08:04	10:30	14:30
Bramford Road Adjacent Red Lion, Westbourne		08:05	10:31	14:31
Bramford Road Opposite Riverside Road, Westbourne		08:07	10:32	14:32
Bramford Road Opposite Beaconsfield Road, Westbourne		08:10	10:33	14:33

Bramford Road Opposite Sirdar Road, Westbourne	08:11	10:34	14:34
Bramford Road Opposite Wilberforce Street, Westbourne	08:13	10:35	14:35
Norwich Road Opposite Granville Street, Ipswich	08:15	10:36	14:36
Civic Drive Adjacent Wolsey Theatre, Ipswich	08:18	10:38	14:38
Civic Drive Opposite AXA Offices, Ipswich	08:21	10:39	14:39
Ipswich, Willis Building (opp)	08:23	10:40	14:40
Ipswich, Old Cattle Market Bus Station (Stand N)	08:25	10:41	14:41
Ipswich, adj Willis Building	08:27		
Ipswich, Willis Building (S-bound)	08:27		
Ipswich, adj St Clare House	08:28		
Princes Street Opposite Fire Station, Ipswich	08:30		
Ipswich, Railway Station (Stand R2)	08:32		
Ranelagh Road Opposite Compair Crescent, Ipswich	08:35		
Ranelagh Road Opposite Bingo Hall, Ipswich	08:38		
Ranelagh Road Adjacent McDonald's, Ipswich	08:39		
Gippeswyk Park, Kelly Road (S-bound)	08:42		
London Road Adjacent Orwell Housing Assoc, Chantry Park	08:45		
London Road Adjacent Robin Drive, Chantry Park	08:47		
on site Inside Suffolk One, Chantry	arr 08:55		
Notes	[1]	[1]	[1]

[1] Sponsored by Suffolk County Council

Compiled from data for the period Fri 18-Aug-2023 to Thu 24-Aug-2023. Times not in bold are estimated by using the distance between the stops.

Saturdays

Cross Green, opp Brettenham Road	dep	07:15	09:40	13:40
The Causeway Adjacent Causeway Estate, Hitcham Causeway		07:16	09:41	13:41
Hitcham, adj Squirrels Depot		07:17	09:42	13:42
Hitcham, opp White Horse		07:17	09:42	13:42
Bildeston, opp Clock Tower		07:20	09:45	13:45
B1078 Outside Bus Shelter, Nedging Tye		07:25	09:50	13:50
B1078 Adjacent Wallow Lane, Naughton		07:26	09:51	13:51
Great Bricett, adj The Lodge		07:28	09:53	13:53
Great Bricett, o/s Bricett Hall		07:28	09:53	13:53
Pound Hill Opposite Wixfield Park, Great Bricett		07:29	09:54	13:54
The Street Adjacent Chestnut Avenue, Wattisham Airfield		07:30	09:55	13:55
Wattisham Airfield, o/s Bus Shelter		07:30	09:55	13:55
Lower Farm Road Adjacent Village Hall, Ringshall		07:33	09:58	13:58
Barking Tye, opp The Tye		07:36	10:01	14:01
Barking Road Outside Telephone Box, Willisham		07:38	10:03	14:03
Offton, opp Limeburners		07:42	10:07	14:07
Somersham, opp Duke of Marlborough		07:45	10:10	14:10
Main Road Opposite Springfield Road, Somersham		07:46	10:11	14:11
Little Blakenham, adj The Beeches		07:51	10:16	14:16
Bramford, opp Cemetery		07:56	10:20	14:21
Bramford, adj Acton Road		07:57		14:22
Bramford, opp Angel		07:57		14:22
Bramford, adj Co-Op		07:57		14:22
Bramford, adj Chapel Field			10:21	
Bramford, opp Leggatt Drive			10:21	
Bramford, opp Broke Avenue			10:22	
Bramford, adj St Marys Close		07:58	10:22	14:23
Bramford, opp 40 Fitzgerald Road		07:58	10:23	14:23
Bramford, Loraine Way (W-bound)		07:58	10:23	14:23
Bramford, opp The Grindle		07:59	10:24	14:24
Sproughton, Wild Man (Opposite)		08:00	10:25	14:25
Sproughton, opp Church Lane		08:00	10:26	14:26
Ipswich, adj Farthing Road		08:03	10:28	14:28
Ipswich, opp Morrisons		08:04	10:29	14:29
Sproughton Road Opposite Boss Hall Road, Ipswich		08:04	10:30	14:30
Bramford Road Adjacent Red Lion, Westbourne		08:05	10:31	14:31
Bramford Road Opposite Riverside Road, Westbourne		08:07	10:32	14:32
Bramford Road Opposite Beaconsfield Road, Westbourne		08:10	10:33	14:33

Bramford Road Opposite Sirdar Road, Westbourne	08:11	10:34	14:34
Bramford Road Opposite Wilberforce Street, Westbourne	08:13	10:35	14:35
Norwich Road Opposite Granville Street, Ipswich	08:15	10:36	14:36
Civic Drive Adjacent Wolsey Theatre, Ipswich	08:18	10:38	14:38
Civic Drive Opposite AXA Offices, Ipswich	08:21	10:39	14:39
Ipswich, Willis Building (opp)	08:23	10:40	14:40
Ipswich, Old Cattle Market Bus Station (Stand N)	08:25	10:41	14:41
Ipswich, adj Willis Building	08:27		
Ipswich, Willis Building (S-bound)	08:27		
Ipswich, adj St Clare House	08:28		
Princes Street Opposite Fire Station, Ipswich	08:30		
Ipswich, Railway Station (Stand R2)	08:32		
Ranelagh Road Opposite Compair Crescent, Ipswich	08:35		
Ranelagh Road Opposite Bingo Hall, Ipswich	08:38		
Ranelagh Road Adjacent McDonald's, Ipswich	08:39		
Gippeswyk Park, Kelly Road (S-bound)	08:42		
London Road Adjacent Orwell Housing Assoc, Chantry Park	08:45		
London Road Adjacent Robin Drive, Chantry Park	08:47		
on site Inside Suffolk One, Chantry	arr 08:55		
Notes	[1]	[1]	[1]

[1] Sponsored by Suffolk County Council

Compiled from data for the period Fri 18-Aug-2023 to Thu 24-Aug-2023. Times not in bold are estimated by using the distance between the stops.

Mondays to Fridays

Bildeston, opp Clock Tower	dep 16:45
B1078 Outside Bus Shelter, Nedging Tye	16:50
B1078 Adjacent Wallow Lane, Naughton	16:51
Offton, opp The Green	16:56
Offton, opp Limeburners	16:57
Somersham, opp Duke of Marlborough	17:00
Main Road Opposite Springfield Road, Somersham	17:01
Little Blakenham, adj The Beeches	17:06
Bramford, opp Cemetery	17:11
Bramford, adj Acton Road	17:12
Bramford, opp Angel	17:12
Bramford, adj Co-Op	17:12
Bramford, adj St Marys Close	17:13
Bramford, opp 40 Fitzgerald Road	17:13
Bramford, Loraine Way (W-bound)	17:13
Bramford, opp The Grindle	17:14
Sproughton, Wild Man (Opposite)	17:15
Sproughton, opp Church Lane	17:16
Ipswich, adj Farthing Road	17:18
Ipswich, opp Morrisons	17:19
Sproughton Road Opposite Boss Hall Road, Ipswich	17:20
Bramford Road Adjacent Red Lion, Westbourne	17:21
Bramford Road Opposite Riverside Road, Westbourne	17:22
Bramford Road Opposite Beaconsfield Road, Westbourne	17:23
Bramford Road Opposite Sirdar Road, Westbourne	17:24
Bramford Road Opposite Wilberforce Street, Westbourne	17:25
Norwich Road Opposite Granville Street, Ipswich	17:26
Civic Drive Adjacent Wolsey Theatre, Ipswich	17:28
Civic Drive Opposite AXA Offices, Ipswich	17:29
Ipswich, Willis Building (opp)	17:30
Ipswich, Old Cattle Market Bus Station (Stand N)	arr 17:31

Notes [1]

[1] Sponsored by Suffolk County Council

Compiled from data for the period Fri 18-Aug-2023 to Thu 24-Aug-2023. Times not in bold are estimated by using the distance between the stops.

Saturdays

Bildeston, opp Clock Tower	dep 16:45
B1078 Outside Bus Shelter, Nedging Tye	16:50
B1078 Adjacent Wallow Lane, Naughton	16:51
Offton, opp The Green	16:56
Offton, opp Limeburners	16:57
Somersham, opp Duke of Marlborough	17:00
Main Road Opposite Springfield Road, Somersham	17:01
Little Blakenham, adj The Beeches	17:06
Bramford, opp Cemetery	17:11
Bramford, adj Acton Road	17:12
Bramford, opp Angel	17:12
Bramford, adj Co-Op	17:12
Bramford, adj St Marys Close	17:13
Bramford, opp 40 Fitzgerald Road	17:13
Bramford, Loraine Way (W-bound)	17:13
Bramford, opp The Grindle	17:14
Sproughton, Wild Man (Opposite)	17:15
Sproughton, opp Church Lane	17:16
Ipswich, adj Farthing Road	17:18
Ipswich, opp Morrisons	17:19
Sproughton Road Opposite Boss Hall Road, Ipswich	17:20
Bramford Road Adjacent Red Lion, Westbourne	17:21
Bramford Road Opposite Riverside Road, Westbourne	17:22
Bramford Road Opposite Beaconsfield Road, Westbourne	17:23
Bramford Road Opposite Sirdar Road, Westbourne	17:24
Bramford Road Opposite Wilberforce Street, Westbourne	17:25
Norwich Road Opposite Granville Street, Ipswich	17:26
Civic Drive Adjacent Wolsey Theatre, Ipswich	17:28
Civic Drive Opposite AXA Offices, Ipswich	17:29
Ipswich, Willis Building (opp)	17:30
Ipswich, Old Cattle Market Bus Station (Stand N)	arr 17:31

Notes [1]

[1] Sponsored by Suffolk County Council

Compiled from data for the period Fri 18-Aug-2023 to Thu 24-Aug-2023. Times not in bold are estimated by using the distance between the stops.

988**Ipswich | Sproughton | Bramford | Claydon High School****Schooldays only***Service Number* **988**

Ipswich, Dickens Road	0740
Ipswich, Hadleigh Road - Chantry Park Gates	0742
A1071, Bus Shelter adj to the Beagel	0748
Sproughton, Wild Man PH	0752
Bramford opp Coop	0757
Bramford, Acton Road	0759
Claydon High School	0807

Service Number **988**

Claydon High School	1500
Bramford, Acton Road	1505
Bramford opp Coop	1507
Sproughton, Wild Man PH	1510
Ipswich, Hadleigh Road - Chantry Park Gates	1515
Ipswich, Dickens Road	1519

No service on any other days

Appendix D

Calculation Reference: AUDIT-738101-180719-0733

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
Category : A - HOUSES PRIVATELY OWNED
VEHICLES

Selected regions and areas:

06	WEST MIDLANDS	
	SH SHROPSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	NY NORTH YORKSHIRE	1 days
09	NORTH	
	DH DURHAM	1 days

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

Secondary 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:	Number of dwellings
Actual Range:	50 to 71 (units:)
Range Selected by User:	50 to 499 (units:)

Public Transport Provision:

Selection by:	Include all surveys
---------------	---------------------

Date Range:	01/01/10 to 27/11/17
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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:

Tuesday	2 days
Thursday	1 days

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

Selected survey types:

Manual count	3 days
Directional ATC Count	0 days

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 undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	1
Edge of Town	2

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:

Residential Zone	2
No Sub Category	1

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.

Secondary Filtering selection:

Use Class:

C3	3 days
----	--------

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Secondary Filtering selection (Cont.):

Population within 1 mile:

5,001 to 10,000	2 days
10,001 to 15,000	1 days

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

Population within 5 miles:

25,001 to 50,000	1 days
75,001 to 100,000	2 days

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	1 days
1.1 to 1.5	2 days

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.

Travel Plan:

No	3 days
----	--------

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	3 days
-----------------	--------

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

- 1 DH-03-A-01 SEMI DETACHED DURHAM
GREENFIELDS ROAD

BISHOP AUCKLAND
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 50
Survey date: TUESDAY 28/03/17 *Survey Type: MANUAL*
- 2 NY-03-A-10 HOUSES AND FLATS NORTH YORKSHIRE
BOROUGHBRIDGE ROAD

RIPON
Edge of Town
No Sub Category
Total Number of dwellings: 71
Survey date: TUESDAY 17/09/13 *Survey Type: MANUAL*
- 3 SH-03-A-05 SEMI-DETACHED/TERRACED SHROPSHIRE
SANDCROFT
SUTTON HILL
TELFORD
Edge of Town
Residential Zone
Total Number of dwellings: 54
Survey date: THURSDAY 24/10/13 *Survey Type: MANUAL*

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
FA-03-A-02	too close to town centre
KC-03-A-03	Too close to town centre and train station
KC-03-A-06	too close to train station
KC-03-A-07	too close to train station
SC-03-A-04	too close to train station
SY-03-A-01	too close to city
WS-03-A-07	PT accessibility too low

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
VEHICLES

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 130 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
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	3	58	0.086	11.143	3	58	0.211	27.486	3	58	0.297	38.629
08:00 - 09:00	3	58	0.120	15.600	3	58	0.366	47.543	3	58	0.486	63.143
09:00 - 10:00	3	58	0.131	17.086	3	58	0.160	20.800	3	58	0.291	37.886
10:00 - 11:00	3	58	0.103	13.371	3	58	0.137	17.829	3	58	0.240	31.200
11:00 - 12:00	3	58	0.160	20.800	3	58	0.177	23.029	3	58	0.337	43.829
12:00 - 13:00	3	58	0.154	20.057	3	58	0.137	17.829	3	58	0.291	37.886
13:00 - 14:00	3	58	0.143	18.571	3	58	0.183	23.771	3	58	0.326	42.342
14:00 - 15:00	3	58	0.143	18.571	3	58	0.171	22.286	3	58	0.314	40.857
15:00 - 16:00	3	58	0.194	25.257	3	58	0.120	15.600	3	58	0.314	40.857
16:00 - 17:00	3	58	0.257	33.429	3	58	0.126	16.343	3	58	0.383	49.772
17:00 - 18:00	3	58	0.331	43.086	3	58	0.086	11.143	3	58	0.417	54.229
18:00 - 19:00	3	58	0.234	30.457	3	58	0.126	16.343	3	58	0.360	46.800
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			2.056	267.428			2.000	260.002			4.056	527.430

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.*

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Parameter summary

Trip rate parameter range selected:	50 - 71 (units:)
Survey date date range:	01/01/10 - 27/11/17
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	7

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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

TAXIS

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 130 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
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	3	58	0.023	2.971	3	58	0.023	2.971	3	58	0.046	5.942
08:00 - 09:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
09:00 - 10:00	3	58	0.017	2.229	3	58	0.011	1.486	3	58	0.028	3.715
10:00 - 11:00	3	58	0.000	0.000	3	58	0.006	0.743	3	58	0.006	0.743
11:00 - 12:00	3	58	0.011	1.486	3	58	0.011	1.486	3	58	0.022	2.972
12:00 - 13:00	3	58	0.006	0.743	3	58	0.006	0.743	3	58	0.012	1.486
13:00 - 14:00	3	58	0.006	0.743	3	58	0.006	0.743	3	58	0.012	1.486
14:00 - 15:00	3	58	0.011	1.486	3	58	0.011	1.486	3	58	0.022	2.972
15:00 - 16:00	3	58	0.011	1.486	3	58	0.011	1.486	3	58	0.022	2.972
16:00 - 17:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
17:00 - 18:00	3	58	0.006	0.743	3	58	0.006	0.743	3	58	0.012	1.486
18:00 - 19:00	3	58	0.006	0.743	3	58	0.006	0.743	3	58	0.012	1.486
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.097	12.630			0.097	12.630			0.194	25.260

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.

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Parameter summary

Trip rate parameter range selected:	50 - 71 (units:)
Survey date date range:	01/01/10 - 27/11/17
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	7

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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

OGVS

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 130 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
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	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
08:00 - 09:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
09:00 - 10:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
10:00 - 11:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
11:00 - 12:00	3	58	0.006	0.743	3	58	0.000	0.000	3	58	0.006	0.743
12:00 - 13:00	3	58	0.000	0.000	3	58	0.006	0.743	3	58	0.006	0.743
13:00 - 14:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
14:00 - 15:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
15:00 - 16:00	3	58	0.006	0.743	3	58	0.000	0.000	3	58	0.006	0.743
16:00 - 17:00	3	58	0.000	0.000	3	58	0.006	0.743	3	58	0.006	0.743
17:00 - 18:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
18:00 - 19:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.012	1.486			0.012	1.486			0.024	2.972

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.

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Parameter summary

Trip rate parameter range selected:	50 - 71 (units:)
Survey date date range:	01/01/10 - 27/11/17
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	7

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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

PSVS

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 130 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
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	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
08:00 - 09:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
09:00 - 10:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
10:00 - 11:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
11:00 - 12:00	3	58	0.011	1.486	3	58	0.011	1.486	3	58	0.022	2.972
12:00 - 13:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
13:00 - 14:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
14:00 - 15:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
15:00 - 16:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
16:00 - 17:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
17:00 - 18:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
18:00 - 19:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.011	1.486			0.011	1.486			0.022	2.972

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.

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Parameter summary

Trip rate parameter range selected:	50 - 71 (units:)
Survey date date range:	01/01/10 - 27/11/17
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	7

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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
CYCLISTS

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 130 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
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	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
08:00 - 09:00	3	58	0.000	0.000	3	58	0.034	4.457	3	58	0.034	4.457
09:00 - 10:00	3	58	0.000	0.000	3	58	0.023	2.971	3	58	0.023	2.971
10:00 - 11:00	3	58	0.011	1.486	3	58	0.017	2.229	3	58	0.028	3.715
11:00 - 12:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
12:00 - 13:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
13:00 - 14:00	3	58	0.017	2.229	3	58	0.006	0.743	3	58	0.023	2.972
14:00 - 15:00	3	58	0.006	0.743	3	58	0.000	0.000	3	58	0.006	0.743
15:00 - 16:00	3	58	0.011	1.486	3	58	0.006	0.743	3	58	0.017	2.229
16:00 - 17:00	3	58	0.034	4.457	3	58	0.006	0.743	3	58	0.040	5.200
17:00 - 18:00	3	58	0.011	1.486	3	58	0.000	0.000	3	58	0.011	1.486
18:00 - 19:00	3	58	0.006	0.743	3	58	0.006	0.743	3	58	0.012	1.486
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.096	12.630			0.098	12.629			0.194	25.259

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.

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Parameter summary

Trip rate parameter range selected:	50 - 71 (units:)
Survey date date range:	01/01/10 - 27/11/17
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	7

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 shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
CARS

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 130 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
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	3	58	0.000	0.000	3	58	0.017	2.229	3	58	0.017	2.229
08:00 - 09:00	3	58	0.006	0.743	3	58	0.040	5.200	3	58	0.046	5.943
09:00 - 10:00	3	58	0.011	1.486	3	58	0.040	5.200	3	58	0.051	6.686
10:00 - 11:00	3	58	0.017	2.229	3	58	0.040	5.200	3	58	0.057	7.429
11:00 - 12:00	3	58	0.023	2.971	3	58	0.040	5.200	3	58	0.063	8.171
12:00 - 13:00	3	58	0.040	5.200	3	58	0.029	3.714	3	58	0.069	8.914
13:00 - 14:00	3	58	0.029	3.714	3	58	0.034	4.457	3	58	0.063	8.171
14:00 - 15:00	3	58	0.023	2.971	3	58	0.057	7.429	3	58	0.080	10.400
15:00 - 16:00	3	58	0.040	5.200	3	58	0.023	2.971	3	58	0.063	8.171
16:00 - 17:00	3	58	0.029	3.714	3	58	0.011	1.486	3	58	0.040	5.200
17:00 - 18:00	3	58	0.063	8.171	3	58	0.006	0.743	3	58	0.069	8.914
18:00 - 19:00	3	58	0.040	5.200	3	58	0.017	2.229	3	58	0.057	7.429
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.321	41.599			0.354	46.058			0.675	87.657

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.

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Parameter summary

Trip rate parameter range selected:	50 - 71 (units:)
Survey date date range:	01/01/10 - 27/11/17
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	7

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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

LGVS

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 130 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
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	3	58	0.011	1.486	3	58	0.017	2.229	3	58	0.028	3.715
08:00 - 09:00	3	58	0.023	2.971	3	58	0.029	3.714	3	58	0.052	6.685
09:00 - 10:00	3	58	0.029	3.714	3	58	0.006	0.743	3	58	0.035	4.457
10:00 - 11:00	3	58	0.023	2.971	3	58	0.023	2.971	3	58	0.046	5.942
11:00 - 12:00	3	58	0.011	1.486	3	58	0.029	3.714	3	58	0.040	5.200
12:00 - 13:00	3	58	0.011	1.486	3	58	0.006	0.743	3	58	0.017	2.229
13:00 - 14:00	3	58	0.034	4.457	3	58	0.017	2.229	3	58	0.051	6.686
14:00 - 15:00	3	58	0.023	2.971	3	58	0.023	2.971	3	58	0.046	5.942
15:00 - 16:00	3	58	0.006	0.743	3	58	0.000	0.000	3	58	0.006	0.743
16:00 - 17:00	3	58	0.017	2.229	3	58	0.023	2.971	3	58	0.040	5.200
17:00 - 18:00	3	58	0.040	5.200	3	58	0.011	1.486	3	58	0.051	6.686
18:00 - 19:00	3	58	0.017	2.229	3	58	0.040	5.200	3	58	0.057	7.429
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.245	31.943			0.224	28.971			0.469	60.914

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.

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Parameter summary

Trip rate parameter range selected:	50 - 71 (units:)
Survey date date range:	01/01/10 - 27/11/17
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	7

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.

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED
MOTOR CYCLES

Calculation factor: 1 DWELLS

Estimated TRIP rate value per 130 DWELLS shown in shaded columns

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS				DEPARTURES				TOTALS			
	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
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	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
08:00 - 09:00	3	58	0.000	0.000	3	58	0.006	0.743	3	58	0.006	0.743
09:00 - 10:00	3	58	0.000	0.000	3	58	0.006	0.743	3	58	0.006	0.743
10:00 - 11:00	3	58	0.011	1.486	3	58	0.000	0.000	3	58	0.011	1.486
11:00 - 12:00	3	58	0.006	0.743	3	58	0.000	0.000	3	58	0.006	0.743
12:00 - 13:00	3	58	0.006	0.743	3	58	0.006	0.743	3	58	0.012	1.486
13:00 - 14:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
14:00 - 15:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
15:00 - 16:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
16:00 - 17:00	3	58	0.006	0.743	3	58	0.000	0.000	3	58	0.006	0.743
17:00 - 18:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
18:00 - 19:00	3	58	0.000	0.000	3	58	0.000	0.000	3	58	0.000	0.000
19:00 - 20:00												
20:00 - 21:00												
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.029	3.715			0.018	2.229			0.047	5.944

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.

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Parameter summary

Trip rate parameter range selected:	50 - 71 (units:)
Survey date date range:	01/01/10 - 27/11/17
Number of weekdays (Monday-Friday):	3
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
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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.

Appendix E

Appendix E – Travel Plan Measures Action Plan

Measure	Action	Impact	Cost	Timescales
1. Travel Plan Coordinator (TPC)	Appoint TPC to promote, manage and monitor the Travel Plan and associated measures.	High	High	Completed.
2. Update and finalise Interim Travel Plan	Upon appointment of TPC, update the Travel Plan on the plan of action for the forthcoming monitoring period. Submit to SCC for approval.	Medium	Low	Completed.
3. Travel website page and Social Media	Maintain and regularly update the website and social media with appropriate Travel Plan information.	Medium	Medium	Completed.
4. Travel Welcome Packs	Create Travel Welcome Packs for residents and issue within two weeks of occupation. Provide online version for future residents.	High	Medium	Completed.
5. Active Travel Voucher	Coordinate the use of a £150 voucher for cycling equipment.	Medium	Medium	Completed.
6. Bus Vouchers	Work with local bus operators to provide 8 x one-week tickets for travel on local bus services in the area.	Medium	Low	Completed.
7. Children's Travel Safety Pack	Provide each dwelling with the opportunity to claim a free reflector kit for children in the household.	Medium	Low	On-going as per residents' requests.
8. Hopkins Homes on-site sales staff training and promotional posters	Provide TP training to sales staff and provide posters for promotion of travel options to potential residents.	Low	Low	Completed.
9. Car Sharing	Promote the car sharing websites to residents via marketing media and Travel Welcome Packs.	Medium	Low	On-going.
10. Personal Travel Planning	Provide information to residents on how to obtain a Personal Travel Plan and benefits that can be received.	High	Medium	On-going.
11. TP Promotional Event	Undertake promotional TP event to promote Personal Travel Planning and bicycle surgery. Free promotional material to be provided.	Medium	Medium	Completed 2022.
13. Local Primary School	TPC to contact the local Primary School TPC to collaborate on the	Medium	Low	Completed.

Measure	Action	Impact	Cost	Timescales
Promotion	promotion of walking and cycling to school.			
14. Travel Survey	Multi-modal travel surveys.	N/A	Low	Annual (Spring).
	Undertake online / postal surveys of residents.	Low	Medium	Annual (Spring).
15. Promotion and Awareness of Travel Plan	Facilitation of Travel Plan promotion and marketing throughout the year.	Medium	Low – Medium	On-going as per residents' requests.
16. Monitoring and Review	Update Travel Plan and keep residents and SCC informed of the outcomes of the Travel Plan against the targets.	Medium	Medium	Annually, within two months of monitoring.

Appendix F

Willowbrook Travel Survey May 2024

7 responses

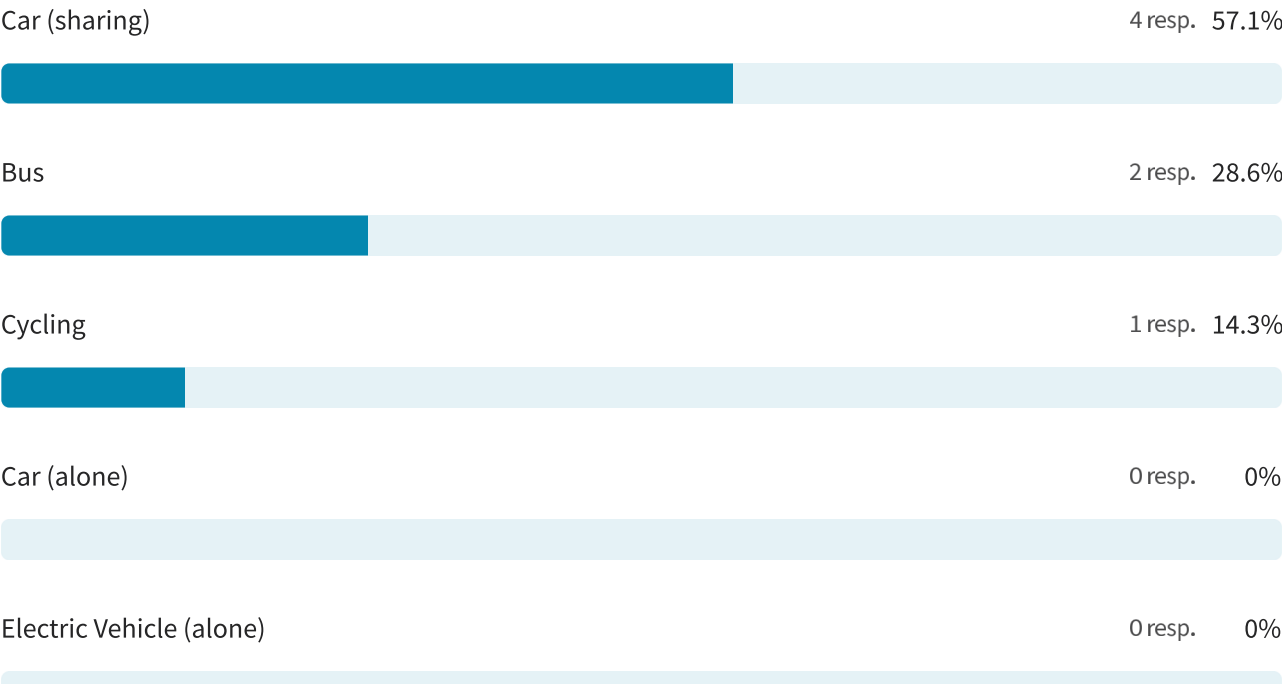
Would you like a free Personal Travel Plan?

7 out of 7 answered



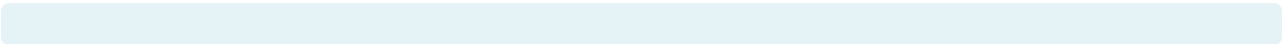
If your main mode of travel was unavailable, how would you get around?

7 out of 7 answered

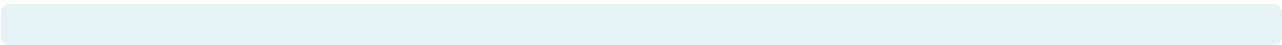




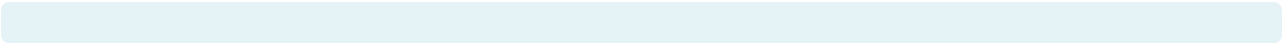
Electric Vehicle (sharing) 0 resp. 0%



Motorbike 0 resp. 0%



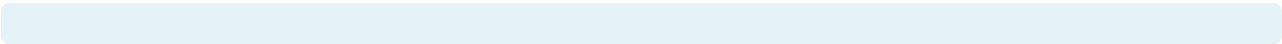
Other 0 resp. 0%



Park & Ride 0 resp. 0%



Train 0 resp. 0%



Walking 0 resp. 0%



Work from Home 0 resp. 0%



Are you aware of the new 8B bus route serving Bramford - Sproughton - Ipswich?

0 out of 7 answered

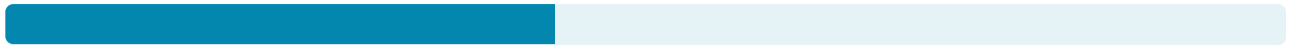
Nobody answered this question yet



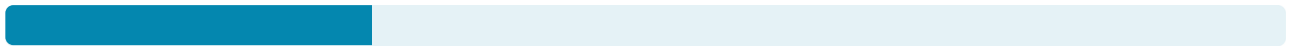
Would you consider car sharing regularly?

7 out of 7 answered

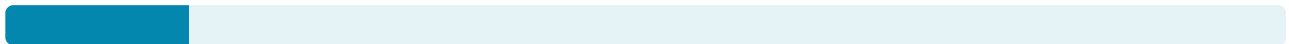
No, I have family / child commitments (i.e. school run) 3 resp. 42.9%



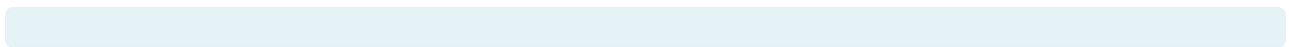
Yes, if I could find someone to share with 2 resp. 28.6%



I already car share regularly 1 resp. 14.3%



I cannot travel by car due to mobility considerations 0 resp. 0%



No, I prefer to walk / cycle 0 resp. 0%



No, I prefer using public transport 0 resp. 0%



Yes, if I could find someone on the same shifts as me 0 resp. 0%



Yes, if it was incentivised (i.e. work perks; priority parking) 0 resp. 0%



Other 1 resp. 14.3%



What is stopping you from travelling more sustainably?

7 out of 7 answered

I need my vehicle due to family / child care 3 resp. 42.9%



I don't think I have any other options2 resp. 28.6%



Bus times don't suit my needs1 resp. 14.3%



I can't walk / cycle to my regular destinations - too far away1 resp. 14.3%



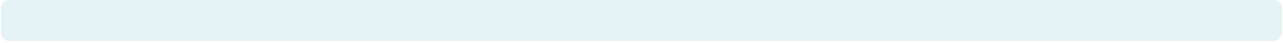
Public transport seems too expensive1 resp. 14.3%



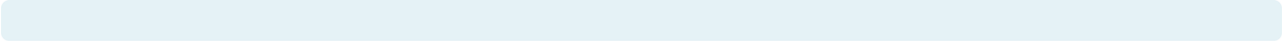
Surrounding roads aren't safe to walk / cycle1 resp. 14.3%



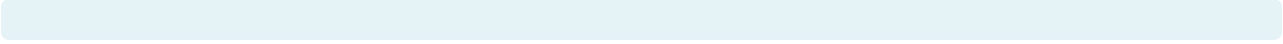
I haven't found anyone to car share with0 resp. 0%



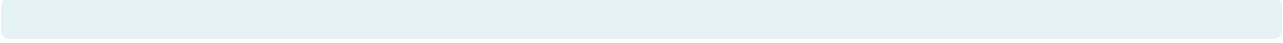
I need my vehicle to assist with my limited mobility0 resp. 0%



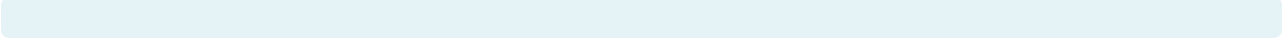
I need my vehicle to carry out my job role0 resp. 0%



There are no shower / changing facilities at work0 resp. 0%



Other0 resp. 0%

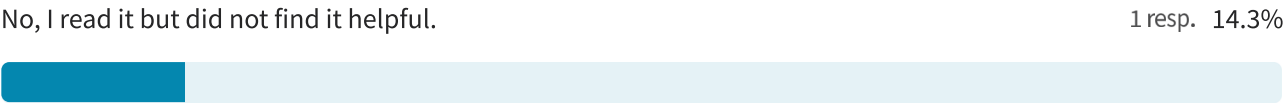
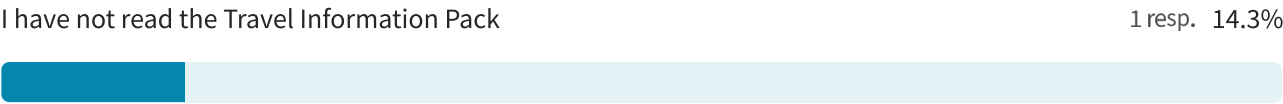


Has the Travel Information Pack helped you make informed decisions about the way you travel?

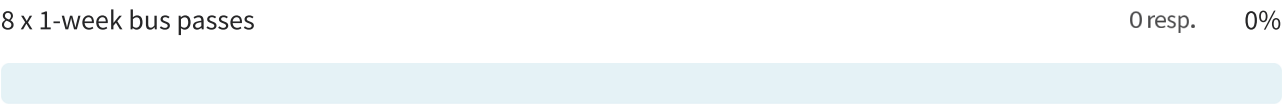
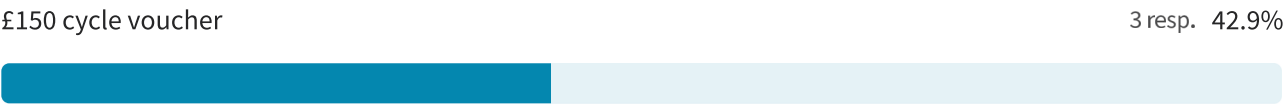
7 out of 7 answered

Yes, I found it helpful.5 resp. 71.4%





Which travel voucher did you claim?
7 out of 7 answered



Powered by Typeform

How many days of the week do you regularly travel and which mode do you use?

7 out of 7 answered

	0	1	2	3	4	5	6	7
Car (alone)	0%	0%	28.6%	28.6%	0%	42.9%	0%	0%
Car (sharing)	57.1%	14.3%	14.3%	0%	14.3%	0%	0%	0%
Electric Car (alone)	100%	0%	0%	0%	0%	0%	0%	0%
Electric Car (sharing)	100%	0%	0%	0%	0%	0%	0%	0%
Walk	28.6%	28.6%	0%	14.3%	14.3%	0%	0%	14.3%
Cycle	100%	0%	0%	0%	0%	0%	0%	0%
Bus	100%	0%	0%	0%	0%	0%	0%	0%
Train	71.4%	14.3%	14.3%	0%	0%	0%	0%	0%
Motorbike	100%	0%	0%	0%	0%	0%	0%	0%
Work from Home	28.6%	14.3%	0%	28.6%	14.3%	14.3%	0%	0%
Other	100%	0%	0%	0%	0%	0%	0%	0%

Appendix G

13442		BRAMFORD								
		JUNE 2024								
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	85%ile Speed	Mean Speed
Site No: 13442001	Stoddart Rd, Bramford (L/C O/S #9) 52.08025, 1.09347	Channel: Eastbound	Thu 13-Jun-24	Wed 26-Jun-24	30	5191	387	371	16.7	14.1
		Channel: Westbound	Thu 13-Jun-24	Wed 26-Jun-24		5279	394	377	15.5	13.2

13442		BRAMFORD					Site No: 13442001		Location		Stoddart Rd, Bramford (L/C O/S #9)				
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
Thu 13-Jun-24															
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
07:00	11	0	8	1	0	0	1	0	1	0	0	0	0	0	
08:00	17	0	14	2	0	0	1	0	0	0	0	0	0	0	
09:00	24	0	22	2	0	0	0	0	0	0	0	0	0	0	
10:00	12	1	9	1	0	0	1	0	0	0	0	0	0	0	
11:00	11	1	10	0	0	0	0	0	0	0	0	0	0	0	
12:00	21	1	18	2	0	0	0	0	0	0	0	0	0	0	
13:00	26	0	21	5	0	0	0	0	0	0	0	0	0	0	
14:00	28	1	25	2	0	0	0	0	0	0	0	0	0	0	
15:00	35	0	30	4	0	0	1	0	0	0	0	0	0	0	
16:00	32	1	28	3	0	0	0	0	0	0	0	0	0	0	
17:00	58	4	53	1	0	0	0	0	0	0	0	0	0	0	
18:00	38	0	37	1	0	0	0	0	0	0	0	0	0	0	
19:00	34	0	34	0	0	0	0	0	0	0	0	0	0	0	
20:00	19	0	19	0	0	0	0	0	0	0	0	0	0	0	
21:00	15	1	13	1	0	0	0	0	0	0	0	0	0	0	
22:00	10	0	9	1	0	0	0	0	0	0	0	0	0	0	
23:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0	
12H,7-19	313	9	275	24	0	0	4	0	1	0	0	0	0	0	
16H,6-22	382	10	342	25	0	0	4	0	1	0	0	0	0	0	
18H,6-24	399	10	358	26	0	0	4	0	1	0	0	0	0	0	
24H,0-24	403	10	362	26	0	0	4	0	1	0	0	0	0	0	

13442		BRAMFORD					Site No: 13442001		Location		Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound										
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC		
Fri 14-Jun-24																
00:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0		
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0		
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0		
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0		
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0		
07:00	10	0	10	0	0	0	0	0	0	0	0	0	0	0		
08:00	28	0	22	6	0	0	0	0	0	0	0	0	0	0		
09:00	23	0	20	2	0	0	1	0	0	0	0	0	0	0		
10:00	13	0	11	0	0	0	2	0	0	0	0	0	0	0		
11:00	16	0	14	2	0	0	0	0	0	0	0	0	0	0		
12:00	34	0	31	3	0	0	0	0	0	0	0	0	0	0		
13:00	30	0	27	2	0	0	1	0	0	0	0	0	0	0		
14:00	27	1	26	0	0	0	0	0	0	0	0	0	0	0		
15:00	39	0	38	1	0	0	0	0	0	0	0	0	0	0		
16:00	40	0	33	7	0	0	0	0	0	0	0	0	0	0		
17:00	48	1	45	2	0	0	0	0	0	0	0	0	0	0		
18:00	39	1	37	1	0	0	0	0	0	0	0	0	0	0		
19:00	33	0	30	3	0	0	0	0	0	0	0	0	0	0		
20:00	18	0	17	1	0	0	0	0	0	0	0	0	0	0		
21:00	14	0	13	1	0	0	0	0	0	0	0	0	0	0		
22:00	17	0	17	0	0	0	0	0	0	0	0	0	0	0		
23:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0		
12H,7-19	347	3	314	26	0	0	4	0	0	0	0	0	0	0		
16H,6-22	413	3	375	31	0	0	4	0	0	0	0	0	0	0		
18H,6-24	436	3	398	31	0	0	4	0	0	0	0	0	0	0		
24H,0-24	443	3	405	31	0	0	4	0	0	0	0	0	0	0		

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound								
			CARS OR			TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	LIGHT	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	GOODS		TYRE,	AXLE	AXLE	AXLE	AXLE	ARTIC	TRAILER	TRAILER	AXLE
			LGV	VEHICLES		RIGID/	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Sat 15-Jun-24														
00:00	2	1	1	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	3	0	2	1	0	0	0	0	0	0	0	0	0	0
07:00	3	0	2	1	0	0	0	0	0	0	0	0	0	0
08:00	13	0	11	2	0	0	0	0	0	0	0	0	0	0
09:00	16	0	16	0	0	0	0	0	0	0	0	0	0	0
10:00	30	0	30	0	0	0	0	0	0	0	0	0	0	0
11:00	19	1	18	0	0	0	0	0	0	0	0	0	0	0
12:00	26	0	24	1	0	0	1	0	0	0	0	0	0	0
13:00	25	0	24	1	0	0	0	0	0	0	0	0	0	0
14:00	22	1	19	2	0	0	0	0	0	0	0	0	0	0
15:00	26	0	24	2	0	0	0	0	0	0	0	0	0	0
16:00	22	0	21	1	0	0	0	0	0	0	0	0	0	0
17:00	32	0	30	2	0	0	0	0	0	0	0	0	0	0
18:00	34	0	33	1	0	0	0	0	0	0	0	0	0	0
19:00	34	0	33	1	0	0	0	0	0	0	0	0	0	0
20:00	22	0	22	0	0	0	0	0	0	0	0	0	0	0
21:00	13	0	13	0	0	0	0	0	0	0	0	0	0	0
22:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
23:00	5	0	4	1	0	0	0	0	0	0	0	0	0	0
12H,7-19	268	2	252	13	0	0	1	0	0	0	0	0	0	0
16H,6-22	340	2	322	15	0	0	1	0	0	0	0	0	0	0
18H,6-24	352	2	333	16	0	0	1	0	0	0	0	0	0	0
24H,0-24	356	3	336	16	0	0	1	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)						
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound									
			CARS OR			TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR			
			CAR-	LIGHT		AXLE, SIX	THREE	MORE	LESS		MORE	LESS	AXLE	SEVEN OR	
TIME	TOTAL	MOTOR-	BASED	GOODS	BUSES	TYRE, RIGID/	AXLE	AXLE	AXLE	FIVE AXLE	AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	LGV	VEHICLES		BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	TRAILER	TRAILER	AXLE
Sun 16-Jun-24															
00:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	0	2	1	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
07:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
08:00	6	1	5	0	0	0	0	0	0	0	0	0	0	0	0
09:00	17	0	14	3	0	0	0	0	0	0	0	0	0	0	0
10:00	19	0	18	0	0	0	1	0	0	0	0	0	0	0	0
11:00	27	0	27	0	0	0	0	0	0	0	0	0	0	0	0
12:00	41	0	39	2	0	0	0	0	0	0	0	0	0	0	0
13:00	23	0	22	1	0	0	0	0	0	0	0	0	0	0	0
14:00	19	1	17	1	0	0	0	0	0	0	0	0	0	0	0
15:00	27	1	25	1	0	0	0	0	0	0	0	0	0	0	0
16:00	22	0	19	3	0	0	0	0	0	0	0	0	0	0	0
17:00	19	1	14	4	0	0	0	0	0	0	0	0	0	0	0
18:00	26	1	25	0	0	0	0	0	0	0	0	0	0	0	0
19:00	27	0	26	1	0	0	0	0	0	0	0	0	0	0	0
20:00	12	0	12	0	0	0	0	0	0	0	0	0	0	0	0
21:00	13	0	12	0	0	0	1	0	0	0	0	0	0	0	0
22:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0
23:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	249	5	228	15	0	0	1	0	0	0	0	0	0	0	0
16H,6-22	302	5	279	16	0	0	2	0	0	0	0	0	0	0	0
18H,6-24	309	5	286	16	0	0	2	0	0	0	0	0	0	0	0
24H,0-24	315	5	291	17	0	0	2	0	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Mon 17-Jun-24														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
06:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0
07:00	9	0	8	1	0	0	0	0	0	0	0	0	0	0
08:00	11	0	10	0	0	0	1	0	0	0	0	0	0	0
09:00	11	0	10	0	0	0	1	0	0	0	0	0	0	0
10:00	17	0	14	2	0	0	1	0	0	0	0	0	0	0
11:00	24	0	23	1	0	0	0	0	0	0	0	0	0	0
12:00	21	0	19	2	0	0	0	0	0	0	0	0	0	0
13:00	22	0	21	1	0	0	0	0	0	0	0	0	0	0
14:00	17	0	15	2	0	0	0	0	0	0	0	0	0	0
15:00	40	0	36	2	0	0	1	0	0	0	0	1	0	0
16:00	29	1	25	3	0	0	0	0	0	0	0	0	0	0
17:00	47	1	45	1	0	0	0	0	0	0	0	0	0	0
18:00	37	0	34	3	0	0	0	0	0	0	0	0	0	0
19:00	23	1	22	0	0	0	0	0	0	0	0	0	0	0
20:00	13	1	11	1	0	0	0	0	0	0	0	0	0	0
21:00	13	0	13	0	0	0	0	0	0	0	0	0	0	0
22:00	9	0	9	0	0	0	0	0	0	0	0	0	0	0
23:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	285	2	260	18	0	0	4	0	0	0	0	1	0	0
16H,6-22	335	4	306	19	0	0	5	0	0	0	0	1	0	0
18H,6-24	345	4	316	19	0	0	5	0	0	0	0	1	0	0
24H,0-24	350	4	321	19	0	0	5	0	0	0	0	1	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound								
			CARS OR			TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	LIGHT	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	GOODS		TYRE, RIGID/	AXLE	AXLE	AXLE	AXLE	ARTIC	TRAILER	TRAILER	AXLE
			LGV	VEHICLES		BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Tue 18-Jun-24														
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
06:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
07:00	9	0	8	0	0	1	0	0	0	0	0	0	0	0
08:00	9	0	6	3	0	0	0	0	0	0	0	0	0	0
09:00	20	0	18	2	0	0	0	0	0	0	0	0	0	0
10:00	21	0	20	1	0	0	0	0	0	0	0	0	0	0
11:00	14	0	13	1	0	0	0	0	0	0	0	0	0	0
12:00	25	0	22	3	0	0	0	0	0	0	0	0	0	0
13:00	16	0	14	1	0	0	1	0	0	0	0	0	0	0
14:00	20	0	20	0	0	0	0	0	0	0	0	0	0	0
15:00	36	1	33	2	0	0	0	0	0	0	0	0	0	0
16:00	44	1	41	1	0	0	1	0	0	0	0	0	0	0
17:00	55	3	51	1	0	0	0	0	0	0	0	0	0	0
18:00	30	1	28	1	0	0	0	0	0	0	0	0	0	0
19:00	29	0	26	3	0	0	0	0	0	0	0	0	0	0
20:00	22	1	21	0	0	0	0	0	0	0	0	0	0	0
21:00	7	0	6	0	0	0	1	0	0	0	0	0	0	0
22:00	11	0	11	0	0	0	0	0	0	0	0	0	0	0
23:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	299	6	274	16	0	1	2	0	0	0	0	0	0	0
16H,6-22	359	7	329	19	0	1	3	0	0	0	0	0	0	0
18H,6-24	376	7	346	19	0	1	3	0	0	0	0	0	0	0
24H,0-24	381	7	350	20	0	1	3	0	0	0	0	0	0	0

13442		BRAMFORD				Site No: 13442001		Location		Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
Wed 19-Jun-24															
00:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
06:00	4	0	3	1	0	0	0	0	0	0	0	0	0	0	
07:00	8	0	8	0	0	0	0	0	0	0	0	0	0	0	
08:00	15	1	13	1	0	0	0	0	0	0	0	0	0	0	
09:00	20	0	19	1	0	0	0	0	0	0	0	0	0	0	
10:00	12	0	12	0	0	0	0	0	0	0	0	0	0	0	
11:00	14	0	13	1	0	0	0	0	0	0	0	0	0	0	
12:00	23	1	20	1	0	0	0	0	1	0	0	0	0	0	
13:00	25	0	21	3	0	0	1	0	0	0	0	0	0	0	
14:00	16	0	14	2	0	0	0	0	0	0	0	0	0	0	
15:00	26	0	24	2	0	0	0	0	0	0	0	0	0	0	
16:00	48	1	45	2	0	0	0	0	0	0	0	0	0	0	
17:00	52	3	44	4	0	0	1	0	0	0	0	0	0	0	
18:00	39	0	37	2	0	0	0	0	0	0	0	0	0	0	
19:00	30	1	28	0	0	0	1	0	0	0	0	0	0	0	
20:00	15	0	14	1	0	0	0	0	0	0	0	0	0	0	
21:00	21	0	21	0	0	0	0	0	0	0	0	0	0	0	
22:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0	
23:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0	
12H,7-19	298	6	270	19	0	0	2	0	1	0	0	0	0	0	
16H,6-22	368	7	336	21	0	0	3	0	1	0	0	0	0	0	
18H,6-24	378	7	346	21	0	0	3	0	1	0	0	0	0	0	
24H,0-24	385	7	352	22	0	0	3	0	1	0	0	0	0	0	

13442		BRAMFORD				Site No: 13442001		Location		Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
Thu 20-Jun-24															
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
06:00	4	0	3	0	0	0	1	0	0	0	0	0	0	0	
07:00	11	0	9	0	0	0	2	0	0	0	0	0	0	0	
08:00	18	0	16	2	0	0	0	0	0	0	0	0	0	0	
09:00	15	0	13	2	0	0	0	0	0	0	0	0	0	0	
10:00	20	1	18	1	0	0	0	0	0	0	0	0	0	0	
11:00	17	1	14	2	0	0	0	0	0	0	0	0	0	0	
12:00	20	1	19	0	0	0	0	0	0	0	0	0	0	0	
13:00	22	2	19	1	0	0	0	0	0	0	0	0	0	0	
14:00	23	0	21	2	0	0	0	0	0	0	0	0	0	0	
15:00	41	1	36	4	0	0	0	0	0	0	0	0	0	0	
16:00	50	2	45	2	0	0	1	0	0	0	0	0	0	0	
17:00	53	0	51	2	0	0	0	0	0	0	0	0	0	0	
18:00	25	1	23	1	0	0	0	0	0	0	0	0	0	0	
19:00	27	1	24	2	0	0	0	0	0	0	0	0	0	0	
20:00	24	1	23	0	0	0	0	0	0	0	0	0	0	0	
21:00	14	0	14	0	0	0	0	0	0	0	0	0	0	0	
22:00	9	0	9	0	0	0	0	0	0	0	0	0	0	0	
23:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0	
12H,7-19	315	9	284	19	0	0	3	0	0	0	0	0	0	0	
16H,6-22	384	11	348	21	0	0	4	0	0	0	0	0	0	0	
18H,6-24	399	11	363	21	0	0	4	0	0	0	0	0	0	0	
24H,0-24	402	11	366	21	0	0	4	0	0	0	0	0	0	0	

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound								
			CARS OR			TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	LIGHT	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	GOODS		TYRE,	AXLE	AXLE	AXLE	ARTIC	ARTIC	TRAILER	TRAILER	AXLE
			LGV	VEHICLES		RIGID/	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Fri 21-Jun-24														
00:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	4	0	3	1	0	0	0	0	0	0	0	0	0	0
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07:00	6	0	5	1	0	0	0	0	0	0	0	0	0	0
08:00	23	0	19	3	0	0	0	0	1	0	0	0	0	0
09:00	22	0	19	2	0	0	1	0	0	0	0	0	0	0
10:00	17	0	15	2	0	0	0	0	0	0	0	0	0	0
11:00	19	1	18	0	0	0	0	0	0	0	0	0	0	0
12:00	27	0	27	0	0	0	0	0	0	0	0	0	0	0
13:00	26	0	26	0	0	0	0	0	0	0	0	0	0	0
14:00	17	0	17	0	0	0	0	0	0	0	0	0	0	0
15:00	15	0	15	0	0	0	0	0	0	0	0	0	0	0
16:00	40	1	37	2	0	0	0	0	0	0	0	0	0	0
17:00	37	1	33	1	0	0	2	0	0	0	0	0	0	0
18:00	28	0	27	1	0	0	0	0	0	0	0	0	0	0
19:00	34	2	31	1	0	0	0	0	0	0	0	0	0	0
20:00	22	1	20	1	0	0	0	0	0	0	0	0	0	0
21:00	14	0	14	0	0	0	0	0	0	0	0	0	0	0
22:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
23:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	277	3	258	12	0	0	3	0	1	0	0	0	0	0
16H,6-22	348	6	324	14	0	0	3	0	1	0	0	0	0	0
18H,6-24	357	6	333	14	0	0	3	0	1	0	0	0	0	0
24H,0-24	365	6	340	15	0	0	3	0	1	0	0	0	0	0

13442		BRAMFORD				Site No: 13442001		Location		Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
Sat 22-Jun-24															
00:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
06:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
07:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0	
08:00	6	0	5	0	0	0	1	0	0	0	0	0	0	0	
09:00	14	0	13	1	0	0	0	0	0	0	0	0	0	0	
10:00	25	1	23	0	0	0	1	0	0	0	0	0	0	0	
11:00	22	1	20	1	0	0	0	0	0	0	0	0	0	0	
12:00	39	0	37	2	0	0	0	0	0	0	0	0	0	0	
13:00	28	0	28	0	0	0	0	0	0	0	0	0	0	0	
14:00	19	0	19	0	0	0	0	0	0	0	0	0	0	0	
15:00	33	1	30	2	0	0	0	0	0	0	0	0	0	0	
16:00	28	0	28	0	0	0	0	0	0	0	0	0	0	0	
17:00	17	0	16	1	0	0	0	0	0	0	0	0	0	0	
18:00	15	0	14	0	0	0	1	0	0	0	0	0	0	0	
19:00	28	1	27	0	0	0	0	0	0	0	0	0	0	0	
20:00	17	0	17	0	0	0	0	0	0	0	0	0	0	0	
21:00	11	1	10	0	0	0	0	0	0	0	0	0	0	0	
22:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0	
23:00	8	0	8	0	0	0	0	0	0	0	0	0	0	0	
12H,7-19	252	3	239	7	0	0	3	0	0	0	0	0	0	0	
16H,6-22	311	5	296	7	0	0	3	0	0	0	0	0	0	0	
18H,6-24	326	5	311	7	0	0	3	0	0	0	0	0	0	0	
24H,0-24	330	5	315	7	0	0	3	0	0	0	0	0	0	0	

13442		BRAMFORD					Site No: 13442001		Location		Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound										
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC		
Sun 23-Jun-24																
00:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0		
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0		
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0		
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
04:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0		
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
06:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0		
07:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0		
08:00	11	0	10	1	0	0	0	0	0	0	0	0	0	0		
09:00	10	1	8	1	0	0	0	0	0	0	0	0	0	0		
10:00	19	0	19	0	0	0	0	0	0	0	0	0	0	0		
11:00	21	0	19	2	0	0	0	0	0	0	0	0	0	0		
12:00	31	1	29	1	0	0	0	0	0	0	0	0	0	0		
13:00	26	0	25	1	0	0	0	0	0	0	0	0	0	0		
14:00	29	1	27	1	0	0	0	0	0	0	0	0	0	0		
15:00	28	1	26	1	0	0	0	0	0	0	0	0	0	0		
16:00	22	0	22	0	0	0	0	0	0	0	0	0	0	0		
17:00	23	0	22	0	0	0	0	0	1	0	0	0	0	0		
18:00	28	0	27	0	0	0	1	0	0	0	0	0	0	0		
19:00	20	1	19	0	0	0	0	0	0	0	0	0	0	0		
20:00	23	1	21	1	0	0	0	0	0	0	0	0	0	0		
21:00	8	0	8	0	0	0	0	0	0	0	0	0	0	0		
22:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0		
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12H,7-19	252	4	238	8	0	0	1	0	1	0	0	0	0	0		
16H,6-22	306	6	289	9	0	0	1	0	1	0	0	0	0	0		
18H,6-24	310	6	293	9	0	0	1	0	1	0	0	0	0	0		
24H,0-24	318	6	301	9	0	0	1	0	1	0	0	0	0	0		

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE, RIGID/	AXLE	AXLE	AXLE	AXLE	ARTIC	TRAILER	TRAILER	AXLE
			LGV			BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Mon 24-Jun-24														
00:00	3	0	2	1	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
06:00	4	1	2	0	0	0	1	0	0	0	0	0	0	0
07:00	8	0	5	3	0	0	0	0	0	0	0	0	0	0
08:00	14	0	13	1	0	0	0	0	0	0	0	0	0	0
09:00	21	0	17	4	0	0	0	0	0	0	0	0	0	0
10:00	24	0	21	1	0	0	2	0	0	0	0	0	0	0
11:00	21	0	21	0	0	0	0	0	0	0	0	0	0	0
12:00	20	0	17	2	0	0	1	0	0	0	0	0	0	0
13:00	16	0	16	0	0	0	0	0	0	0	0	0	0	0
14:00	15	0	14	1	0	0	0	0	0	0	0	0	0	0
15:00	30	1	27	2	0	0	0	0	0	0	0	0	0	0
16:00	31	0	28	2	0	0	1	0	0	0	0	0	0	0
17:00	45	2	41	1	0	0	1	0	0	0	0	0	0	0
18:00	32	0	30	1	0	0	1	0	0	0	0	0	0	0
19:00	24	0	22	1	0	0	0	0	1	0	0	0	0	0
20:00	20	2	15	3	0	0	0	0	0	0	0	0	0	0
21:00	14	0	13	1	0	0	0	0	0	0	0	0	0	0
22:00	13	0	13	0	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	277	3	250	18	0	0	6	0	0	0	0	0	0	0
16H,6-22	339	6	302	23	0	0	7	0	1	0	0	0	0	0
18H,6-24	354	6	317	23	0	0	7	0	1	0	0	0	0	0
24H,0-24	360	6	322	24	0	0	7	0	1	0	0	0	0	0

13442		BRAMFORD					Site No: 13442001		Location		Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound										
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC		
Tue 25-Jun-24																
00:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0		
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0		
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0		
06:00	4	0	2	2	0	0	0	0	0	0	0	0	0	0		
07:00	9	0	9	0	0	0	0	0	0	0	0	0	0	0		
08:00	18	0	17	1	0	0	0	0	0	0	0	0	0	0		
09:00	14	0	12	2	0	0	0	0	0	0	0	0	0	0		
10:00	15	0	15	0	0	0	0	0	0	0	0	0	0	0		
11:00	14	0	12	1	0	0	1	0	0	0	0	0	0	0		
12:00	23	0	20	3	0	0	0	0	0	0	0	0	0	0		
13:00	26	0	25	1	0	0	0	0	0	0	0	0	0	0		
14:00	10	0	8	2	0	0	0	0	0	0	0	0	0	0		
15:00	39	0	36	2	0	0	1	0	0	0	0	0	0	0		
16:00	43	2	40	1	0	0	0	0	0	0	0	0	0	0		
17:00	52	1	46	3	0	0	1	0	1	0	0	0	0	0		
18:00	38	0	36	2	0	0	0	0	0	0	0	0	0	0		
19:00	37	1	36	0	0	0	0	0	0	0	0	0	0	0		
20:00	17	0	16	1	0	0	0	0	0	0	0	0	0	0		
21:00	14	0	13	0	0	0	1	0	0	0	0	0	0	0		
22:00	15	0	15	0	0	0	0	0	0	0	0	0	0	0		
23:00	4	1	3	0	0	0	0	0	0	0	0	0	0	0		
12H,7-19	301	3	276	18	0	0	3	0	1	0	0	0	0	0		
16H,6-22	373	4	343	21	0	0	4	0	1	0	0	0	0	0		
18H,6-24	392	5	361	21	0	0	4	0	1	0	0	0	0	0		
24H,0-24	396	5	365	21	0	0	4	0	1	0	0	0	0	0		

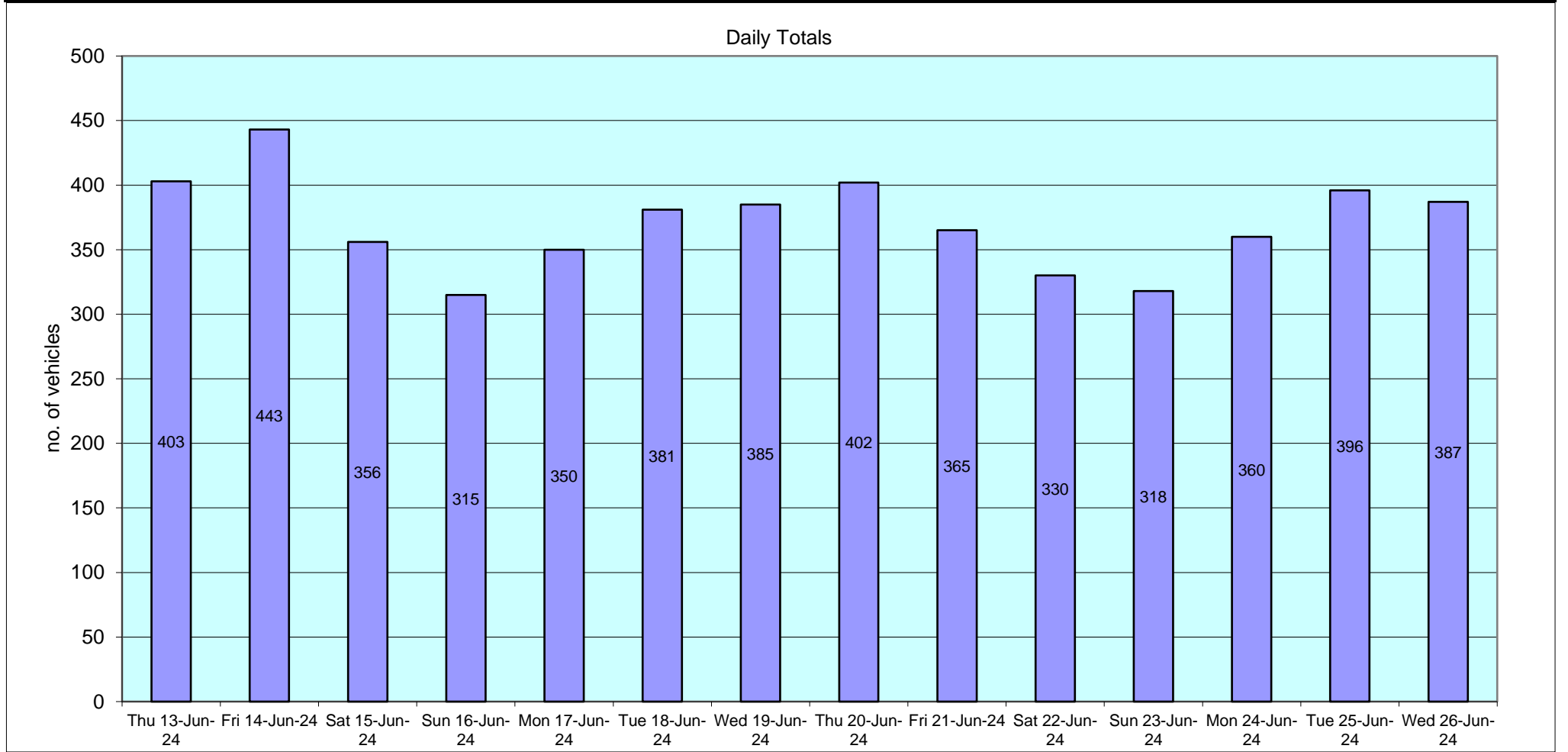
13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE, RIGID/	AXLE	AXLE	AXLE	ARTIC	ARTIC	TRAILER	TRAILER	AXLE
			LGV			BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Wed 26-Jun-24														
00:00	3	1	2	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
06:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
07:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0
08:00	24	1	22	1	0	0	0	0	0	0	0	0	0	0
09:00	18	1	15	2	0	0	0	0	0	0	0	0	0	0
10:00	19	0	17	2	0	0	0	0	0	0	0	0	0	0
11:00	11	1	9	1	0	0	0	0	0	0	0	0	0	0
12:00	15	0	15	0	0	0	0	0	0	0	0	0	0	0
13:00	20	0	19	1	0	0	0	0	0	0	0	0	0	0
14:00	19	0	17	1	0	0	1	0	0	0	0	0	0	0
15:00	36	0	33	3	0	0	0	0	0	0	0	0	0	0
16:00	45	0	42	3	0	0	0	0	0	0	0	0	0	0
17:00	50	5	41	4	0	0	0	0	0	0	0	0	0	0
18:00	31	0	30	0	0	0	1	0	0	0	0	0	0	0
19:00	35	0	34	1	0	0	0	0	0	0	0	0	0	0
20:00	19	0	18	1	0	0	0	0	0	0	0	0	0	0
21:00	18	0	18	0	0	0	0	0	0	0	0	0	0	0
22:00	8	1	6	1	0	0	0	0	0	0	0	0	0	0
23:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	294	8	266	18	0	0	2	0	0	0	0	0	0	0
16H,6-22	369	8	339	20	0	0	2	0	0	0	0	0	0	0
18H,6-24	381	9	349	21	0	0	2	0	0	0	0	0	0	0
24H,0-24	387	10	354	21	0	0	2	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)						
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Eastbound									
						TWO AXLE, SIX TYRE, RIGID/ BUSES			FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC		SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI- TRAILER ARTIC	SIX AXLE MULTI- TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
TIME PERIOD	TOTAL VEHICLES	MOTOR- CYCLES	CARS OR CAR- BASED LGV	LIGHT GOODS VEHICLES	BUSES						FIVE AXLE ARTIC				
Daily Totals															
Thu 13-Jun-24	403	10	362	26	0	0	4	0	1	0	0	0	0	0	0
Fri 14-Jun-24	443	3	405	31	0	0	4	0	0	0	0	0	0	0	0
Sat 15-Jun-24	356	3	336	16	0	0	1	0	0	0	0	0	0	0	0
Sun 16-Jun-24	315	5	291	17	0	0	2	0	0	0	0	0	0	0	0
Mon 17-Jun-24	350	4	321	19	0	0	5	0	0	0	0	0	1	0	0
Tue 18-Jun-24	381	7	350	20	0	1	3	0	0	0	0	0	0	0	0
Wed 19-Jun-24	385	7	352	22	0	0	3	0	1	0	0	0	0	0	0
Thu 20-Jun-24	402	11	366	21	0	0	4	0	0	0	0	0	0	0	0
Fri 21-Jun-24	365	6	340	15	0	0	3	0	1	0	0	0	0	0	0
Sat 22-Jun-24	330	5	315	7	0	0	3	0	0	0	0	0	0	0	0
Sun 23-Jun-24	318	6	301	9	0	0	1	0	1	0	0	0	0	0	0
Mon 24-Jun-24	360	6	322	24	0	0	7	0	1	0	0	0	0	0	0
Tue 25-Jun-24	396	5	365	21	0	0	4	0	1	0	0	0	0	0	0
Wed 26-Jun-24	387	10	354	21	0	0	2	0	0	0	0	0	0	0	0

13442	BRAMFORD	Site No: 13442001	Location Stoddart Rd, Bramford (L/C O/S #9)
Thu 13-Jun-24 to Wed 26-Jun-24		Channel: Eastbound	

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
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Total Vehicles														
[--]	5191	88	4780	269	0	1	46	0	6	0	0	1	0	0



13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Thu 13-Jun-24														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
06:00	14	0	10	1	0	0	3	0	0	0	0	0	0	0
07:00	48	1	36	3	0	0	8	0	0	0	0	0	0	0
08:00	60	1	50	0	0	0	9	0	0	0	0	0	0	0
09:00	26	0	19	2	0	0	5	0	0	0	0	0	0	0
10:00	22	0	18	1	0	0	3	0	0	0	0	0	0	0
11:00	12	0	10	1	0	0	1	0	0	0	0	0	0	0
12:00	13	0	11	1	0	0	1	0	0	0	0	0	0	0
13:00	20	0	18	1	0	0	1	0	0	0	0	0	0	0
14:00	27	0	23	3	0	0	1	0	0	0	0	0	0	0
15:00	30	0	24	6	0	0	0	0	0	0	0	0	0	0
16:00	21	1	14	1	0	0	5	0	0	0	0	0	0	0
17:00	28	0	21	1	0	0	6	0	0	0	0	0	0	0
18:00	23	2	19	0	0	0	2	0	0	0	0	0	0	0
19:00	28	0	22	1	0	0	5	0	0	0	0	0	0	0
20:00	13	0	11	1	0	0	1	0	0	0	0	0	0	0
21:00	5	0	4	0	0	0	1	0	0	0	0	0	0	0
22:00	5	0	4	0	0	0	1	0	0	0	0	0	0	0
23:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	330	5	263	20	0	0	42	0	0	0	0	0	0	0
16H,6-22	390	5	310	23	0	0	52	0	0	0	0	0	0	0
18H,6-24	398	5	317	23	0	0	53	0	0	0	0	0	0	0
24H,0-24	406	5	325	23	0	0	53	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE, RIGID/	AXLE	AXLE	AXLE	AXLE	ARTIC	ARTIC	ARTIC	ARTIC
Fri 14-Jun-24														
00:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
06:00	14	0	11	2	0	0	1	0	0	0	0	0	0	0
07:00	54	1	44	2	0	0	7	0	0	0	0	0	0	0
08:00	61	1	55	4	0	0	1	0	0	0	0	0	0	0
09:00	21	0	18	3	0	0	0	0	0	0	0	0	0	0
10:00	22	0	17	4	0	0	1	0	0	0	0	0	0	0
11:00	21	0	20	1	0	0	0	0	0	0	0	0	0	0
12:00	23	0	21	2	0	0	0	0	0	0	0	0	0	0
13:00	25	0	22	3	0	0	0	0	0	0	0	0	0	0
14:00	24	0	22	2	0	0	0	0	0	0	0	0	0	0
15:00	25	0	22	2	0	0	1	0	0	0	0	0	0	0
16:00	27	0	24	2	0	0	1	0	0	0	0	0	0	0
17:00	34	0	27	2	0	0	5	0	0	0	0	0	0	0
18:00	32	0	27	0	0	0	5	0	0	0	0	0	0	0
19:00	24	0	19	1	0	0	4	0	0	0	0	0	0	0
20:00	7	0	5	0	0	0	2	0	0	0	0	0	0	0
21:00	15	0	13	0	0	0	2	0	0	0	0	0	0	0
22:00	12	1	10	0	0	0	1	0	0	0	0	0	0	0
23:00	3	0	2	0	0	0	1	0	0	0	0	0	0	0
12H,7-19	369	2	319	27	0	0	21	0	0	0	0	0	0	0
16H,6-22	429	2	367	30	0	0	30	0	0	0	0	0	0	0
18H,6-24	444	3	379	30	0	0	32	0	0	0	0	0	0	0
24H,0-24	454	3	388	31	0	0	32	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE,	AXLE	AXLE	AXLE	ARTIC	ARTIC	TRAILER	TRAILER	AXLE
			LGV			RIGID/	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Sat 15-Jun-24														
00:00	2	1	0	1	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	0	0	0	0	0	2	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	3	0	2	1	0	0	0	0	0	0	0	0	0	0
06:00	11	0	9	0	0	0	2	0	0	0	0	0	0	0
07:00	15	0	12	0	0	0	3	0	0	0	0	0	0	0
08:00	23	0	20	0	0	0	3	0	0	0	0	0	0	0
09:00	35	0	30	0	0	0	5	0	0	0	0	0	0	0
10:00	34	0	29	0	0	0	5	0	0	0	0	0	0	0
11:00	27	1	23	0	0	0	3	0	0	0	0	0	0	0
12:00	20	0	18	2	0	0	0	0	0	0	0	0	0	0
13:00	18	0	15	0	0	0	3	0	0	0	0	0	0	0
14:00	33	0	28	0	0	0	5	0	0	0	0	0	0	0
15:00	16	0	12	1	0	0	3	0	0	0	0	0	0	0
16:00	24	0	19	1	0	0	4	0	0	0	0	0	0	0
17:00	25	0	21	1	0	0	3	0	0	0	0	0	0	0
18:00	18	0	16	0	0	0	2	0	0	0	0	0	0	0
19:00	28	0	25	1	0	0	2	0	0	0	0	0	0	0
20:00	13	0	10	0	0	0	3	0	0	0	0	0	0	0
21:00	11	0	9	0	0	0	2	0	0	0	0	0	0	0
22:00	6	0	4	1	0	0	1	0	0	0	0	0	0	0
23:00	5	0	4	0	0	0	1	0	0	0	0	0	0	0
12H,7-19	288	1	243	5	0	0	39	0	0	0	0	0	0	0
16H,6-22	351	1	296	6	0	0	48	0	0	0	0	0	0	0
18H,6-24	362	1	304	7	0	0	50	0	0	0	0	0	0	0
24H,0-24	369	2	306	9	0	0	52	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE, RIGID/	AXLE	AXLE	AXLE	ARTIC	ARTIC	TRAILER	TRAILER	AXLE
			LGV			BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Sun 16-Jun-24														
00:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
01:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	3	0	2	1	0	0	0	0	0	0	0	0	0	0
07:00	11	0	8	1	0	0	2	0	0	0	0	0	0	0
08:00	12	1	5	2	0	0	4	0	0	0	0	0	0	0
09:00	34	0	26	2	0	0	6	0	0	0	0	0	0	0
10:00	29	0	24	2	0	0	3	0	0	0	0	0	0	0
11:00	24	0	21	0	0	0	3	0	0	0	0	0	0	0
12:00	22	0	17	1	0	0	4	0	0	0	0	0	0	0
13:00	30	0	22	2	0	0	6	0	0	0	0	0	0	0
14:00	19	0	16	1	0	0	2	0	0	0	0	0	0	0
15:00	17	0	11	2	0	0	4	0	0	0	0	0	0	0
16:00	27	0	20	1	0	0	6	0	0	0	0	0	0	0
17:00	16	0	15	1	0	0	0	0	0	0	0	0	0	0
18:00	20	1	13	0	0	0	6	0	0	0	0	0	0	0
19:00	23	0	18	0	0	0	5	0	0	0	0	0	0	0
20:00	5	0	3	0	0	0	2	0	0	0	0	0	0	0
21:00	4	0	3	0	0	0	1	0	0	0	0	0	0	0
22:00	8	0	7	0	0	0	1	0	0	0	0	0	0	0
23:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	261	2	198	15	0	0	46	0	0	0	0	0	0	0
16H,6-22	296	2	224	16	0	0	54	0	0	0	0	0	0	0
18H,6-24	305	2	232	16	0	0	55	0	0	0	0	0	0	0
24H,0-24	313	2	240	16	0	0	55	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR		
			CAR-	GOODS		AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	BASED	VEHICLES	BUSES	TYRE,	AXLE	AXLE	AXLE	ARTIC	ARTIC	TRAILER	TRAILER	MORE
PERIOD	VEHICLES	CYCLES	LGV			RIGID/	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Mon 17-Jun-24														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
05:00	6	0	5	1	0	0	0	0	0	0	0	0	0	0
06:00	10	0	6	0	0	0	4	0	0	0	0	0	0	0
07:00	41	1	32	3	0	0	5	0	0	0	0	0	0	0
08:00	44	0	40	3	0	0	1	0	0	0	0	0	0	0
09:00	26	1	25	0	0	0	0	0	0	0	0	0	0	0
10:00	15	0	13	1	0	0	1	0	0	0	0	0	0	0
11:00	15	0	11	0	0	0	4	0	0	0	0	0	0	0
12:00	18	0	15	1	0	0	2	0	0	0	0	0	0	0
13:00	34	0	22	2	0	0	10	0	0	0	0	0	0	0
14:00	23	0	16	0	0	0	7	0	0	0	0	0	0	0
15:00	18	0	16	0	0	0	2	0	0	0	0	0	0	0
16:00	31	0	25	2	0	0	4	0	0	0	0	0	0	0
17:00	26	0	17	0	0	0	9	0	0	0	0	0	0	0
18:00	25	1	19	0	0	0	5	0	0	0	0	0	0	0
19:00	11	0	11	0	0	0	0	0	0	0	0	0	0	0
20:00	5	0	4	0	0	0	1	0	0	0	0	0	0	0
21:00	5	0	4	0	0	0	1	0	0	0	0	0	0	0
22:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
23:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	316	3	251	12	0	0	50	0	0	0	0	0	0	0
16H,6-22	347	3	276	12	0	0	56	0	0	0	0	0	0	0
18H,6-24	353	3	282	12	0	0	56	0	0	0	0	0	0	0
24H,0-24	363	3	291	13	0	0	56	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE,	AXLE	AXLE	AXLE	ARTIC	ARTIC	TRAILER	TRAILER	AXLE
			LGV			RIGID/	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Tue 18-Jun-24														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	9	0	9	0	0	0	0	0	0	0	0	0	0	0
06:00	19	0	15	1	0	0	3	0	0	0	0	0	0	0
07:00	44	2	32	5	0	0	5	0	0	0	0	0	0	0
08:00	50	0	43	5	0	0	2	0	0	0	0	0	0	0
09:00	15	0	15	0	0	0	0	0	0	0	0	0	0	0
10:00	18	1	15	1	0	0	1	0	0	0	0	0	0	0
11:00	19	1	17	1	0	0	0	0	0	0	0	0	0	0
12:00	21	0	19	2	0	0	0	0	0	0	0	0	0	0
13:00	16	0	15	1	0	0	0	0	0	0	0	0	0	0
14:00	26	0	25	1	0	0	0	0	0	0	0	0	0	0
15:00	17	0	16	1	0	0	0	0	0	0	0	0	0	0
16:00	26	0	24	2	0	0	0	0	0	0	0	0	0	0
17:00	36	0	36	0	0	0	0	0	0	0	0	0	0	0
18:00	30	0	30	0	0	0	0	0	0	0	0	0	0	0
19:00	15	0	15	0	0	0	0	0	0	0	0	0	0	0
20:00	13	0	10	2	0	0	1	0	0	0	0	0	0	0
21:00	8	0	8	0	0	0	0	0	0	0	0	0	0	0
22:00	2	0	1	1	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	318	4	287	19	0	0	8	0	0	0	0	0	0	0
16H,6-22	373	4	335	22	0	0	12	0	0	0	0	0	0	0
18H,6-24	377	4	338	23	0	0	12	0	0	0	0	0	0	0
24H,0-24	387	4	348	23	0	0	12	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR			TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	LIGHT	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	GOODS		TYRE, RIGID/	AXLE	AXLE	AXLE	AXLE	ARTIC	TRAILER	TRAILER	AXLE
			LGV	VEHICLES		BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Wed 19-Jun-24														
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
06:00	18	0	15	2	0	0	1	0	0	0	0	0	0	0
07:00	41	0	38	1	0	0	2	0	0	0	0	0	0	0
08:00	53	1	49	2	0	0	1	0	0	0	0	0	0	0
09:00	20	0	18	2	0	0	0	0	0	0	0	0	0	0
10:00	14	0	14	0	0	0	0	0	0	0	0	0	0	0
11:00	25	0	25	0	0	0	0	0	0	0	0	0	0	0
12:00	22	0	21	1	0	0	0	0	0	0	0	0	0	0
13:00	22	0	22	0	0	0	0	0	0	0	0	0	0	0
14:00	21	0	18	1	0	0	2	0	0	0	0	0	0	0
15:00	19	0	18	1	0	0	0	0	0	0	0	0	0	0
16:00	24	1	22	0	1	0	0	0	0	0	0	0	0	0
17:00	26	1	23	1	0	0	1	0	0	0	0	0	0	0
18:00	23	1	21	1	0	0	0	0	0	0	0	0	0	0
19:00	19	0	18	0	0	0	1	0	0	0	0	0	0	0
20:00	9	0	8	1	0	0	0	0	0	0	0	0	0	0
21:00	16	0	16	0	0	0	0	0	0	0	0	0	0	0
22:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
23:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	310	4	289	10	1	0	6	0	0	0	0	0	0	0
16H,6-22	372	4	346	13	1	0	8	0	0	0	0	0	0	0
18H,6-24	374	4	348	13	1	0	8	0	0	0	0	0	0	0
24H,0-24	380	4	354	13	1	0	8	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE, RIGID/	AXLE	AXLE	AXLE	AXLE	ARTIC	TRAILER	TRAILER	AXLE
			LGV			BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Thu 20-Jun-24														
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	0	0	0	0	1	0	0	0	0	0	0	0
04:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
05:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0
06:00	18	0	15	2	0	0	1	0	0	0	0	0	0	0
07:00	48	1	44	3	0	0	0	0	0	0	0	0	0	0
08:00	49	0	48	0	0	0	1	0	0	0	0	0	0	0
09:00	20	0	19	0	0	0	1	0	0	0	0	0	0	0
10:00	13	0	13	0	0	0	0	0	0	0	0	0	0	0
11:00	16	1	15	0	0	0	0	0	0	0	0	0	0	0
12:00	18	0	17	1	0	0	0	0	0	0	0	0	0	0
13:00	21	3	18	0	0	0	0	0	0	0	0	0	0	0
14:00	25	2	21	1	0	0	1	0	0	0	0	0	0	0
15:00	36	3	28	1	0	0	4	0	0	0	0	0	0	0
16:00	35	0	32	0	0	0	3	0	0	0	0	0	0	0
17:00	23	1	22	0	0	0	0	0	0	0	0	0	0	0
18:00	23	0	19	0	0	0	4	0	0	0	0	0	0	0
19:00	34	1	31	1	0	0	1	0	0	0	0	0	0	0
20:00	9	0	8	0	0	0	1	0	0	0	0	0	0	0
21:00	6	0	5	1	0	0	0	0	0	0	0	0	0	0
22:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	327	11	296	6	0	0	14	0	0	0	0	0	0	0
16H,6-22	394	12	355	10	0	0	17	0	0	0	0	0	0	0
18H,6-24	403	12	364	10	0	0	17	0	0	0	0	0	0	0
24H,0-24	411	12	371	10	0	0	18	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE, RIGID/	AXLE	AXLE	AXLE	ARTIC	ARTIC	TRAILER	TRAILER	AXLE
			LGV			BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Fri 21-Jun-24														
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
05:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0
06:00	14	0	12	1	0	0	1	0	0	0	0	0	0	0
07:00	38	1	34	1	0	0	2	0	0	0	0	0	0	0
08:00	51	0	50	0	0	0	1	0	0	0	0	0	0	0
09:00	27	0	24	3	0	0	0	0	0	0	0	0	0	0
10:00	25	0	22	1	0	0	2	0	0	0	0	0	0	0
11:00	19	0	19	0	0	0	0	0	0	0	0	0	0	0
12:00	30	0	29	1	0	0	0	0	0	0	0	0	0	0
13:00	17	0	17	0	0	0	0	0	0	0	0	0	0	0
14:00	28	0	25	2	0	0	1	0	0	0	0	0	0	0
15:00	10	0	10	0	0	0	0	0	0	0	0	0	0	0
16:00	27	0	24	3	0	0	0	0	0	0	0	0	0	0
17:00	22	0	22	0	0	0	0	0	0	0	0	0	0	0
18:00	27	0	27	0	0	0	0	0	0	0	0	0	0	0
19:00	21	1	20	0	0	0	0	0	0	0	0	0	0	0
20:00	14	1	11	0	0	0	1	0	1	0	0	0	0	0
21:00	8	0	8	0	0	0	0	0	0	0	0	0	0	0
22:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
23:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	321	1	303	11	0	0	6	0	0	0	0	0	0	0
16H,6-22	378	3	354	12	0	0	8	0	1	0	0	0	0	0
18H,6-24	382	3	358	12	0	0	8	0	1	0	0	0	0	0
24H,0-24	392	3	368	12	0	0	8	0	1	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Sat 22-Jun-24														
00:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	3	0	3	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
06:00	7	0	7	0	0	0	0	0	0	0	0	0	0	0
07:00	18	0	17	0	0	0	1	0	0	0	0	0	0	0
08:00	24	1	20	2	0	0	1	0	0	0	0	0	0	0
09:00	24	0	23	1	0	0	0	0	0	0	0	0	0	0
10:00	36	0	35	1	0	0	0	0	0	0	0	0	0	0
11:00	29	0	29	0	0	0	0	0	0	0	0	0	0	0
12:00	30	0	28	1	0	0	1	0	0	0	0	0	0	0
13:00	32	0	31	1	0	0	0	0	0	0	0	0	0	0
14:00	19	0	19	0	0	0	0	0	0	0	0	0	0	0
15:00	20	0	18	2	0	0	0	0	0	0	0	0	0	0
16:00	25	0	25	0	0	0	0	0	0	0	0	0	0	0
17:00	13	0	12	1	0	0	0	0	0	0	0	0	0	0
18:00	18	0	17	0	0	0	1	0	0	0	0	0	0	0
19:00	14	0	13	1	0	0	0	0	0	0	0	0	0	0
20:00	11	0	10	0	0	0	1	0	0	0	0	0	0	0
21:00	9	1	8	0	0	0	0	0	0	0	0	0	0	0
22:00	7	0	6	1	0	0	0	0	0	0	0	0	0	0
23:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	288	1	274	9	0	0	4	0	0	0	0	0	0	0
16H,6-22	329	2	312	10	0	0	5	0	0	0	0	0	0	0
18H,6-24	338	2	320	11	0	0	5	0	0	0	0	0	0	0
24H,0-24	345	2	327	11	0	0	5	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Sun 23-Jun-24														
00:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
06:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
07:00	9	0	8	1	0	0	0	0	0	0	0	0	0	0
08:00	22	0	22	0	0	0	0	0	0	0	0	0	0	0
09:00	24	1	23	0	0	0	0	0	0	0	0	0	0	0
10:00	35	0	33	1	0	0	1	0	0	0	0	0	0	0
11:00	20	0	20	0	0	0	0	0	0	0	0	0	0	0
12:00	26	1	23	1	0	0	1	0	0	0	0	0	0	0
13:00	26	1	21	1	0	0	3	0	0	0	0	0	0	0
14:00	28	0	28	0	0	0	0	0	0	0	0	0	0	0
15:00	22	0	18	1	0	0	3	0	0	0	0	0	0	0
16:00	13	0	10	1	0	0	1	1	0	0	0	0	0	0
17:00	22	0	17	1	0	0	4	0	0	0	0	0	0	0
18:00	23	0	23	0	0	0	0	0	0	0	0	0	0	0
19:00	12	1	11	0	0	0	0	0	0	0	0	0	0	0
20:00	12	0	10	2	0	0	0	0	0	0	0	0	0	0
21:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
22:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	270	3	246	7	0	0	13	1	0	0	0	0	0	0
16H,6-22	304	4	277	9	0	0	13	1	0	0	0	0	0	0
18H,6-24	310	4	283	9	0	0	13	1	0	0	0	0	0	0
24H,0-24	315	4	288	9	0	0	13	1	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE, RIGID/	AXLE	AXLE	AXLE	AXLE	ARTIC	TRAILER	TRAILER	AXLE
			LGV			BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Mon 24-Jun-24														
00:00	2	0	2	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	10	0	10	0	0	0	0	0	0	0	0	0	0	0
06:00	18	0	15	2	0	0	1	0	0	0	0	0	0	0
07:00	41	1	37	0	0	0	3	0	0	0	0	0	0	0
08:00	51	0	49	1	0	0	1	0	0	0	0	0	0	0
09:00	29	0	27	1	0	0	1	0	0	0	0	0	0	0
10:00	23	1	21	1	0	0	0	0	0	0	0	0	0	0
11:00	19	0	18	1	0	0	0	0	0	0	0	0	0	0
12:00	19	1	18	0	0	0	0	0	0	0	0	0	0	0
13:00	22	1	21	0	0	0	0	0	0	0	0	0	0	0
14:00	19	0	17	0	0	0	2	0	0	0	0	0	0	0
15:00	16	0	15	1	0	0	0	0	0	0	0	0	0	0
16:00	20	0	17	1	0	0	2	0	0	0	0	0	0	0
17:00	22	0	19	0	0	0	3	0	0	0	0	0	0	0
18:00	28	0	26	0	0	0	2	0	0	0	0	0	0	0
19:00	15	1	14	0	0	0	0	0	0	0	0	0	0	0
20:00	9	1	8	0	0	0	0	0	0	0	0	0	0	0
21:00	5	0	4	0	0	0	1	0	0	0	0	0	0	0
22:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0
23:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	309	4	285	6	0	0	14	0	0	0	0	0	0	0
16H,6-22	356	6	326	8	0	0	16	0	0	0	0	0	0	0
18H,6-24	363	6	333	8	0	0	16	0	0	0	0	0	0	0
24H,0-24	378	6	348	8	0	0	16	0	0	0	0	0	0	0

13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE, RIGID/	AXLE	AXLE	AXLE	ARTIC	ARTIC	TRAILER	TRAILER	AXLE
			LGV			BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Tue 25-Jun-24														
00:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0
06:00	20	0	16	3	0	0	1	0	0	0	0	0	0	0
07:00	46	1	45	0	0	0	0	0	0	0	0	0	0	0
08:00	45	1	42	2	0	0	0	0	0	0	0	0	0	0
09:00	25	0	23	0	0	0	2	0	0	0	0	0	0	0
10:00	16	0	13	1	0	0	2	0	0	0	0	0	0	0
11:00	21	0	20	0	0	0	1	0	0	0	0	0	0	0
12:00	16	0	14	1	0	0	1	0	0	0	0	0	0	0
13:00	23	1	20	2	0	0	0	0	0	0	0	0	0	0
14:00	19	0	17	1	0	0	1	0	0	0	0	0	0	0
15:00	17	0	15	1	0	0	1	0	0	0	0	0	0	0
16:00	21	0	20	0	0	0	1	0	0	0	0	0	0	0
17:00	33	1	30	0	0	0	2	0	0	0	0	0	0	0
18:00	27	1	22	0	0	0	3	0	1	0	0	0	0	0
19:00	17	0	17	0	0	0	0	0	0	0	0	0	0	0
20:00	18	0	18	0	0	0	0	0	0	0	0	0	0	0
21:00	9	0	9	0	0	0	0	0	0	0	0	0	0	0
22:00	8	0	8	0	0	0	0	0	0	0	0	0	0	0
23:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	309	5	281	8	0	0	14	0	1	0	0	0	0	0
16H,6-22	373	5	341	11	0	0	15	0	1	0	0	0	0	0
18H,6-24	386	5	354	11	0	0	15	0	1	0	0	0	0	0
24H,0-24	394	5	362	11	0	0	15	0	1	0	0	0	0	0

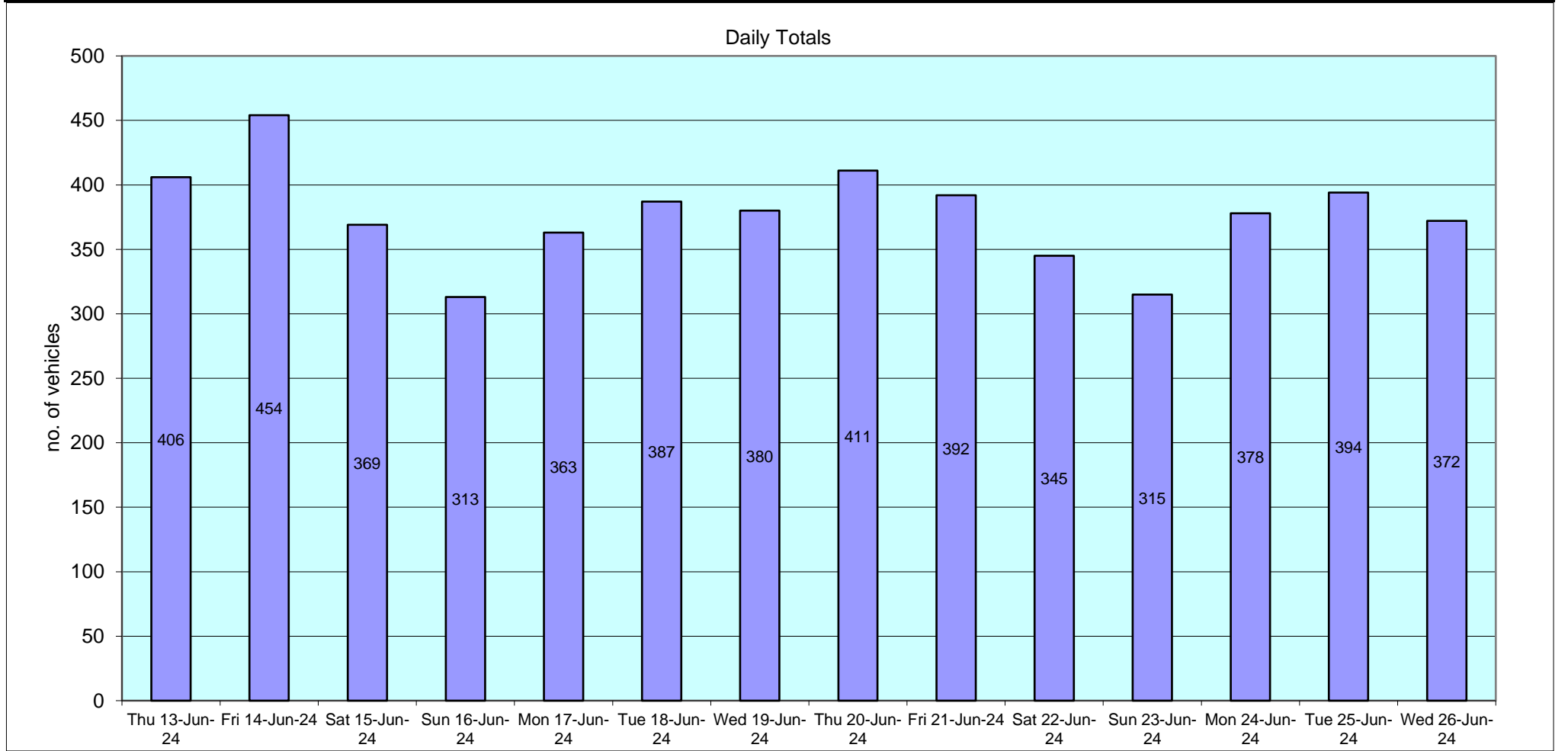
13442			BRAMFORD			Site No: 13442001		Location	Stoddart Rd, Bramford (L/C O/S #9)					
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
			CARS OR	LIGHT		TWO		FOUR OR	FOUR OR		SIX OR	FIVE OR	SIX AXLE	SEVEN OR
TIME	TOTAL	MOTOR-	CAR-OR	GOODS	BUSES	AXLE, SIX	THREE	MORE	LESS	FIVE AXLE	AXLE	MULTI-	MULTI-	MORE
PERIOD	VEHICLES	CYCLES	BASED	VEHICLES		TYRE, RIGID/	AXLE	AXLE	AXLE	ARTIC	ARTIC	TRAILER	TRAILER	AXLE
			LGV			BUSES	RIGID	RIGID	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC	ARTIC
Wed 26-Jun-24														
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00	6	0	6	0	0	0	0	0	0	0	0	0	0	0
06:00	18	0	16	1	0	0	1	0	0	0	0	0	0	0
07:00	41	1	40	0	0	0	0	0	0	0	0	0	0	0
08:00	55	1	50	4	0	0	0	0	0	0	0	0	0	0
09:00	24	0	23	1	0	0	0	0	0	0	0	0	0	0
10:00	15	0	15	0	0	0	0	0	0	0	0	0	0	0
11:00	20	0	19	1	0	0	0	0	0	0	0	0	0	0
12:00	14	0	13	1	0	0	0	0	0	0	0	0	0	0
13:00	15	1	14	0	0	0	0	0	0	0	0	0	0	0
14:00	22	0	21	1	0	0	0	0	0	0	0	0	0	0
15:00	28	0	27	1	0	0	0	0	0	0	0	0	0	0
16:00	27	0	27	0	0	0	0	0	0	0	0	0	0	0
17:00	23	0	21	2	0	0	0	0	0	0	0	0	0	0
18:00	21	0	19	1	0	0	1	0	0	0	0	0	0	0
19:00	18	0	17	0	0	0	1	0	0	0	0	0	0	0
20:00	11	0	11	0	0	0	0	0	0	0	0	0	0	0
21:00	8	0	8	0	0	0	0	0	0	0	0	0	0	0
22:00	5	0	4	0	0	0	1	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	305	3	289	12	0	0	1	0	0	0	0	0	0	0
16H,6-22	360	3	341	13	0	0	3	0	0	0	0	0	0	0
18H,6-24	365	3	345	13	0	0	4	0	0	0	0	0	0	0
24H,0-24	372	3	352	13	0	0	4	0	0	0	0	0	0	0

13442		BRAMFORD				Site No: 13442001		Location		Stoddart Rd, Bramford (L/C O/S #9)				
Thu 13-Jun-24 to Wed 26-Jun-24						Channel: Westbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES		FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Daily Totals														
Thu 13-Jun-24	406	5	325	23	0	0	53	0	0	0	0	0	0	0
Fri 14-Jun-24	454	3	388	31	0	0	32	0	0	0	0	0	0	0
Sat 15-Jun-24	369	2	306	9	0	0	52	0	0	0	0	0	0	0
Sun 16-Jun-24	313	2	240	16	0	0	55	0	0	0	0	0	0	0
Mon 17-Jun-24	363	3	291	13	0	0	56	0	0	0	0	0	0	0
Tue 18-Jun-24	387	4	348	23	0	0	12	0	0	0	0	0	0	0
Wed 19-Jun-24	380	4	354	13	1	0	8	0	0	0	0	0	0	0
Thu 20-Jun-24	411	12	371	10	0	0	18	0	0	0	0	0	0	0
Fri 21-Jun-24	392	3	368	12	0	0	8	0	1	0	0	0	0	0
Sat 22-Jun-24	345	2	327	11	0	0	5	0	0	0	0	0	0	0
Sun 23-Jun-24	315	4	288	9	0	0	13	1	0	0	0	0	0	0
Mon 24-Jun-24	378	6	348	8	0	0	16	0	0	0	0	0	0	0
Tue 25-Jun-24	394	5	362	11	0	0	15	0	1	0	0	0	0	0
Wed 26-Jun-24	372	3	352	13	0	0	4	0	0	0	0	0	0	0

13442	BRAMFORD	Site No: 13442001	Location	Stoddart Rd, Bramford (L/C O/S #9)
Thu 13-Jun-24 to Wed 26-Jun-24		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/ BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
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Total Vehicles	5279	58	4668	202	1	0	347	1	2	0	0	0	0	0
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Appendix H



Weather Condition AM:	DRY	Weather Condition PM:	DRY
Location:	WILLOWBROOK, BRAMFORD		
Date:	20/06/2024		
No. of Vehs on site at Start:	0		
No. of Vehs on site at End:	0		

Notes about unusual issues with survey:

MANUAL SURVEY COUNT (INBOUND)

INDIVIDUAL INBOUND COUNTS

Access Point

STODDART ROAD

Date

20/06/2024

PLEASE COMPLETE EVERY AVAILABLE CELL EVEN IF COUNT IS 0



	VEHICLES															PASSENGERS				CYCLISTS				PEDESTRIANS				BUS									
TIME	CARS / VANS		TAXIS		M/C		LGV		PSV		OGV1	OGV2	OGVs		TOTAL VEHICLES		VEH + 1 PASS	VEH + 2 PASS	VEH + 3+ PASS	TOTAL PASS		ADULT P/C	CHILD P/C	ACCOM CHILD P/C	TOTAL P/C		ADULT PEDS	CHILD PEDS	ACCOM CHILD PED	TOTAL PEDS		BUS USER		TOTAL PEOPLE			
0700-0730	4	8	0	0	0	0	2	2	0	0	0	0	0	0	6	10	1	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	12
0730-0800	4		0		0		0		0		0	0	0		0		0	0	0	4		1	0	0	0		0	0	0	0	0	0	0	0	0	0	
0800-0830	5	15	0	0	0	0	2	2	0	0	1	0	1	1	8	18	2	0	0	2	3	0	0	0	0	0	1	0	0	1	1	0	0	0	11	22	
0830-0900	10		0		0		0		0		0	0	0		0		0	0	0	10		1	0	0	1		0	0	0	0	0	0	0	0	0		0
0900-0930	10	13	0	0	0	0	0	1	0	0	1	0	1	1	11	15	2	0	0	2	2	0	0	0	0	0	6	0	0	6	6	0	0	19	23		
0930-1000	3		0		0		0		1		1	0	0		0		0	0	0	4		0	0	0	0		0	0	0	0	0	0	0	0		0	0
1000-1030	7	14	0	0	0	0	1	3	0	0	0	0	0	0	8	17	2	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	10	20		
1030-1100	7		0		0		0		2		3	0	0		0		0	0	0	9		1	0	0	1		0	0	0	0	0	0	0	0		0	0
1100-1130	2	13	0	0	1	1	0	1	0	0	0	0	0	0	3	15	1	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	4	20		
1130-1200	11		0		0		0		1		1	0	0		0		0	0	0	12		4	0	0	4		0	0	0	0	0	0	0	0		0	0
1200-1230	10	20	0	0	0	0	0	0	0	0	0	0	0	0	10	20	2	0	0	2	6	0	0	0	0	1	0	0	0	0	0	0	0	12	27		
1230-1300	10		0		0		0		0		0	0	0		0		0	0	0	10		2	1	0	4		1	0	0	1	1	0	0	0		0	0
1300-1330	6	16	0	0	0	0	0	0	0	0	1	0	1	3	7	19	1	0	0	1	2	0	1	0	1	1	0	0	0	0	1	0	0	9	23		
1330-1400	10		0		0		0		0		0	0	0		2		0	2	12	1		0	0	1	0		0	0	0	1	1	0	0	1		0	0
1400-1430	7	18	0	0	0	0	0	2	0	0	0	0	0	1	7	21	1	0	0	1	2	0	2	0	2	2	2	0	0	2	2	0	0	12	27		
1430-1500	11		0		0		0		2		2	0	1		0		1	14	1	0		0	1	0	0		0	0	0	2	0	0	0	0		0	0
1500-1530	11	28	0	0	0	0	2	6	0	0	0	0	0	0	13	34	6	0	0	6	16	0	0	0	0	1	0	5	0	5	11	0	0	24	62		
1530-1600	17		0		0		0		4		6	0	0		0		0	0	0	21		8	1	0	10		1	0	0	1	1	0	5	6		0	0
1600-1630	22	41	0	0	0	0	2	5	0	0	0	0	0	1	24	47	4	0	0	4	8	1	1	0	2	3	1	2	0	3	3	0	0	33	61		
1630-1700	19		0		0		0		3		5	0	0		1		0	1	23	4		0	0	4	1		0	0	1	3	0	0	0	0		0	0
1700-1730	27	46	0	0	0	0	2	4	0	0	0	0	0	0	29	50	5	0	0	5	10	0	0	0	0	0	1	0	0	1	3	0	0	35	63		
1730-1800	19		0		0		0		2		4	0	0		0		0	0	0	21		3	1	0	5		0	0	0	0	0	0	0	1		1	0
1800-1830	11	23	0	0	0	0	0	2	0	0	0	0	0	0	11	25	1	1	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	14	29		
1830-1900	12		0		0		0		2		2	0	0		0		0	0	0	14		1	0	0	1		0	0	0	0	0	0	0	0		0	0
TIME	CARS / VANS		TAXIS		M/C		LGV		PSV		OGV1	OGV2	OGVs		TOTAL VEHICLES		VEH + 1 PASS	VEH + 2 PASS	VEH + 3+ PASS	TOTAL PASS		ADULT P/C	CHILD P/C	ACCOM CHILD P/C	TOTAL P/C		ADULT PEDS	CHILD PEDS	ACCOM CHILD PED	TOTAL PEDS		BUS USER		TOTAL PEOPLE			
TOTALS	255	255	0	0	1	1	28	28	0	0	7	0	7	7	291	291	55	4	0	63	63	4	4	0	8	8	14	8	5	27	27	0	0	389	389		

MANUAL SURVEY COUNT (OUTBOUND)

INDIVIDUAL OUTBOUND COUNTS

Access Point

STODDART ROAD

Date

20/06/2024

PLEASE COMPLETE EVERY AVAILABLE CELL EVEN IF COUNT IS 0



	VEHICLES																PASSENGERS				CYCLISTS				PEDESTRIANS				BUS						
TIME	CARS / VANS		TAXIS		M/C		LGV		PSV		OGV1	OGV2	OGVs		TOTAL VEHICLES		VEH + 1 PASS	VEH + 2 PASS	VEH + 3+ PASS	TOTAL PASS		ADULT P/C	CHILD P/C	ACCOM CHILD P/C	TOTAL P/C		ADULT PEDS	CHILD PEDS	ACCOM CHILD PED	TOTAL PEDS		BUS USER		TOTAL PEOPLE	
0700-0730	16	46	0	0	0	0	5	5	0	0	0	0	0	0	21	51	3	0	0	3	9	1	0	0	1	1	0	0	0	0	5	0	0	25	66
0730-0800	30		0		0		0		0		0	0	0		0		0	0	0	30		6	0	0	6		0	0	0	0		1		1	
0800-0830	28	48	0	0	0	0	1	2	0	0	0	0	0	1	29	51	10	0	0	10	17	0	0	0	0	0	0	3	3	6	18	0	0	45	86
0830-0900	20		0		0		0		1		2	0	1		0		1	22	5	1		0	7	0	0		0	0	0	1		0		11	
0900-0930	10	20	0	0	0	0	0	2	0	0	1	0	1	1	11	23	4	0	0	4	6	0	0	0	0	0	0	0	0	0	3	0	0	15	32
0930-1000	10		0		0		0		2		2	0	0		0		0	0	0	12		2	0	0	2		0	0	0	0		3		0	
1000-1030	6	12	0	0	0	0	0	2	0	0	0	0	0	0	6	14	2	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	8	17
1030-1100	6		0		0		0		2		2	0	0		0		0	0	0	8		1	0	0	1		0	0	0	0		0		0	
1100-1130	5	14	0	0	0	0	1	2	0	0	0	0	0	0	6	16	2	0	0	2	3	0	0	0	0	1	2	0	0	2	2	0	0	10	22
1130-1200	9		0		0		0		1		2	0	0		0		0	0	0	10		1	0	0	1		1	0	0	1		0		0	
1200-1230	11	16	0	0	0	0	1	1	0	0	0	0	0	0	12	17	3	0	0	3	3	0	0	0	0	1	0	0	0	0	3	0	0	15	24
1230-1300	5		0		0		0		0		1	0	0		0		0	0	0	5		0	0	0	0		1	1	0	1		3		0	
1300-1330	10	19	0	0	1	1	0	0	0	0	1	0	1	1	12	21	1	0	0	1	2	0	0	0	0	0	1	0	0	1	3	0	0	14	26
1330-1400	9		0		0		0		0		0	0	0		0		0	0	0	9		1	0	0	1		0	0	0	0		0		0	
1400-1430	5	17	0	0	0	0	0	1	0	0	0	0	0	2	5	20	0	0	0	0	1	0	1	0	1	3	0	1	0	1	3	0	0	7	27
1430-1500	12		0		0		0		1		0	0	2		0		2	15	1	0		0	1	0	2		0	2	3	2		0		0	
1500-1530	13	25	0	0	0	0	2	4	0	0	1	0	1	1	16	30	1	0	0	1	7	1	0	0	1	1	0	0	0	0	1	0	0	18	39
1530-1600	12		0		0		0		2		0	0	0		0		0	0	0	14		4	1	0	6		0	0	0	0		0		0	
1600-1630	15	25	0	0	0	0	2	3	0	0	0	0	0	1	17	29	4	0	0	4	6	0	0	0	0	0	0	3	0	3	4	0	0	24	39
1630-1700	10		0		0		0		1		0	0	1		0		1	12	2	0		0	2	0	0		0	0	0	0		0		0	
1700-1730	8	19	0	0	0	0	2	3	0	0	0	0	0	0	10	22	3	0	0	3	6	0	0	0	0	0	3	0	0	3	4	0	0	16	32
1730-1800	11		0		0		0		1		0	0	0		0		0	12	3	0		0	3	0	0		0	0	0	0		0		1	
1800-1830	9	21	0	0	0	0	0	1	0	0	0	0	0	0	9	22	4	0	5	19	19	0	0	0	0	0	1	0	0	1	1	0	0	29	42
1830-1900	12		0		0		0		1		0	0	0		0		0	0	0	13		0	0	0	0		0	0	0	0		0		0	
TIME	CARS / VANS		TAXIS		M/C		LGV		PSV		OGV1	OGV2	OGVs		TOTAL VEHICLES		VEH + 1 PASS	VEH + 2 PASS	VEH + 3+ PASS	TOTAL PASS		ADULT P/C	CHILD P/C	ACCOM CHILD P/C	TOTAL P/C		ADULT PEDS	CHILD PEDS	ACCOM CHILD PED	TOTAL PEDS		BUS USER		TOTAL PEOPLE	
TOTALS	282	282	0	0	1	1	26	26	0	0	7	0	7	7	316	316	63	2	5	82	82	4	3	0	7	7	21	10	16	47	47	0	0	452	452