Aubourn Architecture

Well Street, Cefn Mawr

Transport Assessment

FINAL
November 2024



Revision Schedule

Well Street, Cefn Mawr

Transport Assessment

November 2024

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-	28th October 2024	First Issue	Calum Reford, BSc (Hons), MSc.	Lee Barnes, BSc (Hons), MCIHT	Lee Barnes, BSc (Hons), MCIHT
P1	15th November 2024	First Revision	Calum Reford, BSc (Hons), MSc.	Lee Barnes, BSc (Hons), MCIHT	Lee Barnes, BSc (Hons), MCIHT

REVISION NOTES	
P1	Revised to address client comments.

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1.0 INTRODUCTION

Instructions

1.1 This report has been prepared in accordance with instructions from Aubourne Architecture, on behalf of their client, Garob Oswald Road Ltd., to support a full planning application for the proposed development for the erection of 5no. light industrial units within the associated car parking area of the former Co-Operative Store, Well Street, Cefn Mawr, Wrexham, LL14 3YE.

1.2 The purpose of this Transport Assessment is to provide an assessment of the proposed development in accordance with Technical Advice Note (TAN) 18 of the Planning Policy Wales, and objective 7 of the Future Wales 2040 National Plan. The report will examine the effects of the proposed development within the local highway network and provide an overview of the public transport provision and opportunities for active travel.

Guidance

1.3 This Transport Assessment has been prepared in accordance with the Wrexham Unitary Development Plan, Local Planning Guidance Note 16: *Parking Standards*, and TAN18: *Transport*, and the Wales Transport Strategy 2021.

1.4 TAN18 is the main document which provides detailed guidance on transport-related impacts of new development in Wales. The main purpose of TAN18 is to ensure that transport planning supports sustainable development.

Background

1.5 Planning permission has already been obtained for the change of use of the existing former Co-Operative store from A1 (retail) to B1 and B8 use. This report seeks to address the proposed development which seeks permission to erect 5no. light industrial units on the former car park of the Co-Operative store, which will complement the previously approved change of use (reference P/2023/0008).

2.0 EXISTING NETWORK

Site Location and Current Use

2.1 The site is currently located immediately to the south side of Well Street, and is located within the village of Cefn Mawr, 9.2km to the southwest of Wrexham. The site has an approximate area of 0.4ha.

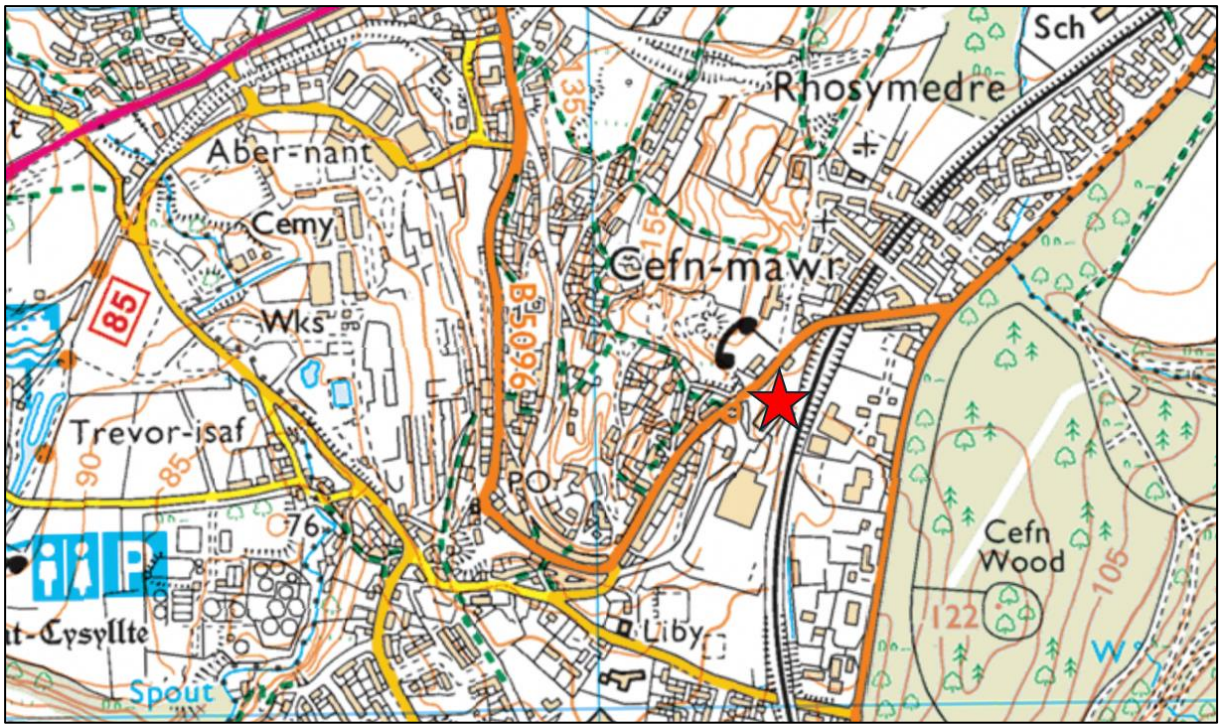


Figure 1 - Approximate Site Location

2.2 The site is located approximately 325m to the northeast of Cefn Mawr village centre, and approximately 2.4km to the southwest of the A483 trunk road. The site comprises the former car park of the Co-operative store, now disused, which gained planning permission in 2023 for conversion to B1 and B8 light industrial use.

Existing Traffic Conditions

2.3 The site is currently accessed by the existing priority access off Well Street. Well Street is a standard urban distributor road, connecting the centre of Cefn Mawr with the B5605 Park Road. Approximately 25m to the southwest of the site access is the roundabout of Well Street/Oxford Street, which provides access to the Tesco Supermarket, 130m to the south of the development site. Well Street is subject to the urban speed limit of 20MPH, with pedestrian footways located on the southbound side of the carriageway.

2.4 Oxford street is a minor distributor road. Its main use is to provide a connection between Well Street and Hill Street, and the Tesco Supermarket, allowing traffic to by-pass the historic narrow streets within Cefn Mawr village centre. Oxford Street is subject to the urban speed limit of 20MPH along its entire length, with footways present on both sides of the carriageway. Streetlighting is also present along its entire length.



Figure 2 - Existing Site Access off Well Street.

Accident History

2.5 Recent accident records for the last 5-years were assessed for the existing site access off Well Street, and the Well Street / Oxford Street roundabout. Accident records were obtained using the *CrashMap* (www.crashmap.co.uk) web application. The results show no accidents have been recorded at either location within the last 5-years.

2.6 As a result, the search period was extended to the last 10-years in order to establish any historic highway safety issues. With the extended search period, no accidents were recorded. This therefore demonstrates an exemplary safety record for this section of Well Street and the roundabout of Well Street and Oxford Street.

2.7 It is clear from the lack of recorded accidents during the 10-year search period, that the search area has an exemplary highway safety record. Therefore, there is no evidence to suggest that the accident rate would increase as a result of the proposed development.

3.0 PROPOSED DEVELOPMENT

Proposed Land Use

3.1 The proposed development seeks planning permission for the erection of 5no. light industrial units with associated parking on land of the former car park of the Co-Operative store, Well Street, Cefn Mawr. A copy of the proposed site layout can be found within Appendix A of this report.

3.2 The proposed light industrial units will be located within the current former car park, which served the former 750sqm Co-Operative store. The store itself is now disused and current has the benefit of planning permission to change use from A1 (Retail) to B1 and B8 light industrial uses. Each new unit will have 100sqm floorspace, with a total building floorspace of 500sqm. The remaining forecourt area will be used to provide parking for both units and as an HGV turning area.

Access Arrangements

3.3 As shown on the Aubourn Architecture drawing A079-PL-003 (Appendix A), the development will take access from the existing site access off Well Street. The access will serve both the converted building and the proposed light industrial units.

3.4 There are no proposed alterations to the existing site access off Well Street. Swept path analysis has also been conducted using a 16.5m articulated vehicle to demonstrate that the access will operate safely, and that a 16.5m HGV can enter and exit the site safely in a forward gear.

4.0 TRAFFIC IMPACT

Existing Generated Traffic

4.1 To assess baseline trip generation, an assessment has been carried out using typical TRICS data to compare trip generation between the previously extant retail use and the proposed use of the site for light industrial uses.

4.2 Estimated use trips are summarised in the Table below, with TRICS data available within Appendix B of this report. Trip rates were selected based on similar sized food stores, which are considered to be representative of the former Co-Operative store previously in operation at the site.

Table 1 - Trip Generation for Extant Retail Use.

Use	AM Peak Hour			PM Peak Hour		
	Arr.	Dep.	2-Way	Arr.	Dep.	2-Way
Trip Rate	2.446	1.474	3.92	3.198	3.387	6.585
750sqm Retail (Food Store)	18	11	29	24	25	49

Proposed Development Traffic

4.3 Trip generation for the proposed light industrial units, and the previously consented conversion of the existing building have been calculated using their respective gross external areas. The proposed building will have a total GEA of 500sqm, divided equally over 5no. smaller units, providing 100sqm of floorspace for each unit. For the purposes of this assessment, the total floorspace of the proposed building has been used.

4.4 Trip generation has been calculated using typical TRICS data. Selection criteria sought the following information:

- Land Use 02 – Employment
- Category A – Office
- Multi-Modal Surveys
- Removed Town Centre and Edge of Centre locations.

4.5 It was considered that 'Office' trips would provide a more robust assessment of predicted trip generation of the proposed development so as to demonstrate a 'worst-case' scenario, as office-uses are considered to generate the most trips of all employment land-uses.

Table 2 - Predicted Trip Generation for the Proposed Development (All Vehicles).

Use	AM Peak Hour			PM Peak Hour		
	Arr.	Dep.	2-Way	Arr.	Dep.	2-Way
Trip Rate	1.428	0.242	1.652	0.166	1.225	1.391
750sqm Converted Building	11	2	12	1	9	10
500sqm New Building	7	1	8	1	6	7
Total Predicted Trips	**18**	**3**	**21**	**2**	**15**	**17**
Total Existing Trips	18	11	29	24	25	49
Net Difference *(Predicted Trips – Existing Trips)*	**0**	**-8**	**-9**	**-22**	**-10**	**-32**

4.6 As can be seen from Table 2, above, the trip generation from the proposed development will have a net decrease of trips when compared to the existing trips associated with a supermarket food-store which previously operated from the site. Therefore, the proposed use is considered to have a far less traffic impact than the pervious use. Consequently, the development would not have a detrimental impact on the capacity of the surrounding highway network.

4.7 Based on the above trip generation, the proposed development would likely generate up to 21 two-way trips during the peak hour, equating to 3.5 vehicles every 10-minutes during each peak hour. Given these flows, the site is unlikely to have any material impact on hourly traffic flows. Highway impact is typically considered material where traffic flow exceeds existing flows by 30-movements during the peak hours. The overall volume of traffic does not warrant the need for junction capacity assessments, as it does not exceed 30 two-way movements during the peak hours, and the proposed trips are significantly less than the existing extant use at the site.

5.0 SERVICING

Car Parking

5.1 As shown on the Auborn Architecture drawing A079-PL-003, a car parking area has been provided to the front of the proposed building. The car park will be shared between the converted supermarket building and the proposed new industrial units. A total of 25no. parking spaces are proposed.

5.2 An assessment of parking provision to ensure its accordance with Wrexham County Borough Council's *Local Planning Guidance Note 16* has been conducted. According to figure B of the guidance note, the following parking provision is required.

Table 3 - Parking Requirements

Land Use	Unit Area	Spaces per m^2	Spaces Required
B1 (Business and Light Industry)	$500m^2$	1 space per $30m^2$	17
B8 (Storage and Distribution)	$750m^2$	1 space per $100m^2$	8
		Total Spaces Required	**25**
		Total Spaces Provided	**25**

5.3 As can be seen from Table 3, the proposed development will accord with the requirements of the Local Planning Guidance Note 16. Furthermore, it is considered that the site's sustainable location on the edge of Cefn Mawr Village Centre would assist in reducing the need for employees to commute via single occupancy car journeys and encourage a modal shift to more sustainable travel means. This aligns with the Welsh Government's *Future Wales 2040* National Plan which seeks to reduce the overall level of car parking within urban areas.

Electric Vehicle Charging Spaces

5.4 In accordance with *Future Wales 2040 National Plan*, 10% of the provided parking spaces will provide EV charging points. Therefore, a total of 2no. EV charging spaces will be provided on site.

Cycle Parking

5.5 In accordance with Wrexham County Borough Council's *Local Planning Guidance Note 16*, cycle parking spaces should be provided in accordance with figure B of the guidance note. Therefore, a total of 3no. Sheffield Cycle Stands will be provided on site to provide secure and sheltered cycle storage for up to 6no. bicycles. It is considered that this will provide adequate cycle parking for the site to serve the development and promote sustainable travel opportunities.

Refuse Collection and Construction Traffic

5.6 Waste from the proposed units will be stored onsite in a designated waste collection point. It is proposed that waste will be collected by a third-party refuse collection vehicle which will access the site and collect waste from the designated collection point. As per paragraph 3.4 of this report, swept path analysis has been conducted using a 16.5m articulated HGV. Therefore, it is clear that the site can be accessed safely by a refuse collection vehicle or fire appliance.

5.7 A Construction Management Plan will set out the hours of operation of plant, as well as any scheduled deliveries during the construction period. The management plan could be secured via a suitably worded planning condition.

6.0 SUSTAINABLE TRAVEL

6.1 A review of the accessibility of the site by various sustainable modes has been undertaken.

Walking

6.2 Walking is the ultimate sustainable travel method. Every journey begins and ends with walking, so this is the mode of transport that should be a primary consideration. The threshold for appropriate walking distances to and from key services and amenities as set out within the 2015 CIHT guidance document *Planning for Walking* and describes how approximately 80% of all journeys under 1-mile are made on foot. The CIHT document identifies the preferred maximum acceptable walking distances for different destination types can be summarised below.

Table 4 - Suggested Acceptable Walking Distances (CIHT, 2015).

	Town Centre	Commuting	Elsewhere
Desirable	200m	500m	400m
Acceptable	400m	1000m	800m
Preferred Maximum	800m	2000m	1200m

6.3 It should be noted that distances identified should be regarded as guidance and that there should also be emphasis placed upon the quality, attractiveness, and directness of pedestrian facilities/routes. The geographical areas that are within the acceptable walking distance of the proposed development are illustrated within Figure 3 below. More important than distance, the time to travel to locations from the development must also be considered.

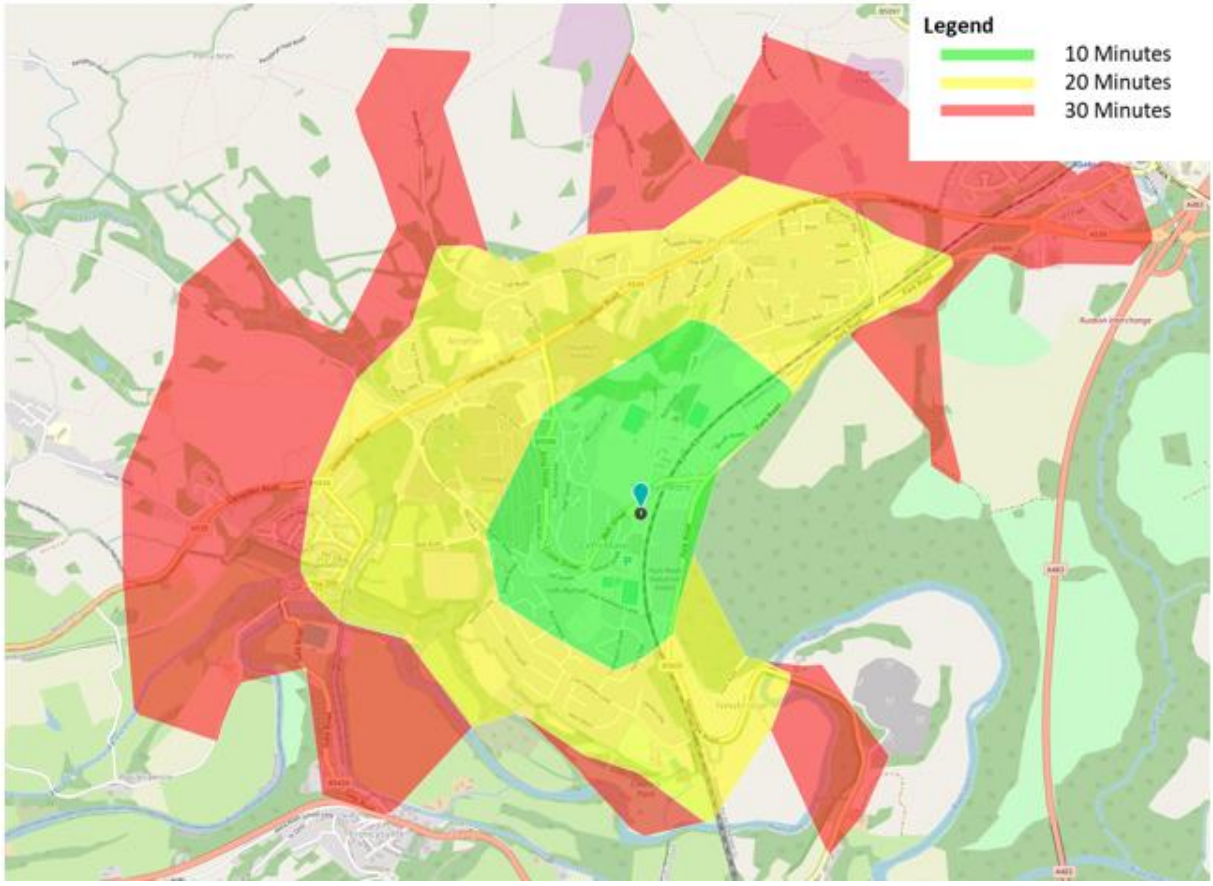


Figure 3 - Walking Isochrones (*Open Street Map*)

6.4 As can be seen in Figure 3, the site is within walking distance of much Cefn Mawr. The village centre, home to a number of services and businesses within a 10-minute walk of the site. Outer areas of Ruabon can also be reached within a 30-minute walk from the site entrance.

Cycling

6.5 Cycling is an effective mode of travel for medium distances that practically preclude walking. It provides fast, direct access and has no limitations upon arrival and departure times. It is due to this flexibility that cycling has seen a resurgence and is the mode of choice for many commuters. It also enables riders to get some exercise as part of their daily commute.

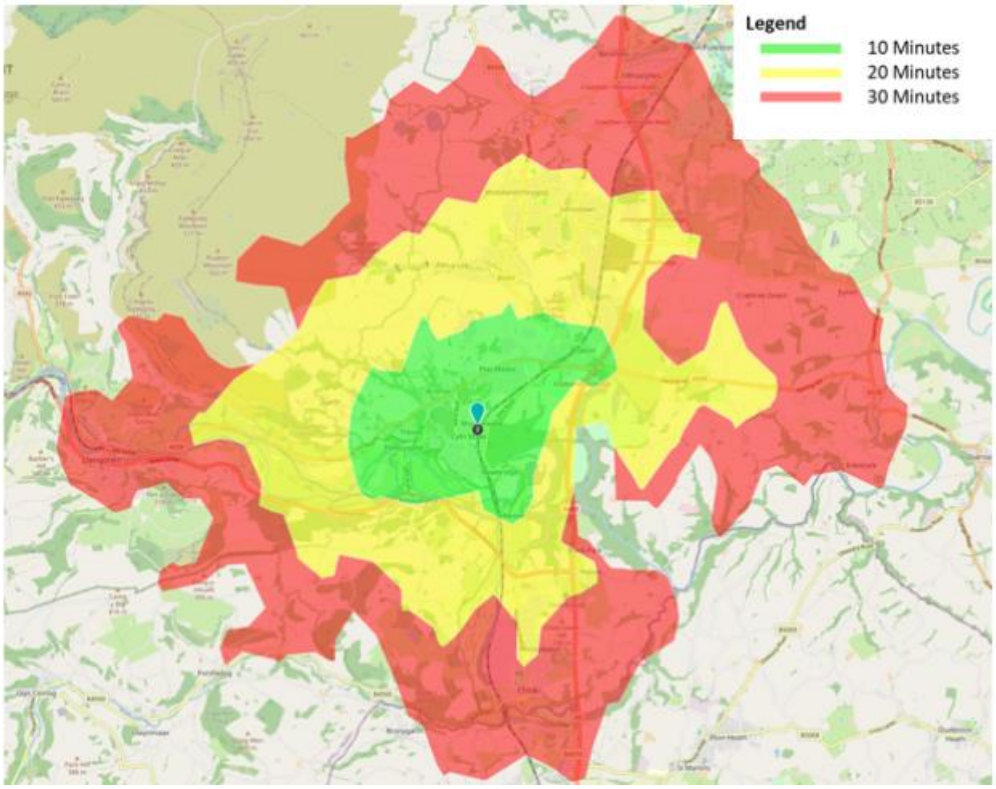


Figure 4 - Cycling Isochrones (*Open Street Map*).

6.6 Figure 4 demonstrates that all of Cefn Mawr, and Ruabon can be reached within a 10-minute cycle of the site. Further afield, Johnstown, and Chirk can be reached within a 30-minute cycle journey. Ruabon Railway Station can also be reached within a 10-minute cycle journey, which could open opportunities for multi-modal trips from the region such as Wrexham, Shrewsbury, and Oswestry. This means that the site is suitably accessible of commuters who wish to cycle from outlying residential areas.

Public Transport

6.7 The nearest bus stops are located directly outside the site on Well Street. Bus services accessible from these bus stops are shown in Table 5, below. Timetables are available within Appendix C of this report.

Table 5 - List of Bus Services from Well Street, *Traveline, 2024*.

Route No.	Terminus	Days	Frequency	Operator
2	Wrexham - Oswestry	Mon-Fri Sat Sun	1 per hour 1 per hour 1 per hour	Arriva Wales
2A	Wrexham - Oswestry	Mon-Fri Sat Sun	1 per hour 1 per hour No service	Arrive Wales
2C	Wrexham – Cefn Mawr	Mon-Fri Sat Sun	2 per hour 2 per hour No service	Arriva Wales
5C	Wrexham - Llangollen	Mon-Fri Sat Sun	2 per day No service No service	Arriva Wales

6.8 It is considered that the services listed above provides an acceptable level of public transport for the development, and provides adequate connections between the site and Wrexham, Plas Madoc, Ruabon, Johnstown, and Oswestry.

Rail Services

6.9 In addition to bus services, Ruabon Railway Station is located 2.2km from the site, and is accessible via a 10-minute cycle journey. Therefore, there is an opportunity for multi-modal travel using both rail and cycling to commute to the site. Services calling a Ruabon are operated by Transport for Wales, calling a several intermediate stations between Cardiff, Llanelli, Holyhead, Llandudno, and Shrewsbury.

Sustainable Transport Summary

6.10 As can be seen from the above, the site is well served by public transport, leading to the potential practical uses as an alternative to the private car.

6.11 These sustainable transport measures will have the effect of depressing the vehicular trip rates referred to in Section 4 above. While it is not possible to quantify such benefits, the presence of these measures will provide confidence that traffic impact will be minimal.

7.0 CONCLUSIONS AND RECOMMENDATIONS

7.1 This Transport Assessment has been prepared to support a planning application to Wrexham County Borough Council for the proposed development of 5no. light industrial units on land of the former Co-Operative Store car park, Well Street, Cefn Mawr. The proposed development will complement the proposed change of use of the existing Co-Operative Store which gained change of use planning permission to be converted into B1 and B8 use.

7.2 From this assessment, it may be concluded that the existing highway network will operate safely in providing access to the proposed development. In particular,

- The proposed land use, when combined with the permitted change of use, will generative significantly fewer trips on the local highway network, when compared to the site's extant use as a supermarket.
- In view of the low accident record on the nearby highway network, the proposed development will not give rise to any highway safety issues.
- The site is well served by public transport services and can be accessed via active travel means.

7.3 With regards to vehicle parking provision, the proposed development will provide 25no. car parking spaces, with 2no. EV Charging spaces, in accordance with the aims of the *Future Wales National Plan*, and Wrexham County Borough Council's *Maximum Parking Standards*, set out within the Local Planning Guidance Note 16.

7.4 With reference to TAN18, the proposed development supports the sustainability objectives of Planning Policy Wales and *Future Wales* National Plan by reducing the reliance on private vehicles, is located within a sustainable location, with convenient access to sustainable transport options.

7.5 In accordance with TAN18, this report demonstrates that the proposed development access is designed to a standard which is fit for purpose and will not have a detrimental impact on highway safety. Furthermore, in view the reduced trip generation from this site, mitigation measures on the existing highway network are not considered necessary.

7.6 Overall, the proposed development will be adequately served in terms of access and transport without creating any perceptible impact on the existing local network in terms of traffic flow or highway safety.

APPENDIX A SITE LAYOUT

Scale 1:250 0 10m 25m

- This document is © Aubourn Architecture
- Do not scale from this drawing
- All dimensions are to be checked on site by the Contractor
- Report any drawing errors or omissions to the Designer
- All dimensions in millimeters unless noted otherwise

Rev: Description: Date:

WELL STREET

EXISTING ACCESS RETAINED

EXISTING ACCESS RETAINED

SHARED ACCESS / TURNING / LOADING AREA

SERVICE YARD

EXISTING UNIT 750sqm

UNIT 1 100sqm

UNIT 2 100sqm

UNIT 3 100sqm

UNIT 4 100sqm

UNIT 5 100sqm

12000

6000

5000

2500

6000

P1 P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13 P14 P15 P16 P17 P18 P19 P20 P21 P22 P23 P24 P25

Site Key.

- **Proposed access** Shared access / loading / turning area
- **Proposed car parking** 25 spaces in total
- **Proposed paving**
- **Proposed grass**
- **Proposed planting**
- **Proposed trees**
- **Application boundary** 4570m² / 1.13acre

N

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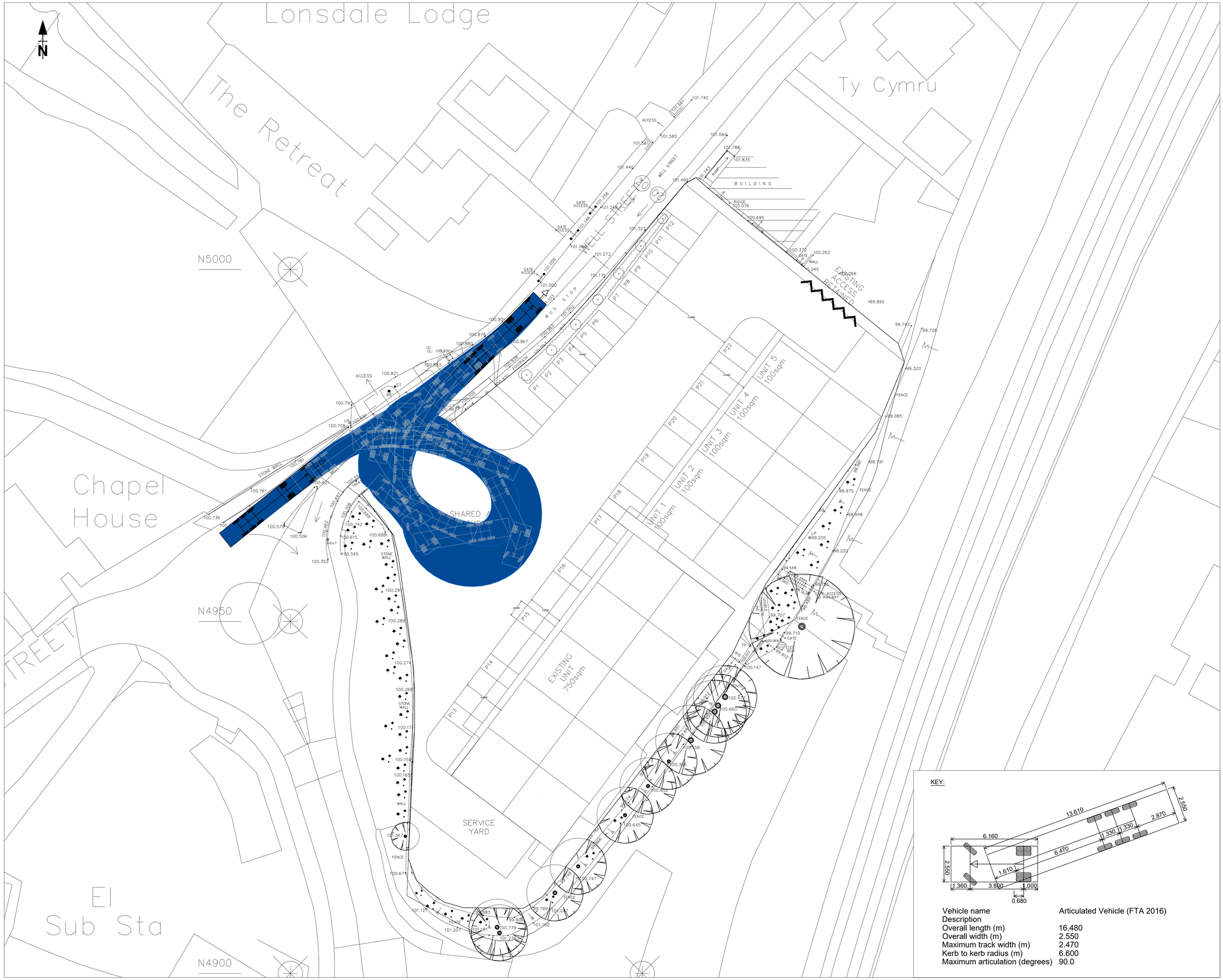
Project.
Land at former Co-op, Well Street, Cefn Mawr

Drawing.
Proposed Site Plan

Project / Drawing No.		Revision.
A079 - PL - 003		
Date: 01.11.2024	Scale: 1 : 250 @ A1	Status: Planning

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APPENDIX B ACCESS ARRANGEMENTS



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NOTES:

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REV	DATE	NAME	CHECK	NOTE

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CLIENT

AUBOURN ARCHITECTURE

PROJECT

WELL STREET, CEFN MAWR

DRAWING TITLE

ACCESS ARRANGEMENTS

DRAWN	CHECKED	APPROVED
LDB	CGR	CGR

DATE	SCALE @ A1
28 October 2024	1:250

DRAWING No.	REVISION No.
AA-1795-01-HW-001	

APPENDIX C TRIP RATE DATA

TRIP RATE CALCULATI SELECTION PARAMETERS:
Land Use : 1 - RETAIL
Category : C - DISCOUNT FOOD STORES
VEHICLES
Selected regions and areas:
4 EAST ANGLIA
CA CAMBRIDG 1 days
7 YORKSHIRE & NORTH LINCOLNSHIRE
WY WEST YORKSHIRE 1 days
9 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 Gross floor area
Actual Range: 700 to 1466 (units: sqm)
Range Selected by User: 700 to 1500 (units: sqm)
Parking Spaces Range: All Surveys Included
Public Transport Provision:
Selection by: Include all surveys
Date Range: ######## to ########
This data displays the trip rate parameter range of survey dates selected. Only surveys that were conducted within this date range are
included in survey days:
Selected
Monday 1 days
Thursday 1 days
Friday 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 undertakin using machines.
Selected Locations:
Edge of Town 2
Neighbourl Centre (PPS6 Local Centre) 1
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, Neighbourl Centre, Edge of Town Centre, and
Not Known.
Selected Location Sub Categories:
Retail Zone 3
This data displays the number of surveys per location sub-catego within the selected set. The location sub-categories
consist of Commercia Zone, Industrial Zone, Developme Zone, Residential Zone, Retail Zone, Built-Up Zone, Village,
Out of Town, High Street and No Sub Category.
Secondary Filtering selection:
Use Class:
A 1 3 days
This data displays the number of surveys per Use Class order 2005
has been used for this purpose, which can be found within the Library module of TRICS®.
TRICS 7.6.4 141219 B19.28 Database right of TRICS Consortiun Limited, 2019 All rights reserved Friday ########
Page 2

Secondary Filtering selection (Cont.):
Population within 1 mile:
1,001 to 5,000 1 days
5,001 to 10,000 1 days
25,001 to 50,000 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 1 days
500,001 or More 1 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 2 days
1.1 to 1.5 1 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.
Petrol filling station:
Included in the survey count 0 days
Excluded from count or no filling station 3 days
This data displays the number of surveys within the selected set that include petrol filling station activity, and the
number of surveys that do not.
Travel Plan:
No 3 days
This data displays the number of surveys within the selected set that were undertaker at sites with Travel Plans in place,
and the number of surveys were undertaker at sites without Travel Plans.
No PTAL Rating:
PTAL Present 3 days
This data displays the number of selected surveys with PTAL Ratings.
TRICS 7.6.4 141219 B19.28 Database right of TRICS Consortiun Limited, 2019 All rights reserved Friday ########
Page 3

LIST OF SITES relevant to selection parameters
1 CA-01-C-01 LIDL CAMBRIDGESHIRE
CROMWEL ROAD
WISBECH
Edge of Town
Retail Zone
Total Gross floor area: 1 4 6 6 sqm
Survey date: FRIDAY ######## Survey Type: MANUAL
2 DH-01-C-0: ALDI DURHAM
WATLING ROAD
BISHOP AUCKLAND
Edge of Town
Retail Zone
Total Gross floor area: 1 0 2 3 sqm
Survey date: THURSDAY ######## Survey Type: MANUAL
3 WY-01-C-0 FARMFOOI WEST YORKSHIRE
WATERLOC TERRACE
LEEDS
BRAMLEY
Neighbourl Centre (PPS6 Local Centre)
Retail Zone
Total Gross floor area: 7 0 0 sqm

Survey date: MONDAY ######## Survey Type: MANUAL
This section provides a list and each site survey, and all address, survey the whether sites selected the Consortiun and trip survey Limited, days rate was 2019 in calculation a All the parameter manual rights selected and classified reserved set. its count Friday For value, or ######## each the an individual day ATC survey of count. site, the it displays a unique week and reference date code of B19.28 Database right of TRICS 141219 7.6.4

TRIP RATE for Land Use 1 - RETAIL/C - DISCOUNT FOOD STORES
VEHICLES
Calculation factor: 100 sqm
BOLD print indicates peak (busiest) period

ARRIVALS			DEPARTURES			TOTALS		
No.	Ave.	Trip	No.	Ave.	Trip	No.	Ave.	Trip
Time	Range	Days	GFA	Rate	Days	GFA	Rate	Days
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	1063	0.69	3	1063	0.314
08:00	-	09:00	3	1063	2.446	3	1063	1.474
09:00	-	10:00	3	1063	3.01	3	1063	2.822
10:00	-	11:00	3	1063	3.763	3	1063	3.449
11:00	-	12:00	3	1063	3.449	3	1063	3.575
12:00	-	13:00	3	1063	3.543	3	1063	2.916
13:00	-	14:00	3	1063	3.418	3	1063	3.7
14:00	-	15:00	3	1063	4.39	3	1063	4.327
15:00	-	16:00	3	1063	3.355	3	1063	3.888
16:00	-	17:00	3	1063	3.543	3	1063	3.606
17:00	-	18:00	3	1063	3.198	3	1063	3.387
18:00	-	19:00	3	1063	2.603	3	1063	2.916
19:00	-	20:00	3	1063	1.944	3	1063	2.226
20:00	-	21:00	3	1063	0.878	3	1063	1.223
21:00	-	22:00	3	1063	0.408	3	1063	0.753
22:00	-	23:00	2	1245	0.161	2	1245	0.522
23:00	-	24:00:00						
Total Rates:			4		0.799	4		1.098

8		1.897																				
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,	representi	arrivals	trips,	departures	trips,	and	total	trips	(arrivals				
plus	departures	Within	each	of	these	main	columns	are	three	sub-colum	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	also	displayed	at	the
time	period),	and	the	trip	rate	result	(per	time	period).	Total	trip	rates	(the	sum	of	the	column)	are				
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	abbreviate	here	as	FACT).	So,	the	method	is:	COUNT/TR	Trip					
rates	are	then	rounded	to	3	decimal	places.															
The	survey	data,	graphs	and	all	associated	supporting	informatio	contained	within	the	TRICS	Database	are	published							
by	TRICS	Consortiun	Limited	("the	Company"	and	the	Company	claims	copyright	and	database	rights	in	this	published						
work.	The	Company	authorises	those	who	possess	a	current	TRICS	licence	to	access	the	TRICS	Database	and	copy	the				
data	contained	within	the	TRICS	Database	for	the	licence	holders'	use	only.	Any	resulting	copy	must	retain	all	copyrights				
and	other	proprietary	notices,	and	any	disclaimer	contained	thereon.														
The	Company	accepts	no	responsibil	for	loss	which	may	arise	from	reliance	on	data	contained	in	the	TRICS	Database.				
[No Parameter	summary	of	any	kind,	express	or	implied,	is	made	as	to	the	data	contained	in	the	TRICS	Database.]				
Trip	rate	parameter	range	selected:	700	-	1466	(units:	sqm)													
Survey	date	date	range:	########	-	########																
Number	of	weekdays	(Monday-F	3																		
Number	of	Saturdays:	0																			
Number	of	Sundays:	0																			
Surveys	automatica	removed	from	selection:	0																	
Surveys	manually	removed	from	selection:	0																	
This	section	displays	a	quick	summary	of	some	of	the	data	filtering	selections	made	by	the	TRICS®	user.	The	trip	rate		
calculation	parameter	range	of	all	selected	surveys	is	displayed	first,	followed	by	the	range	of	minimum	and	maximum					
survey	dates	selected	by	the	user.	Then,	the	total	number	of	selected	weekdays	and	weekend	days	in	the	selected	set	of		
surveys	are	show.	Finally,	the	number	of	survey	days	that	have	been	manually	removed	from	the	selected	set	outside	of			
the	standard	filtering	procedure	are	displayed.																	

TRICS 7.4.1
Trip Rate Parameter: Gross floor area

Filtering Summary
Land Use 02/A EMPLOYMENT/OFFICE

Selected Trip Rate Calc 186-70291 sqm GFA

Actual Trip Rate Calcula 186-70291 sqm GFA

Date Range Minimum: 01/01/09 Maximum: 16/03/16

Days of the week select	Monday	7
	Tuesday	13
	Wednesday	9
	Thursday	8
	Friday	4
Main Location Types se	Town Centre	8
	Edge of Town Centr	14
	Suburban Area (PP	9
	Edge of Town	10
Population <1 Mile rang	Not Known	1

1	001 to 5	0	1
5	001 to 10	0	9
10	001 to 15	0	5
15	001 to 20	0	7
25	001 to 50	0	16
50	001 to 100	0	2

Population <5 Mile rang Not Known 1

5	001 to 25	0	1
25	001 to 50	0	3
75	001 to 100	0	9
100	001 to 125	0	1
125	001 to 250	0	15
250	001 to 500	0	9
500	001 or More	2	

Car Ownership <5 Mile	0.5 or Less	1
	0.6 to 1.0	14
	1.1 to 1.5	23
	1.6 to 2.0	3
PTAL Rating	No PTAL Present	41

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use 02 - EMPLOYMENT
Category A - OFFICE
MULTI-MODAL TOTAL PEOPLE

Selected regions and areas:

2	SOUTH EAST		
	BD	BEDFORDSHIRE	1 days
	ES	EAST SUSSEX	2 days
	EX	ESSEX	1 days
	HC	HAMPSHIRE	1 days
	HF	HERTFORDSHIRE	2 days
	KC	KENT	6 days
	SC	SURREY	4 days
	SO	SLOUGH	1 days
3	SOUTH WEST		
	BR	BRISTOL CITY	1 days
	DC	DORSET	1 days
4	EAST ANGLIA		
	CA	CAMBRIDGESHIRE	1 days
	NF	NORFOLK	1 days
	SF	SUFFOLK	2 days
6	WEST MIDLANDS		
	WK	WARWICKSHIRE	1 days
7	YORKSHIRE & NORTH LINCOLNSHIRE		
	WY	WEST YORKSHIRE	1 days
8	NORTH WEST		
	GM	GREATER MANCHES	1 days
	LC	LANCASHIRE	1 days
9	NORTH		
	DH	DURHAM	2 days
	TV	TEES VALLEY	1 days
	TW	TYNE & WEAR	3 days
10	WALES		
	MT	MERTHYR TYDFIL	1 days
	PS	POWYS	1 days
	SW	SWANSEA	2 days
11	SCOTLAND		
	EB	CITY OF EDINBURGH	1 days
	HI	HIGHLAND	2 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: Gross floor area
Actual Range: 186 to 70291 (units: sqm)
Range Selected by User 186 to 70291 (units: sqm)

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/09 to 16/03/16

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.
Selected survey days:
Monday 7 days
Tuesday 13 days
Wednesday 9 days
Thursday 8 days
Friday 4 days
This data displays the number of selected surveys by day of the week.

Selected survey types:
Manual count 41 days
Directional ATC Count 0 days
This data displays the n the total adding up whilst ATC surveys are undertaking using machines.

Selected Locations:

Town Centre	8
Edge of Town Centre	14
Suburban Area (PPS6 O	9
Edge of Town	10
Neighbourhood Centre (	0
Free Standing (PPS6 Ou	0
Not Known	0

This data displays the n Edge of Town Suburban Area Neighbourh Edge of T Town Centre and Not Known.

Selected Location Sub Categories:

Industrial Zone	4
Commercial Zone	7
Development Zone	4
Residential Zone	8
Retail Zone	0
Built-Up Zone	15
Village	0
Out of Town	0
High Street	1
No Sub Category	2

This data displays the n Industrial Zone Development Zone Residential Retail Zor Built-Up Z Village Out of To High Street and No Sub Category.

Secondary Filtering selection:

Use Class:

B1	41 days

This data displays the n which can be found within the Library module of TRICS®.

Population within 1 mile:

Not Known	1 days
1,001 to 5,000	1 days
5,001 to 10,000	9 days
10,001 to 15,000	5 days
15,001 to 20,000	7 days
25,001 to 50,000	16 days
50,001 to 100,000	2 days

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

Population within 5 miles:

Not Known	1 days
5,001 to 25,000	1 days
25,001 to 50,000	3 days
75,001 to 100,000	9 days
100,001 to 125,000	1 days
125,001 to 250,000	15 days
250,001 to 500,000	9 days
500,001 or More	2 days

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

Car ownership within 5 miles:

0.5 or Less	1 days
0.6 to 1.0	14 days
1.1 to 1.5	23 days
1.6 to 2.0	3 days

This data displays the n within a radius of 5-miles of selected survey sites.

Travel Plan:

Yes	21 days
No	20 days

This data displays the n and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	41 days

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

LIST OF SITES relevant to selection parameters

Site(1):	BD-02-A-03	Gross floor area:	1469 sqm
Development Name:	OFFICES		
Location:	BEDFORD		
Postcode:	MK40 2BJ	Number of Employees	240
Main Location Type:	Edge of Town Centr	Survey Date:	14/10/2013
Sub-Location Type:	No Sub Category	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	55
Site(2):	BR-02-A-02	Gross floor area:	5736 sqm
Development Name:	PLANNING & ENGINEERING		
Location:	BRISTOL		
Postcode:	BS1 6JZ	Number of Employees	224
Main Location Type:	Town Centre	Survey Date:	29/11/2013
Sub-Location Type:	Built-Up Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	28
Site(3):	CA-02-A-05	Gross floor area:	8793 sqm
Development Name:	OFFICES		
Location:	PETERBOROUGH		
Postcode:	PE1 1TT	Number of Employees	87
Main Location Type:	Town Centre	Survey Date:	16/12/2014
Sub-Location Type:	Built-Up Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	72
Site(4):	DC-02-A-09	Gross floor area:	11664 sqm
Development Name:	COUNCIL OFFICES		
Location:	DORCHESTER		
Postcode:	DT1 1XJ	Number of Employees	2088
Main Location Type:	Edge of Town Centr	Survey Date:	28/11/2011
Sub-Location Type:	Built-Up Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	706
Site(5):	DH-02-A-01	Gross floor area:	3372 sqm
Development Name:	RPMI OFFICES		
Location:	DARLINGTON		
Postcode:	DL3 6EH	Number of Employees	250
Main Location Type:	Suburban Area (PP	Survey Date:	05/11/2010
Sub-Location Type:	Residential Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	99
Site(6):	DH-02-A-02	Gross floor area:	2000 sqm
Development Name:	CONSTRUCTION COMPANY		
Location:	NEAR DURHAM		
Postcode:	DH6 5PF	Number of Employees	115
Main Location Type:	Edge of Town	Survey Date:	27/11/2012
Sub-Location Type:	Industrial Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	125
Site(7):	EB-02-A-06	Gross floor area:	4500 sqm
Development Name:	REGUS OFFICES		
Location:	EDINBURGH		
Postcode:	EH2 2AF	Number of Employees	0
Main Location Type:	Town Centre	Survey Date:	16/03/2016
Sub-Location Type:	Built-Up Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	10
Site(8):	ES-02-A-11	Gross floor area:	186 sqm
Development Name:	HOUSING COMPANY		
Location:	HASTINGS		
Postcode:	TN34 3FD	Number of Employees	16
Main Location Type:	Suburban Area (PP	Survey Date:	17/11/2015
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	6
Site(9):	ES-02-A-12	Gross floor area:	3640 sqm
Development Name:	COUNCIL OFFICES		
Location:	HAILSHAM		
Postcode:	BN27 2AX	Number of Employees	341
Main Location Type:	Edge of Town Centr	Survey Date:	26/11/2015

Sub-Location Type:	Built-Up Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	78
Site(10):	EX-02-A-03	Gross floor area:	45000 sqm
Development Name:	HMRC		
Location:	SOUTHEND-ON-SEA		
Postcode:	SS9 1AA	Number of Employees	1540
Main Location Type:	Town Centre	Survey Date:	23/10/2013
Sub-Location Type:	Built-Up Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	281
Site(11):	GM-02-A-07	Gross floor area:	4200 sqm
Development Name:	LAW OFFICES		
Location:	MANCHESTER		
Postcode:	M2 3HZ	Number of Employees	252
Main Location Type:	Town Centre	Survey Date:	19/10/2011
Sub-Location Type:	Built-Up Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	39
Site(12):	HC-02-A-11	Gross floor area:	26100 sqm
Development Name:	DIY CO. HQ		
Location:	CHANDLER'S FORD		
Postcode:	SO53 3LE	Number of Employees	1700
Main Location Type:	Edge of Town	Survey Date:	17/10/2011
Sub-Location Type:	Commercial Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	1319
Site(13):	HF-02-A-03	Gross floor area:	610 sqm
Development Name:	OFFICE		
Location:	ST ALBANS		
Postcode:	AL1 3XH	Number of Employees	8
Main Location Type:	Edge of Town Centr	Survey Date:	16/10/2013
Sub-Location Type:	Built-Up Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	12
Site(14):	HF-02-A-04	Gross floor area:	5000 sqm
Development Name:	OFFICES		
Location:	ST ALBANS		
Postcode:	AL1 5HE	Number of Employees	365
Main Location Type:	Edge of Town Centr	Survey Date:	02/10/2014
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	205
Site(15):	HI-02-A-01	Gross floor area:	804 sqm
Development Name:	OFFICE		
Location:	INVERNESS		
Postcode:	IV2 7GB	Number of Employees	49
Main Location Type:	Edge of Town	Survey Date:	20/05/2009
Sub-Location Type:	Development Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	34
Site(16):	HI-02-A-03	Gross floor area:	5400 sqm
Development Name:	OFFICE		
Location:	INVERNESS		
Postcode:	IV2 7GF	Number of Employees	200
Main Location Type:	Edge of Town	Survey Date:	20/05/2009
Sub-Location Type:	Development Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	121
Site(17):	KC-02-A-06	Gross floor area:	5677 sqm
Development Name:	LAND REGISTRY		
Location:	TUNBRIDGE WELLS		
Postcode:	TN2 5AQ	Number of Employees	200
Main Location Type:	Edge of Town	Survey Date:	01/12/2009
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	276
Site(18):	KC-02-A-07	Gross floor area:	2525 sqm
Development Name:	KCC HIGHWAYS REG.		
Location:	ASHFORD		
Postcode:	TN24 8AD	Number of Employees	233
Main Location Type:	Edge of Town	Survey Date:	05/12/2011
Sub-Location Type:	Commercial Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	147
Site(19):	KC-02-A-08	Gross floor area:	3168 sqm
Development Name:	KCC HIGHWAYS REG. OFFICE		
Location:	AYLESFORD		
Postcode:	ME20 7BU	Number of Employees	190
Main Location Type:	Edge of Town	Survey Date:	28/11/2011
Sub-Location Type:	Industrial Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	155
Site(20):	KC-02-A-09	Gross floor area:	1500 sqm
Development Name:	COUNCIL OFFICES		
Location:	MAIDSTONE		
Postcode:	ME14 1XQ	Number of Employees	200
Main Location Type:	Edge of Town Centr	Survey Date:	19/10/2011
Sub-Location Type:	Built-Up Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	25
Site(21):	KC-02-A-10	Gross floor area:	2900 sqm
Development Name:	COUNCIL OFFICES		
Location:	MAIDSTONE		
Postcode:	ME14 1QX	Number of Employees	430
Main Location Type:	Edge of Town Centr	Survey Date:	19/10/2011
Sub-Location Type:	Built-Up Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	0
Site(22):	KC-02-A-11	Gross floor area:	32793 sqm
Development Name:	COUNTY HALL		
Location:	MAIDSTONE		
Postcode:	ME14 1XQ	Number of Employees	2139
Main Location Type:	Edge of Town Centr	Survey Date:	17/10/2011
Sub-Location Type:	Built-Up Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	369
Site(23):	LC-02-A-09	Gross floor area:	2600 sqm
Development Name:	OFFICES		
Location:	BLACKBURN		
Postcode:	BB1 3HQ	Number of Employees	150
Main Location Type:	Suburban Area (PP:	Survey Date:	04/06/2013
Sub-Location Type:	Built-Up Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	89

Site(24):	MT-02-A-02	Gross floor area:	5250 sqm
Development Name:	COUNCIL OFFICES		
Location:	MERTHYR TYDFIL		
Postcode:	CF47 8AN	Number of Employees	0
Main Location Type:	Edge of Town Centr	Survey Date:	17/10/2013
Sub-Location Type:	Built-Up Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	56
Site(25):	NF-02-A-01	Gross floor area:	5500 sqm
Development Name:	COUNCIL OFFICE		
Location:	KING'S LYNN		
Postcode:	PE30 1EX	Number of Employees	408
Main Location Type:	Edge of Town Centr	Survey Date:	30/09/2010
Sub-Location Type:	Built-Up Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	5
Site(26):	PS-02-A-01	Gross floor area:	3920 sqm
Development Name:	COUNCIL OFFICES		
Location:	WELSHPOOL		
Postcode:	SY21 7AS	Number of Employees	140
Main Location Type:	Edge of Town Centr	Survey Date:	12/05/2015
Sub-Location Type:	No Sub Category	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	121
Site(27):	SC-02-A-14	Gross floor area:	19974 sqm
Development Name:	UNILEVER		
Location:	LEATHERHEAD		
Postcode:	KT22 7GR	Number of Employees	1450
Main Location Type:	Edge of Town	Survey Date:	10/03/2009
Sub-Location Type:	Commercial Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	596
Site(28):	SC-02-A-15	Gross floor area:	1896 sqm
Development Name:	ACCOUNTANTS		
Location:	GUILDFORD		
Postcode:	GU1 1UW	Number of Employees	140
Main Location Type:	Suburban Area (PP:	Survey Date:	05/10/2010
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	63
Site(29):	SC-02-A-16	Gross floor area:	39230 sqm
Development Name:	BANK OF AMERICA		
Location:	CAMBERLEY		
Postcode:	GU15 3BW	Number of Employees	250
Main Location Type:	Edge of Town	Survey Date:	10/05/2011
Sub-Location Type:	Commercial Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	250
Site(30):	SC-02-A-17	Gross floor area:	10293 sqm
Development Name:	PHARMACEUTICALS		
Location:	WEYBRIDGE		
Postcode:	KT13 0DE	Number of Employees	345
Main Location Type:	Suburban Area (PP:	Survey Date:	18/10/2011
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	252
Site(31):	SF-02-A-01	Gross floor area:	8000 sqm
Development Name:	COUNCIL OFFICES		
Location:	BURY ST. EDMUNDS		
Postcode:	IP33 3YU	Number of Employees	700
Main Location Type:	Suburban Area (PP:	Survey Date:	27/09/2010
Sub-Location Type:	Industrial Zone	Survey Day:	Monday
PTAL:	n/a	Parking Spaces:	342
Site(32):	SF-02-A-02	Gross floor area:	6505 sqm
Development Name:	OFFICES		
Location:	IPSWICH		
Postcode:	IP2 8SD	Number of Employees	218
Main Location Type:	Edge of Town Centr	Survey Date:	19/07/2013
Sub-Location Type:	Commercial Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	160
Site(33):	SO-02-A-01	Gross floor area:	1800 sqm
Development Name:	COUNCIL OFFICES		
Location:	SLOUGH		
Postcode:	SL1 1JL	Number of Employees	197
Main Location Type:	Town Centre	Survey Date:	27/02/2014
Sub-Location Type:	High Street	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	31
Site(34):	SW-02-A-01	Gross floor area:	6630 sqm
Development Name:	OFFICES		
Location:	SWANSEA		
Postcode:	SA1 8AG	Number of Employees	1221
Main Location Type:	Edge of Town Centr	Survey Date:	25/10/2013
Sub-Location Type:	Development Zone	Survey Day:	Friday
PTAL:	n/a	Parking Spaces:	184
Site(35):	SW-02-A-02	Gross floor area:	2225 sqm
Development Name:	OFFICE		
Location:	SWANSEA		
Postcode:	SA1 8PG	Number of Employees	155
Main Location Type:	Edge of Town Centr	Survey Date:	24/10/2013
Sub-Location Type:	Development Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	131
Site(36):	TV-02-A-04	Gross floor area:	3950 sqm
Development Name:	COUNCIL OFFICES		
Location:	MIDDLESBROUGH		
Postcode:	TS1 2RH	Number of Employees	141
Main Location Type:	Town Centre	Survey Date:	08/10/2013
Sub-Location Type:	Commercial Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	0
Site(37):	TW-02-A-04	Gross floor area:	2500 sqm
Development Name:	HOUSING CO.		
Location:	GATESHEAD		
Postcode:	NE11 0XA	Number of Employees	180
Main Location Type:	Edge of Town	Survey Date:	29/09/2009
Sub-Location Type:	Industrial Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	116
Site(38):	TW-02-A-05	Gross floor area:	1500 sqm
Development Name:	TELEVISION CO.		
Location:	GATESHEAD		
Postcode:	NE11 9SZ	Number of Employees	170
Main Location Type:	Suburban Area (PP:	Survey Date:	29/09/2009
Sub-Location Type:	Commercial Zone	Survey Day:	Tuesday
PTAL:	n/a	Parking Spaces:	120
Site(39):	TW-02-A-06	Gross floor area:	70291 sqm
Development Name:	GOVERNMENT OFFICES		
Location:	NEWCASTLE UPON TYNE		
Postcode:	NE98 1ZZ	Number of Employees	9500
Main Location Type:	Suburban Area (PP:	Survey Date:	25/11/2009
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a	Parking Spaces:	2923

Site(40):	WK-02-A-01	Gross floor area:	960 sqm
Development Name:	OFFICES		
Location:	COVENTRY		
Postcode:	CV1 2DY	Number of Employees	100
Main Location Type:	Town Centre	Survey Date:	17/10/2013
Sub-Location Type:	Built-Up Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	72
Site(41):	WY-02-A-03	Gross floor area:	2696 sqm
Development Name:	OFFICE		
Location:	LEEDS		
Postcode:	LS6 1LG	Number of Employees	243
Main Location Type:	Suburban Area (PP	Survey Date:	17/06/2010
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a	Parking Spaces:	

This section provides a | it displays a unique | the selected trip rate c | the day of tl | and whether the survey was a manual classified count or an ATC count.

Trip Rates for Key Periods		Trips per 100m2 GFA	
Period	Inbound	Outbound	Total
0800-0900	99.999	99.999	99.999
1700-1800	99.999	99.999	99.999

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: VEHICLES

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0.005	1	19974	0.005
05:30-06:00	1	19974	0.02	1	19974	0.005	1	19974	0.025
06:00-06:30	1	19974	0.07	1	19974	0.005	1	19974	0.075
06:30-07:00	2	45133	0.676	2	45133	0.188	2	45133	0.864
07:00-07:30	41	8717	0.281	41	8717	0.054	41	8717	0.335
07:30-08:00	41	8717	0.503	41	8717	0.106	41	8717	0.609
08:00-08:30	41	8717	0.657	41	8717	0.12	41	8717	0.777
08:30-09:00	41	8717	0.753	41	8717	0.122	41	8717	0.875
09:00-09:30	41	8717	0.544	41	8717	0.128	41	8717	0.672
09:30-10:00	41	8717	0.322	41	8717	0.112	41	8717	0.434
10:00-10:30	41	8717	0.208	41	8717	0.104	41	8717	0.312
10:30-11:00	41	8717	0.168	41	8717	0.09	41	8717	0.258
11:00-11:30	41	8717	0.156	41	8717	0.114	41	8717	0.27
11:30-12:00	41	8717	0.143	41	8717	0.112	41	8717	0.255
12:00-12:30	41	8717	0.132	41	8717	0.141	41	8717	0.273
12:30-13:00	41	8717	0.139	41	8717	0.147	41	8717	0.286
13:00-13:30	41	8717	0.156	41	8717	0.141	41	8717	0.297
13:30-14:00	41	8717	0.162	41	8717	0.122	41	8717	0.284
14:00-14:30	41	8717	0.135	41	8717	0.123	41	8717	0.258
14:30-15:00	41	8717	0.133	41	8717	0.198	41	8717	0.331
15:00-15:30	41	8717	0.12	41	8717	0.252	41	8717	0.372
15:30-16:00	41	8717	0.123	41	8717	0.319	41	8717	0.442
16:00-16:30	41	8717	0.118	41	8717	0.477	41	8717	0.595
16:30-17:00	41	8717	0.111	41	8717	0.558	41	8717	0.669
17:00-17:30	41	8717	0.099	41	8717	0.773	41	8717	0.872
17:30-18:00	41	8717	0.067	41	8717	0.452	41	8717	0.519
18:00-18:30	41	8717	0.053	41	8717	0.309	41	8717	0.362
18:30-19:00	41	8717	0.038	41	8717	0.164	41	8717	0.202
19:00-19:30	1	70291	0.095	1	70291	0.128	1	70291	0.223
19:30-20:00	1	70291	0.08	1	70291	0.09	1	70291	0.17
20:00-20:30	1	70291	0.088	1	70291	0.115	1	70291	0.203
20:30-21:00	1	70291	0.097	1	70291	0.083	1	70291	0.18
21:00-21:30	1	70291	0.085	1	70291	0.184	1	70291	0.269
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			6.532			6.041			12.573

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: TAXIS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0	1	19974	0
05:30-06:00	1	19974	0	1	19974	0	1	19974	0
06:00-06:30	1	19974	0.005	1	19974	0.005	1	19974	0.01
06:30-07:00	2	45133	0.008	2	45133	0.007	2	45133	0.015
07:00-07:30	41	8717	0.003	41	8717	0.003	41	8717	0.006
07:30-08:00	41	8717	0.006	41	8717	0.005	41	8717	0.011
08:00-08:30	41	8717	0.006	41	8717	0.006	41	8717	0.012
08:30-09:00	41	8717	0.006	41	8717	0.006	41	8717	0.012
09:00-09:30	41	8717	0.009	41	8717	0.009	41	8717	0.018
09:30-10:00	41	8717	0.009	41	8717	0.008	41	8717	0.017
10:00-10:30	41	8717	0.006	41	8717	0.008	41	8717	0.014
10:30-11:00	41	8717	0.004	41	8717	0.003	41	8717	0.007
11:00-11:30	41	8717	0.004	41	8717	0.004	41	8717	0.008
11:30-12:00	41	8717	0.004	41	8717	0.004	41	8717	0.008
12:00-12:30	41	8717	0.004	41	8717	0.003	41	8717	0.007
12:30-13:00	41	8717	0.002	41	8717	0.003	41	8717	0.005
13:00-13:30	41	8717	0.004	41	8717	0.004	41	8717	0.008
13:30-14:00	41	8717	0.004	41	8717	0.004	41	8717	0.008
14:00-14:30	41	8717	0.002	41	8717	0.002	41	8717	0.004
14:30-15:00	41	8717	0.004	41	8717	0.004	41	8717	0.008
15:00-15:30	41	8717	0.004	41	8717	0.003	41	8717	0.007
15:30-16:00	41	8717	0.002	41	8717	0.002	41	8717	0.004
16:00-16:30	41	8717	0.003	41	8717	0.004	41	8717	0.007
16:30-17:00	41	8717	0.002	41	8717	0.002	41	8717	0.004
17:00-17:30	41	8717	0.005	41	8717	0.004	41	8717	0.009
17:30-18:00	41	8717	0.003	41	8717	0.003	41	8717	0.006
18:00-18:30	41	8717	0.003	41	8717	0.003	41	8717	0.006
18:30-19:00	41	8717	0.002	41	8717	0.002	41	8717	0.004
19:00-19:30	1	70291	0	1	70291	0	1	70291	0
19:30-20:00	1	70291	0	1	70291	0	1	70291	0
20:00-20:30	1	70291	0.003	1	70291	0.003	1	70291	0.006
20:30-21:00	1	70291	0.001	1	70291	0.001	1	70291	0.002
21:00-21:30	1	70291	0.001	1	70291	0.001	1	70291	0.002
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			0.119			0.116			0.235

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: OGVS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0	1	19974	0
05:30-06:00	1	19974	0	1	19974	0	1	19974	0
06:00-06:30	1	19974	0	1	19974	0	1	19974	0
06:30-07:00	2	45133	0.006	2	45133	0.003	2	45133	0.009
07:00-07:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
07:30-08:00	41	8717	0.002	41	8717	0.002	41	8717	0.004
08:00-08:30	41	8717	0.002	41	8717	0.002	41	8717	0.004
08:30-09:00	41	8717	0.002	41	8717	0.002	41	8717	0.004
09:00-09:30	41	8717	0.002	41	8717	0.002	41	8717	0.004
09:30-10:00	41	8717	0.003	41	8717	0.003	41	8717	0.006
10:00-10:30	41	8717	0.004	41	8717	0.003	41	8717	0.007
10:30-11:00	41	8717	0.002	41	8717	0.003	41	8717	0.005
11:00-11:30	41	8717	0.003	41	8717	0.003	41	8717	0.006
11:30-12:00	41	8717	0.002	41	8717	0.003	41	8717	0.005
12:00-12:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
12:30-13:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
13:00-13:30	41	8717	0.001	41	8717	0.002	41	8717	0.003
13:30-14:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
14:00-14:30	41	8717	0.002	41	8717	0.001	41	8717	0.003
14:30-15:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
15:00-15:30	41	8717	0.001	41	8717	0.002	41	8717	0.003
15:30-16:00	41	8717	0.002	41	8717	0.001	41	8717	0.003
16:00-16:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
16:30-17:00	41	8717	0.002	41	8717	0.001	41	8717	0.003
17:00-17:30	41	8717	0.001	41	8717	0.002	41	8717	0.003
17:30-18:00	41	8717	0	41	8717	0	41	8717	0
18:00-18:30	41	8717	0	41	8717	0	41	8717	0
18:30-19:00	41	8717	0	41	8717	0	41	8717	0
19:00-19:30	1	70291	0.001	1	70291	0	1	70291	0.001
19:30-20:00	1	70291	0	1	70291	0.001	1	70291	0.001
20:00-20:30	1	70291	0	1	70291	0.001	1	70291	0.001
20:30-21:00	1	70291	0	1	70291	0	1	70291	0
21:00-21:30	1	70291	0	1	70291	0	1	70291	0
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			0.044			0.043			0.087

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: PSVS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0	1	19974	0
05:30-06:00	1	19974	0	1	19974	0	1	19974	0
06:00-06:30	1	19974	0.005	1	19974	0	1	19974	0.005
06:30-07:00	2	45133	0.001	2	45133	0.002	2	45133	0.003
07:00-07:30	41	8717	0.001	41	8717	0	41	8717	0.001
07:30-08:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
08:00-08:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
08:30-09:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
09:00-09:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
09:30-10:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
10:00-10:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
10:30-11:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
11:00-11:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
11:30-12:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
12:00-12:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
12:30-13:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
13:00-13:30	41	8717	0.002	41	8717	0.001	41	8717	0.003
13:30-14:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
14:00-14:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
14:30-15:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
15:00-15:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
15:30-16:00	41	8717	0.002	41	8717	0.002	41	8717	0.004
16:00-16:30	41	8717	0.002	41	8717	0.002	41	8717	0.004
16:30-17:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
17:00-17:30	41	8717	0.001	41	8717	0.001	41	8717	0.002
17:30-18:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
18:00-18:30	41	8717	0	41	8717	0.001	41	8717	0.001
18:30-19:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
19:00-19:30	1	70291	0	1	70291	0	1	70291	0
19:30-20:00	1	70291	0	1	70291	0	1	70291	0
20:00-20:30	1	70291	0	1	70291	0	1	70291	0
20:30-21:00	1	70291	0	1	70291	0	1	70291	0
21:00-21:30	1	70291	0	1	70291	0	1	70291	0
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			0.032			0.027			0.059

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: CYCLISTS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0	1	19974	0
05:30-06:00	1	19974	0	1	19974	0	1	19974	0
06:00-06:30	1	19974	0.005	1	19974	0	1	19974	0.005
06:30-07:00	2	45133	0.006	2	45133	0.006	2	45133	0.012
07:00-07:30	41	8717	0.003	41	8717	0	41	8717	0.003
07:30-08:00	41	8717	0.009	41	8717	0.002	41	8717	0.011
08:00-08:30	41	8717	0.022	41	8717	0	41	8717	0.022
08:30-09:00	41	8717	0.025	41	8717	0.002	41	8717	0.027
09:00-09:30	41	8717	0.014	41	8717	0	41	8717	0.014
09:30-10:00	41	8717	0.004	41	8717	0.001	41	8717	0.005
10:00-10:30	41	8717	0.004	41	8717	0.001	41	8717	0.005
10:30-11:00	41	8717	0.004	41	8717	0.002	41	8717	0.006
11:00-11:30	41	8717	0.002	41	8717	0.003	41	8717	0.005
11:30-12:00	41	8717	0.003	41	8717	0.001	41	8717	0.004
12:00-12:30	41	8717	0.002	41	8717	0.003	41	8717	0.005
12:30-13:00	41	8717	0.002	41	8717	0.004	41	8717	0.006
13:00-13:30	41	8717	0.004	41	8717	0.002	41	8717	0.006
13:30-14:00	41	8717	0.002	41	8717	0.002	41	8717	0.004
14:00-14:30	41	8717	0.001	41	8717	0.002	41	8717	0.003
14:30-15:00	41	8717	0.003	41	8717	0.003	41	8717	0.006
15:00-15:30	41	8717	0.003	41	8717	0.002	41	8717	0.005
15:30-16:00	41	8717	0.002	41	8717	0.006	41	8717	0.008
16:00-16:30	41	8717	0.003	41	8717	0.01	41	8717	0.013
16:30-17:00	41	8717	0.001	41	8717	0.01	41	8717	0.011
17:00-17:30	41	8717	0.001	41	8717	0.023	41	8717	0.024
17:30-18:00	41	8717	0.001	41	8717	0.02	41	8717	0.021
18:00-18:30	41	8717	0.001	41	8717	0.008	41	8717	0.009
18:30-19:00	41	8717	0.001	41	8717	0.004	41	8717	0.005
19:00-19:30	1	70291	0	1	70291	0.003	1	70291	0.003
19:30-20:00	1	70291	0.003	1	70291	0.001	1	70291	0.004
20:00-20:30	1	70291	0	1	70291	0.004	1	70291	0.004
20:30-21:00	1	70291	0	1	70291	0.004	1	70291	0.004
21:00-21:30	1	70291	0	1	70291	0.003	1	70291	0.003
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			0.131			0.132			0.263

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: VEHICLE OCCUPANTS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0.005	1	19974	0.005
05:30-06:00	1	19974	0.035	1	19974	0.01	1	19974	0.045
06:00-06:30	1	19974	0.07	1	19974	0.005	1	19974	0.075
06:30-07:00	2	45133	0.781	2	45133	0.214	2	45133	0.995
07:00-07:30	41	8717	0.309	41	8717	0.06	41	8717	0.369
07:30-08:00	41	8717	0.553	41	8717	0.091	41	8717	0.644
08:00-08:30	41	8717	0.729	41	8717	0.111	41	8717	0.84
08:30-09:00	41	8717	0.828	41	8717	0.112	41	8717	0.94
09:00-09:30	41	8717	0.59	41	8717	0.132	41	8717	0.722
09:30-10:00	41	8717	0.347	41	8717	0.121	41	8717	0.468
10:00-10:30	41	8717	0.236	41	8717	0.105	41	8717	0.341
10:30-11:00	41	8717	0.184	41	8717	0.093	41	8717	0.277
11:00-11:30	41	8717	0.174	41	8717	0.125	41	8717	0.299
11:30-12:00	41	8717	0.162	41	8717	0.133	41	8717	0.295
12:00-12:30	41	8717	0.147	41	8717	0.165	41	8717	0.312
12:30-13:00	41	8717	0.165	41	8717	0.165	41	8717	0.33
13:00-13:30	41	8717	0.185	41	8717	0.156	41	8717	0.341
13:30-14:00	41	8717	0.184	41	8717	0.139	41	8717	0.323
14:00-14:30	41	8717	0.161	41	8717	0.146	41	8717	0.307
14:30-15:00	41	8717	0.144	41	8717	0.229	41	8717	0.373
15:00-15:30	41	8717	0.144	41	8717	0.283	41	8717	0.427
15:30-16:00	41	8717	0.141	41	8717	0.359	41	8717	0.5
16:00-16:30	41	8717	0.13	41	8717	0.543	41	8717	0.673
16:30-17:00	41	8717	0.113	41	8717	0.624	41	8717	0.737
17:00-17:30	41	8717	0.101	41	8717	0.869	41	8717	0.97
17:30-18:00	41	8717	0.067	41	8717	0.492	41	8717	0.559
18:00-18:30	41	8717	0.053	41	8717	0.34	41	8717	0.393
18:30-19:00	41	8717	0.037	41	8717	0.179	41	8717	0.216
19:00-19:30	1	70291	0.101	1	70291	0.132	1	70291	0.233
19:30-20:00	1	70291	0.083	1	70291	0.094	1	70291	0.177
20:00-20:30	1	70291	0.088	1	70291	0.127	1	70291	0.215
20:30-21:00	1	70291	0.097	1	70291	0.092	1	70291	0.189
21:00-21:30	1	70291	0.085	1	70291	0.219	1	70291	0.304
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			7.224			6.67			13.894

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: PEDESTRIANS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0	1	19974	0
05:30-06:00	1	19974	0	1	19974	0	1	19974	0
06:00-06:30	1	19974	0	1	19974	0	1	19974	0
06:30-07:00	2	45133	0.072	2	45133	0.001	2	45133	0.073
07:00-07:30	41	8717	0.057	41	8717	0.003	41	8717	0.06
07:30-08:00	41	8717	0.092	41	8717	0.005	41	8717	0.097
08:00-08:30	41	8717	0.123	41	8717	0.01	41	8717	0.133
08:30-09:00	41	8717	0.167	41	8717	0.019	41	8717	0.186
09:00-09:30	41	8717	0.121	41	8717	0.028	41	8717	0.149
09:30-10:00	41	8717	0.087	41	8717	0.036	41	8717	0.123
10:00-10:30	41	8717	0.065	41	8717	0.054	41	8717	0.119
10:30-11:00	41	8717	0.07	41	8717	0.062	41	8717	0.132
11:00-11:30	41	8717	0.056	41	8717	0.061	41	8717	0.117
11:30-12:00	41	8717	0.063	41	8717	0.105	41	8717	0.168
12:00-12:30	41	8717	0.225	41	8717	0.406	41	8717	0.631
12:30-13:00	41	8717	0.344	41	8717	0.386	41	8717	0.73
13:00-13:30	41	8717	0.379	41	8717	0.328	41	8717	0.707
13:30-14:00	41	8717	0.346	41	8717	0.196	41	8717	0.542
14:00-14:30	41	8717	0.207	41	8717	0.147	41	8717	0.354
14:30-15:00	41	8717	0.091	41	8717	0.093	41	8717	0.184
15:00-15:30	41	8717	0.061	41	8717	0.09	41	8717	0.151
15:30-16:00	41	8717	0.054	41	8717	0.097	41	8717	0.151
16:00-16:30	41	8717	0.04	41	8717	0.124	41	8717	0.164
16:30-17:00	41	8717	0.032	41	8717	0.128	41	8717	0.16
17:00-17:30	41	8717	0.025	41	8717	0.17	41	8717	0.195
17:30-18:00	41	8717	0.01	41	8717	0.118	41	8717	0.128
18:00-18:30	41	8717	0.006	41	8717	0.063	41	8717	0.069
18:30-19:00	41	8717	0.003	41	8717	0.024	41	8717	0.027
19:00-19:30	1	70291	0.003	1	70291	0.013	1	70291	0.016
19:30-20:00	1	70291	0.001	1	70291	0.016	1	70291	0.017
20:00-20:30	1	70291	0	1	70291	0.02	1	70291	0.02
20:30-21:00	1	70291	0	1	70291	0.007	1	70291	0.007
21:00-21:30	1	70291	0	1	70291	0.058	1	70291	0.058
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			2.8			2.868			5.668

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: BUS/TRAM PASSENGERS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0	1	19974	0
05:30-06:00	1	19974	0	1	19974	0	1	19974	0
06:00-06:30	1	19974	0	1	19974	0	1	19974	0
06:30-07:00	2	45133	0.059	2	45133	0.001	2	45133	0.06
07:00-07:30	41	8717	0.044	41	8717	0.001	41	8717	0.045
07:30-08:00	41	8717	0.062	41	8717	0.002	41	8717	0.064
08:00-08:30	41	8717	0.076	41	8717	0.001	41	8717	0.077
08:30-09:00	41	8717	0.099	41	8717	0.003	41	8717	0.102
09:00-09:30	41	8717	0.063	41	8717	0.003	41	8717	0.066
09:30-10:00	41	8717	0.036	41	8717	0.007	41	8717	0.043
10:00-10:30	41	8717	0.022	41	8717	0.008	41	8717	0.03
10:30-11:00	41	8717	0.017	41	8717	0.01	41	8717	0.027
11:00-11:30	41	8717	0.022	41	8717	0.017	41	8717	0.039
11:30-12:00	41	8717	0.015	41	8717	0.016	41	8717	0.031
12:00-12:30	41	8717	0.018	41	8717	0.018	41	8717	0.036
12:30-13:00	41	8717	0.018	41	8717	0.021	41	8717	0.039
13:00-13:30	41	8717	0.018	41	8717	0.02	41	8717	0.038
13:30-14:00	41	8717	0.011	41	8717	0.018	41	8717	0.029
14:00-14:30	41	8717	0.012	41	8717	0.022	41	8717	0.034
14:30-15:00	41	8717	0.011	41	8717	0.033	41	8717	0.044
15:00-15:30	41	8717	0.008	41	8717	0.039	41	8717	0.047
15:30-16:00	41	8717	0.011	41	8717	0.038	41	8717	0.049
16:00-16:30	41	8717	0.012	41	8717	0.055	41	8717	0.067
16:30-17:00	41	8717	0.008	41	8717	0.061	41	8717	0.069
17:00-17:30	41	8717	0.005	41	8717	0.087	41	8717	0.092
17:30-18:00	41	8717	0.003	41	8717	0.062	41	8717	0.065
18:00-18:30	41	8717	0.001	41	8717	0.026	41	8717	0.027
18:30-19:00	41	8717	0.001	41	8717	0.012	41	8717	0.013
19:00-19:30	1	70291	0.001	1	70291	0.007	1	70291	0.008
19:30-20:00	1	70291	0	1	70291	0.009	1	70291	0.009
20:00-20:30	1	70291	0	1	70291	0.013	1	70291	0.013
20:30-21:00	1	70291	0	1	70291	0.004	1	70291	0.004
21:00-21:30	1	70291	0	1	70291	0.034	1	70291	0.034
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			0.653			0.648			1.301

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: TOTAL RAIL PASSENGERS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0	1	19974	0
05:30-06:00	1	19974	0	1	19974	0	1	19974	0
06:00-06:30	1	19974	0	1	19974	0	1	19974	0
06:30-07:00	2	45133	0.186	2	45133	0.002	2	45133	0.188
07:00-07:30	41	8717	0.09	41	8717	0.003	41	8717	0.093
07:30-08:00	41	8717	0.126	41	8717	0.004	41	8717	0.13
08:00-08:30	41	8717	0.115	41	8717	0.003	41	8717	0.118
08:30-09:00	41	8717	0.116	41	8717	0.002	41	8717	0.118
09:00-09:30	41	8717	0.098	41	8717	0.002	41	8717	0.1
09:30-10:00	41	8717	0.051	41	8717	0.003	41	8717	0.054
10:00-10:30	41	8717	0.026	41	8717	0.003	41	8717	0.029
10:30-11:00	41	8717	0.011	41	8717	0.005	41	8717	0.016
11:00-11:30	41	8717	0.012	41	8717	0.006	41	8717	0.018
11:30-12:00	41	8717	0.01	41	8717	0.01	41	8717	0.02
12:00-12:30	41	8717	0.014	41	8717	0.025	41	8717	0.039
12:30-13:00	41	8717	0.02	41	8717	0.022	41	8717	0.042
13:00-13:30	41	8717	0.018	41	8717	0.028	41	8717	0.046
13:30-14:00	41	8717	0.016	41	8717	0.017	41	8717	0.033
14:00-14:30	41	8717	0.01	41	8717	0.029	41	8717	0.039
14:30-15:00	41	8717	0.007	41	8717	0.034	41	8717	0.041
15:00-15:30	41	8717	0.006	41	8717	0.048	41	8717	0.054
15:30-16:00	41	8717	0.009	41	8717	0.062	41	8717	0.071
16:00-16:30	41	8717	0.018	41	8717	0.109	41	8717	0.127
16:30-17:00	41	8717	0.002	41	8717	0.104	41	8717	0.106
17:00-17:30	41	8717	0.002	41	8717	0.101	41	8717	0.103
17:30-18:00	41	8717	0.001	41	8717	0.079	41	8717	0.08
18:00-18:30	41	8717	0.001	41	8717	0.047	41	8717	0.048
18:30-19:00	41	8717	0.001	41	8717	0.022	41	8717	0.023
19:00-19:30	1	70291	0.004	1	70291	0.027	1	70291	0.031
19:30-20:00	1	70291	0.001	1	70291	0.03	1	70291	0.031
20:00-20:30	1	70291	0.001	1	70291	0.043	1	70291	0.044
20:30-21:00	1	70291	0	1	70291	0.014	1	70291	0.014
21:00-21:30	1	70291	0	1	70291	0.12	1	70291	0.12
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			0.972			1.004			1.976

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: COACH PASSENGERS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0	1	19974	0
05:30-06:00	1	19974	0	1	19974	0	1	19974	0
06:00-06:30	1	19974	0.005	1	19974	0	1	19974	0.005
06:30-07:00	2	45133	0	2	45133	0.001	2	45133	0.001
07:00-07:30	41	8717	0	41	8717	0	41	8717	0
07:30-08:00	41	8717	0	41	8717	0	41	8717	0
08:00-08:30	41	8717	0	41	8717	0	41	8717	0
08:30-09:00	41	8717	0	41	8717	0	41	8717	0
09:00-09:30	41	8717	0	41	8717	0	41	8717	0
09:30-10:00	41	8717	0	41	8717	0	41	8717	0
10:00-10:30	41	8717	0	41	8717	0	41	8717	0
10:30-11:00	41	8717	0	41	8717	0	41	8717	0
11:00-11:30	41	8717	0	41	8717	0	41	8717	0
11:30-12:00	41	8717	0.003	41	8717	0	41	8717	0.003
12:00-12:30	41	8717	0	41	8717	0.003	41	8717	0.003
12:30-13:00	41	8717	0.001	41	8717	0.001	41	8717	0.002
13:00-13:30	41	8717	0.003	41	8717	0	41	8717	0.003
13:30-14:00	41	8717	0.001	41	8717	0	41	8717	0.001
14:00-14:30	41	8717	0.001	41	8717	0	41	8717	0.001
14:30-15:00	41	8717	0.001	41	8717	0	41	8717	0.001
15:00-15:30	41	8717	0.005	41	8717	0	41	8717	0.005
15:30-16:00	41	8717	0	41	8717	0	41	8717	0
16:00-16:30	41	8717	0	41	8717	0.004	41	8717	0.004
16:30-17:00	41	8717	0	41	8717	0.004	41	8717	0.004
17:00-17:30	41	8717	0	41	8717	0.002	41	8717	0.002
17:30-18:00	41	8717	0	41	8717	0.001	41	8717	0.001
18:00-18:30	41	8717	0	41	8717	0	41	8717	0
18:30-19:00	41	8717	0	41	8717	0	41	8717	0
19:00-19:30	1	70291	0	1	70291	0	1	70291	0
19:30-20:00	1	70291	0	1	70291	0	1	70291	0
20:00-20:30	1	70291	0	1	70291	0	1	70291	0
20:30-21:00	1	70291	0	1	70291	0	1	70291	0
21:00-21:30	1	70291	0	1	70291	0	1	70291	0
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			0.02			0.016			0.036

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: PUBLIC TRANSPORT USERS

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0	1	19974	0
05:30-06:00	1	19974	0	1	19974	0	1	19974	0
06:00-06:30	1	19974	0.005	1	19974	0	1	19974	0.005
06:30-07:00	2	45133	0.245	2	45133	0.004	2	45133	0.249
07:00-07:30	41	8717	0.134	41	8717	0.004	41	8717	0.138
07:30-08:00	41	8717	0.189	41	8717	0.006	41	8717	0.195
08:00-08:30	41	8717	0.19	41	8717	0.004	41	8717	0.194
08:30-09:00	41	8717	0.214	41	8717	0.004	41	8717	0.218
09:00-09:30	41	8717	0.162	41	8717	0.005	41	8717	0.167
09:30-10:00	41	8717	0.086	41	8717	0.01	41	8717	0.096
10:00-10:30	41	8717	0.048	41	8717	0.011	41	8717	0.059
10:30-11:00	41	8717	0.028	41	8717	0.015	41	8717	0.043
11:00-11:30	41	8717	0.034	41	8717	0.024	41	8717	0.058
11:30-12:00	41	8717	0.028	41	8717	0.026	41	8717	0.054
12:00-12:30	41	8717	0.032	41	8717	0.047	41	8717	0.079
12:30-13:00	41	8717	0.04	41	8717	0.043	41	8717	0.083
13:00-13:30	41	8717	0.039	41	8717	0.048	41	8717	0.087
13:30-14:00	41	8717	0.028	41	8717	0.036	41	8717	0.064
14:00-14:30	41	8717	0.023	41	8717	0.051	41	8717	0.074
14:30-15:00	41	8717	0.019	41	8717	0.067	41	8717	0.086
15:00-15:30	41	8717	0.019	41	8717	0.087	41	8717	0.106
15:30-16:00	41	8717	0.02	41	8717	0.101	41	8717	0.121
16:00-16:30	41	8717	0.031	41	8717	0.168	41	8717	0.199
16:30-17:00	41	8717	0.01	41	8717	0.169	41	8717	0.179
17:00-17:30	41	8717	0.007	41	8717	0.19	41	8717	0.197
17:30-18:00	41	8717	0.004	41	8717	0.142	41	8717	0.146
18:00-18:30	41	8717	0.002	41	8717	0.073	41	8717	0.075
18:30-19:00	41	8717	0.001	41	8717	0.034	41	8717	0.035
19:00-19:30	1	70291	0.006	1	70291	0.034	1	70291	0.04
19:30-20:00	1	70291	0.001	1	70291	0.038	1	70291	0.039
20:00-20:30	1	70291	0.001	1	70291	0.055	1	70291	0.056
20:30-21:00	1	70291	0	1	70291	0.018	1	70291	0.018
21:00-21:30	1	70291	0	1	70291	0.154	1	70291	0.154
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			1.646			1.668			3.314

TRIP RATE for Land Use 02 - EMPLOYMENT/A - OFFICE
Calculation Factor: 100 sqm
Count Type: TOTAL PEOPLE

			ARRIVALS			DEPARTURES			TOTALS
Time Range	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00-00:30									
00:30-01:00									
01:00-01:30									
01:30-02:00									
02:00-02:30									
02:30-03:00									
03:00-03:30									
03:30-04:00									
04:00-04:30									
04:30-05:00									
05:00-05:30	1	19974	0	1	19974	0.005	1	19974	0.005
05:30-06:00	1	19974	0.035	1	19974	0.01	1	19974	0.045
06:00-06:30	1	19974	0.08	1	19974	0.005	1	19974	0.085
06:30-07:00	2	45133	1.103	2	45133	0.225	2	45133	1.328
07:00-07:30	41	8717	0.503	41	8717	0.067	41	8717	0.57
07:30-08:00	41	8717	0.843	41	8717	0.104	41	8717	0.947
08:00-08:30	41	8717	1.063	41	8717	0.125	41	8717	1.188
08:30-09:00	41	8717	1.234	41	8717	0.137	41	8717	1.371
09:00-09:30	41	8717	0.887	41	8717	0.165	41	8717	1.052
09:30-10:00	41	8717	0.524	41	8717	0.168	41	8717	0.692
10:00-10:30	41	8717	0.354	41	8717	0.172	41	8717	0.526
10:30-11:00	41	8717	0.286	41	8717	0.171	41	8717	0.457
11:00-11:30	41	8717	0.266	41	8717	0.213	41	8717	0.479
11:30-12:00	41	8717	0.256	41	8717	0.265	41	8717	0.521
12:00-12:30	41	8717	0.405	41	8717	0.62	41	8717	1.025
12:30-13:00	41	8717	0.551	41	8717	0.598	41	8717	1.149
13:00-13:30	41	8717	0.607	41	8717	0.534	41	8717	1.141
13:30-14:00	41	8717	0.56	41	8717	0.373	41	8717	0.933
14:00-14:30	41	8717	0.392	41	8717	0.347	41	8717	0.739
14:30-15:00	41	8717	0.257	41	8717	0.392	41	8717	0.649
15:00-15:30	41	8717	0.227	41	8717	0.462	41	8717	0.689
15:30-16:00	41	8717	0.217	41	8717	0.562	41	8717	0.779
16:00-16:30	41	8717	0.204	41	8717	0.844	41	8717	1.048
16:30-17:00	41	8717	0.157	41	8717	0.931	41	8717	1.088
17:00-17:30	41	8717	0.134	41	8717	1.252	41	8717	1.386
17:30-18:00	41	8717	0.082	41	8717	0.771	41	8717	0.853
18:00-18:30	41	8717	0.062	41	8717	0.484	41	8717	0.546
18:30-19:00	41	8717	0.042	41	8717	0.241	41	8717	0.283
19:00-19:30	1	70291	0.11	1	70291	0.182	1	70291	0.292
19:30-20:00	1	70291	0.088	1	70291	0.149	1	70291	0.237
20:00-20:30	1	70291	0.09	1	70291	0.206	1	70291	0.296
20:30-21:00	1	70291	0.097	1	70291	0.122	1	70291	0.219
21:00-21:30	1	70291	0.085	1	70291	0.434	1	70291	0.519
21:30-22:00									
22:00-22:30									
22:30-23:00									
23:00-23:30									
23:30-24:00									
Daily Trip Rates:			11.801			11.336			23.137

Parameter summary

Trip rate parameter ranc 186 - 70291 (units: sqm)
Survey date date range: 01/01/09 - 16/03/16
Number of weekdays (M 41
Number of Saturdays: 0
Number of Sundays: 0
Surveys automatically re 5
Surveys manually remo 0
This section displays a c followed by the ran the total number of se the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

APPENDIX D BUS TIMETABLES

5C Geufron - Trinity Street at Wrexham Bus Station 1

Arriva Wales

Mondays to Fridays
[1]

Geufron, o/s Eisteddfod Pavilion	*dep*	15:22	15:49
Queen Street before 4 Acrefair, Acrefair		15:37	16:04
Heol Cefn Mynydd before Heol Craigfab, Cefn-Bychar		15:41	16:10
Hampden Way after Gwynant, Plas Madoc		15:47	16:16
Llangollen Road after Plas Bennion Road, Plas Madoc		15:51	16:19
Wrexham Road before Croesfoel Farm, Pentre Bychar		16:05	16:32
Trinity Street at Wrexham Bus Station 1, Wrexham	*arr*	16:14	16:41

[1] Only runs on Friday (Fri 25-Oct-2024)
Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

5C Trinity Street at Wrexham Bus Station 1 - Geufron

Arriva Wales

Mondays to Fridays
[1]

Trinity Street at Wrexham Bus Station 1, Wrexham	*dep*	07:00	07:32
Wrexham Road after Croesfoel Farm, Pentre Bychar		07:10	07:43
Hampden Way before Gwynant, Plas Madoc		07:27	08:01
Queen Street after 4 Acrefair, Acrefair		07:42	08:16
Geufron, o/s Eisteddfod Pavilion	*arr*	07:57	08:31

[1] Only runs on Friday (Fri 25-Oct-2024)
Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2 King Street at Wrexham Bus Station 4 - Oswestry

Arriva Wales

Mondays to Fridays

King Street at Wrexham Bus Station 4, Wrexham	*dep*	06:52	07:52	08:22	09:22	10:22	11:22	12:22	13:22	14:22	15:22	16:22	18:22	20:00	22:15
Wrexham Road after Croesfoel Farm, Pentre Bychan		07:04	08:04	08:34	09:34	10:34	11:34	12:34	13:34	14:32	15:35	16:35	18:34	20:10	22:25
Hampden Way after Plas Telford Extra Care, Plas Madoc		07:19	08:19	08:49	09:49	10:49	11:49	12:49	13:49	14:48	15:51	16:51	18:49	20:22	22:37
Cefn-Mawr, opp Cefn Mawr Tesco		07:26	08:26	08:56	09:56	10:56	11:56	12:56	13:56	14:53	15:58	16:59	18:57	20:29	22:44
B5070 before Lodge Farm, Chirk		07:38	08:38	09:08	10:08	11:08	12:08	13:08	14:08	15:03	16:10	17:11	19:09	20:39	22:54
Church Street before St Mary`s Church, Chirk		07:49	08:49	09:19	10:19	11:19	12:19	13:19	14:19	15:10	16:21	17:22	19:20	20:45	23:00
St Martins, adj Rhyn Park School		07:53	08:53	09:23	10:23	11:23	12:23	13:23	14:23		16:25	17:26	19:24	20:48	23:03
Gobowen, opp Rowan Close		08:00	09:00	09:30	10:30	11:30	12:30	13:30	14:30		16:32	17:33	19:31	20:53	23:08
Park Hall, adj North Drive Jct		08:03	09:03	09:33	10:33	11:33	12:33	13:33	14:33		16:35	17:36	19:34	20:56	23:11
Oswestry, Bus Station (Stand 1)	*arr*	08:08	09:08	09:38	10:38	11:38	12:38	13:38	14:38		16:40	17:41	19:39	21:01	23:16

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2 King Street at Wrexham Bus Station 4 - Oswestry

Arriva Wales

Saturdays

King Street at Wrexham Bus Station 4, Wrexham	*dep*	08:22	09:22	10:22	11:22	12:22	13:22	14:22	15:22	16:22	18:22	20:00	22:15
Wrexham Road after Croesfoel Farm, Pentre Bychan		08:34	09:34	10:34	11:34	12:34	13:34	14:34	15:34	16:34	18:34	20:10	22:25
Hampden Way after Plas Telford Extra Care, Plas Madoc		08:49	09:49	10:49	11:49	12:49	13:49	14:49	15:49	16:49	18:49	20:22	22:37
Cefn-Mawr, opp Cefn Mawr Tesco		08:56	09:56	10:56	11:56	12:56	13:56	14:56	15:56	16:56	18:56	20:29	22:44
B5070 before Lodge Farm, Chirk		09:08	10:08	11:08	12:08	13:08	14:08	15:08	16:08	17:08	19:08	20:39	22:54
St Martins, opp Beech Trees		09:23	10:23	11:23	12:23	13:23	14:23	15:23	16:23	17:23	19:23	20:48	23:03
Oswestry, Bus Station (Stand 1)	*arr*	09:38	10:38	11:38	12:38	13:38	14:38	15:38	16:38	17:38	19:38	21:01	23:16

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2 King Street at Wrexham Bus Station 4 - Oswestry

Arriva Wales

Sundays

King Street at Wrexham Bus Station 4, Wrexham	*dep*	08:30	09:30	10:30	11:30	12:30	13:30	14:30	15:30	16:30
Wrexham Road after Croesfoel Farm, Pentre Bychan		08:39	09:39	10:39	11:39	12:39	13:39	14:39	15:39	16:39
Hampden Way after Plas Telford Extra Care, Plas Madoc		08:52	09:52	10:52	11:52	12:52	13:52	14:52	15:52	16:52
Cefn-Mawr, opp Cefn Mawr Tesco		08:58	09:58	10:58	11:58	12:58	13:58	14:58	15:58	16:58
B5070 before Lodge Farm, Chirk		09:11	10:11	11:11	12:11	13:11	14:11	15:11	16:11	17:11
St Martins, opp Beech Trees		09:20	10:20	11:20	12:20	13:20	14:20	15:20	16:20	17:20
Oswestry, Bus Station (Stand 1)	*arr*	09:33	10:33	11:33	12:33	13:33	14:33	15:33	16:33	17:33

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2 Oswestry - King Street at Wrexham Bus Station 4

Arriva Wales

Mondays to Fridays

Oswestry, Bus Station (Stand 1)	*dep*	06:40	07:40	08:50	09:50	10:50	11:50	12:50	13:50	14:50	15:50	16:50	17:50	18:52	19:52	21:06
St Martins, adj Beech Trees		06:55	07:55	09:05	10:05	11:05	12:05	13:05	14:05	15:05	16:03	17:05	18:05	19:06	20:06	21:20
B5070 after Lodge Farm, Chirk		07:10	08:10	09:20	10:20	11:20	12:20	13:20	14:20	15:20	16:16	17:20	18:20	19:15	20:15	21:29
Cefn-Mawr, o/s Cefn Mawr Tesco		07:21	08:21	09:31	10:31	11:31	12:31	13:31	14:31	15:31	16:26	17:31	18:31	19:26	20:26	21:40
Hampden Way before Plas Telford Extra Care, Plas Madoc		07:31	08:31	09:41	10:41	11:41	12:41	13:41	14:41	15:41	16:36	17:41	18:41	19:34	20:34	21:48
Wrexham Road before Croesfoel Farm, Pentre Bychan		07:45	08:45	09:55	10:55	11:55	12:55	13:55	14:55	15:55	16:49	17:55	18:55	19:46	20:46	22:00
King Street at Wrexham Bus Station 4, Wrexham	*arr*	07:55	08:55	10:05	11:05	12:05	13:05	14:05	15:05	16:05	16:59	18:05	19:05	19:55	20:55	22:09

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2 Oswestry - King Street at Wrexham Bus Station 4

Arriva Wales

Saturdays

Oswestry, Bus Station (Stand 1)	*dep*	07:40	08:50	09:50	10:50	11:50	12:50	13:50	14:50	15:50	16:50	17:45	19:00	19:52	21:06
St Martins, adj Beech Trees		07:55	09:05	10:05	11:05	12:05	13:05	14:05	15:05	16:05	17:05	18:00	19:14	20:06	21:20
B5070 after Lodge Farm, Chirk		08:10	09:20	10:20	11:20	12:20	13:20	14:20	15:20	16:20	17:20	18:15	19:24	20:16	21:30
Cefn-Mawr, o/s Cefn Mawr Tesco		08:21	09:31	10:31	11:31	12:31	13:31	14:31	15:31	16:31	17:31	18:26	19:34	20:26	21:40
Hampden Way before Plas Telford Extra Care, Plas Madoc		08:31	09:41	10:41	11:41	12:41	13:41	14:41	15:41	16:41	17:41	18:36	19:42	20:34	21:48
Wrexham Road before Croesfoel Farm, Pentre Bychan		08:47	09:57	10:57	11:57	12:55	13:55	14:55	15:55	16:55	17:55	18:50	19:54	20:46	22:00
King Street at Wrexham Bus Station 4, Wrexham	*arr*	09:00	10:10	11:10	12:05	13:05	14:05	15:05	16:05	17:05	18:05	19:00	20:03	20:55	22:09

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2 Oswestry - King Street at Wrexham Bus Station 4

Arriva Wales

Sundays

Oswestry, Bus Station (Stand 1)	*dep*	09:40	10:40	11:40	12:40	13:40	14:40	15:40	16:40	17:40
St Martins, adj Beech Trees		09:53	10:53	11:53	12:53	13:53	14:53	15:53	16:53	17:53
B5070 after Lodge Farm, Chirk		10:01	11:01	12:01	13:01	14:01	15:01	16:01	17:01	18:01
Cefn-Mawr, o/s Cefn Mawr Tesco		10:13	11:13	12:13	13:13	14:13	15:13	16:13	17:13	18:13
Hampden Way before Plas Telford Extra Care, Plas Madoc		10:22	11:22	12:22	13:22	14:22	15:22	16:22	17:22	18:22
Wrexham Road before Croesfoel Farm, Pentre Bychan		10:35	11:35	12:35	13:35	14:35	15:35	16:35	17:35	18:35
King Street at Wrexham Bus Station 4, Wrexham	*arr*	10:44	11:44	12:44	13:44	14:44	15:44	16:44	17:44	18:44

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2A King Street at Wrexham Bus Station 4 - Oswestry

Arriva Wales

Mondays to Fridays

King Street at Wrexham Bus Station 4, Wrexham	*dep*	06:22	07:22	08:52	09:52	10:52	11:52	12:52	13:52	14:52	15:52	16:52	17:30
Wrexham Road after Croesfoel Farm, Pentre Bychan		06:32	07:33	09:04	10:04	11:04	12:04	13:04	14:04	15:05	16:05	17:05	17:43
Hampden Way before Plas Telford Extra Care, Plas Madoc		06:45	07:47	09:19	10:19	11:19	12:19	13:19	14:19	15:21	16:21	17:21	17:59
Cefn-Mawr, opp Cefn Mawr Tesco		06:50	07:52	09:25	10:26	11:26	12:26	13:26	14:27	15:29	16:29	17:29	18:07
B5070 before Lodge Farm, Chirk		07:00	08:02	09:34	10:39	11:39	12:39	13:39	14:40	15:44	16:44	17:44	18:20
Weston Rhyn, opp The Meads		07:10	08:11	09:43	10:49	11:50	12:50	13:50	14:51	15:55	16:55	17:55	18:31
Oswestry, Bus Station (Stand 1)	*arr*	07:27	08:28	10:00	11:05	12:06	13:06	14:06	15:07	16:11	17:11	18:11	18:47

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2A King Street at Wrexham Bus Station 4 - Oswestry

Arriva Wales

Saturdays

King Street at Wrexham Bus Station 4, Wrexham	*dep*	06:22	07:22	08:52	09:52	10:52	11:52	12:52	13:52	14:52	15:52	16:52	17:41
Wrexham Road after Croesfoel Farm, Pentre Bychan		06:32	07:33	09:04	10:04	11:04	12:04	13:04	14:04	15:04	16:04	17:04	17:53
Hampden Way before Plas Telford Extra Care, Plas Madoc		06:45	07:47	09:19	10:19	11:19	12:19	13:19	14:19	15:19	16:19	17:19	18:08
Cefn-Mawr, opp Cefn Mawr Tesco		06:50	07:52	09:25	10:26	11:26	12:26	13:26	14:26	15:26	16:26	17:26	18:15
B5070 before Lodge Farm, Chirk		06:58	08:00	09:35	10:38	11:38	12:38	13:38	14:38	15:38	16:38	17:38	18:27
Weston Rhyn, opp The Meads		07:09	08:10	09:48	10:50	11:50	12:50	13:50	14:50	15:50	16:50	17:50	18:39
Oswestry, Bus Station (Stand 1)	*arr*	07:25	08:26	10:05	11:06	12:06	13:06	14:06	15:06	16:06	17:06	18:06	18:55

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2A Oswestry - King Street at Wrexham Bus Station 4

Arriva Wales

Mondays to Fridays

Oswestry, Bus Station (Stand 1)	*dep*	07:10	08:20	09:20	10:20	11:20	12:20	13:20	14:20	15:20	16:20	17:20	18:20
Oswestry, adj Post Office		07:13	08:23	09:23	10:23	11:23	12:23	13:23	14:24	15:24	16:24	17:24	18:24
Weston Rhyn, adj The Meads		07:25	08:35	09:38	10:38	11:38	12:38	13:38	14:40	15:40	16:40	17:40	18:40
B5070 after Lodge Farm, Chirk		07:37	08:47	09:50	10:50	11:50	12:50	13:50	14:52	15:52	16:52	17:52	18:52
Cefn-Mawr, o/s Cefn Mawr Tesco		07:49	08:59	10:02	11:02	12:02	13:02	14:02	15:04	16:04	17:04	18:04	19:04
Hampden Way after Plas Telford Extra Care, Plas Madoc		07:59	09:09	10:12	11:12	12:12	13:12	14:12	15:14	16:14	17:14	18:14	19:14
Wrexham Road before Croesfoel Farm, Pentre Bychan		08:16	09:26	10:29	11:25	12:25	13:25	14:25	15:27	16:27	17:27	18:27	19:27
King Street at Wrexham Bus Station 4, Wrexham	*arr*	08:29	09:39	10:40	11:35	12:35	13:35	14:35	15:37	16:39	17:39	18:37	19:37

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2A Oswestry - King Street at Wrexham Bus Station 4

Arriva Wales

Saturdays

Oswestry, Bus Station (Stand 1)	*dep*	10:20	11:20	12:20	13:20	14:20	15:20	16:20	17:20	18:20
Oswestry, adj Post Office		10:23	11:23	12:23	13:23	14:23	15:23	16:23	17:23	18:23
Weston Rhyn, adj The Meads		10:38	11:38	12:38	13:38	14:38	15:38	16:38	17:38	18:38
B5070 after Lodge Farm, Chirk		10:50	11:50	12:50	13:50	14:50	15:50	16:50	17:50	18:50
Cefn-Mawr, o/s Cefn Mawr Tesco		11:02	12:02	13:02	14:02	15:02	16:02	17:02	18:02	19:02
Hampden Way after Plas Telford Extra Care, Plas Madoc		11:12	12:12	13:12	14:12	15:12	16:12	17:12	18:12	19:12
Wrexham Road before Croesfoel Farm, Pentre Bychan		11:25	12:25	13:25	14:25	15:25	16:25	17:25	18:25	19:25
King Street at Wrexham Bus Station 4, Wrexham	*arr*	11:35	12:35	13:35	14:35	15:35	16:35	17:35	18:35	19:35

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2C Trinity Street at Wrexham Bus Station 3 - Cae-Gwilym Lane after Heol Berwyn

Arriva Wales

Mondays to Fridays

Trinity Street at Wrexham Bus Station 3, Wrexham	*dep*	07:53	08:37	09:07	09:37	10:07	10:37	11:07	11:37	12:07	12:37	13:07	13:37	14:07	14:37	15:07	15:37	16:07	16:37
Rhostyllen, opp Black Lion Inn		08:01	08:45	09:15	09:45	10:15	10:45	11:15	11:45	12:15	12:45	13:15	13:45	14:15	14:45	15:15	15:45	16:15	16:45
High Street before Wynnstay Arms Hotel, Ruabon		08:11	08:55	09:25	09:55	10:25	10:55	11:25	11:55	12:25	12:55	13:25	13:55	14:25	14:55	15:25	15:55	16:25	16:55
Hampden Way after Plas Telford Extra Care, Plas Madoc		08:18	09:02	09:32	10:02	10:32	11:02	11:32	12:02	12:32	13:02	13:32	14:02	14:32	15:02	15:32	16:02	16:32	17:02
Cefn-Mawr, o/s Cefn Mawr Tesco		08:23	09:07	09:37	10:07	10:37	11:07	11:37	12:07	12:37	13:07	13:37	14:07	14:37	15:07	15:37	16:07	16:37	17:07
Cae-Gwilym Lane after Heol Berwyn, Cefn-Bychan	*arr*	08:28	09:12	09:42	10:12	10:42	11:12	11:42	12:12	12:42	13:12	13:42	14:12	14:42	15:12	15:42	16:12	16:42	17:12

Trinity Street at Wrexham Bus Station 3, Wrexham	*dep*	17:07	17:37	18:07	19:07	21:00
Rhostyllen, opp Black Lion Inn		17:15	17:45	18:15	19:15	21:08
High Street before Wynnstay Arms Hotel, Ruabon		17:25	17:55	18:25	19:25	21:18
Hampden Way after Plas Telford Extra Care, Plas Madoc		17:32	18:02	18:32	19:32	21:25
Cefn-Mawr, o/s Cefn Mawr Tesco		17:37	18:07	18:37	19:37	21:30
Cae-Gwilym Lane after Heol Berwyn, Cefn-Bychan	*arr*	17:42	18:12	18:42	19:42	21:35

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2C Trinity Street at Wrexham Bus Station 3 - Cae-Gwilym Lane after Heol Berwyn

Arriva Wales

Saturdays

Trinity Street at Wrexham Bus Station 3, Wrexham	*dep*	07:37	08:37	09:07	09:37	10:07	10:37	11:07	11:37	12:07	12:37	13:07	13:37	14:07	14:37	15:07	15:37	16:07	16:37
Rhostyllen, opp Black Lion Inn		07:45	08:45	09:15	09:45	10:15	10:45	11:15	11:45	12:15	12:45	13:15	13:45	14:15	14:45	15:15	15:45	16:15	16:45
High Street before Wynnstay Arms Hotel, Ruabon		07:55	08:55	09:25	09:55	10:25	10:55	11:25	11:55	12:25	12:55	13:25	13:55	14:25	14:55	15:25	15:55	16:25	16:55
Hampden Way after Plas Telford Extra Care, Plas Madoc		08:02	09:02	09:32	10:02	10:32	11:02	11:32	12:02	12:32	13:02	13:32	14:02	14:32	15:02	15:32	16:02	16:32	17:02
Cefn-Mawr, o/s Cefn Mawr Tesco		08:07	09:07	09:37	10:07	10:37	11:07	11:37	12:07	12:37	13:07	13:37	14:07	14:37	15:07	15:37	16:07	16:37	17:07
Cae-Gwilym Lane after Heol Berwyn, Cefn-Bychan	*arr*	08:12	09:12	09:42	10:12	10:42	11:12	11:42	12:12	12:42	13:12	13:42	14:12	14:42	15:12	15:42	16:12	16:42	17:12

Trinity Street at Wrexham Bus Station 3, Wrexham	*dep*	17:07	17:27	18:07	19:07	21:07
Rhostyllen, opp Black Lion Inn		17:15	17:35	18:15	19:15	21:15
High Street before Wynnstay Arms Hotel, Ruabon		17:25	17:45	18:25	19:25	21:25
Hampden Way after Plas Telford Extra Care, Plas Madoc		17:32	17:52	18:32	19:32	21:32
Cefn-Mawr, o/s Cefn Mawr Tesco		17:37	17:57	18:37	19:37	21:37
Cae-Gwilym Lane after Heol Berwyn, Cefn-Bychan	*arr*	17:42	18:02	18:42	19:42	21:42

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2C Cae-Gwilym Lane after Heol Berwyn - Trinity Street at Wrexham Bus Station 3

Arriva Wales

Mondays to Fridays

Cae-Gwilym Lane after Heol Berwyn, Cefn-Bychar	*dep*	06:40	07:42	07:54	08:34	09:14	09:44	10:14	10:44	11:14	11:44	12:14	12:44	13:14	13:44	14:14	14:44	15:14	15:44
Cefn-Mawr, opp Cefn Mawr Tesco		06:45	07:47	07:59	08:39	09:19	09:49	10:19	10:49	11:19	11:49	12:19	12:49	13:19	13:49	14:19	14:49	15:19	15:49
Hampden Way before Plas Telford Extra Care, Plas Madoc		06:52	07:54	08:06	08:46	09:26	09:56	10:26	10:56	11:26	11:56	12:26	12:56	13:26	13:56	14:26	14:56	15:26	15:56
Ruabon, nr Kandy Lodge		06:57	07:59	08:11	08:51	09:31	10:01	10:31	11:01	11:31	12:01	12:31	13:01	13:31	14:01	14:31	15:01	15:31	16:01
Rhostyllen, o/s Black Lion Inn		07:07	08:09	08:21	09:01	09:41	10:11	10:41	11:11	11:41	12:11	12:41	13:11	13:41	14:11	14:41	15:11	15:41	16:11
Trinity Street at Wrexham Bus Station 3, Wrexham	*arr*	07:15	08:17	08:34	09:14	09:49	10:19	10:49	11:19	11:49	12:19	12:49	13:19	13:49	14:19	14:49	15:19	15:49	16:19

Cae-Gwilym Lane after Heol Berwyn, Cefn-Bychar	*dep*	16:14	16:44	17:14	17:44	18:14	18:44	19:44
Cefn-Mawr, opp Cefn Mawr Tesco		16:19	16:49	17:19	17:49	18:19	18:49	19:49
Hampden Way before Plas Telford Extra Care, Plas Madoc		16:26	16:56	17:26	17:56	18:26	18:56	19:56
Ruabon, nr Kandy Lodge		16:31	17:01	17:31	18:01	18:31	19:01	20:01
Rhostyllen, o/s Black Lion Inn		16:41	17:11	17:41	18:11	18:41	19:11	20:11
Trinity Street at Wrexham Bus Station 3, Wrexham	*arr*	16:49	17:19	17:49	18:19	18:49	19:19	20:19

Compiled from data for the period Fri 25-Oct-2024 to Thu 31-Oct-2024.

2C Cae-Gwilym Lane after Heol Berwyn - Trinity Street at Wrexham Bus Station 3

Arriva Wales

Saturdays

Cae-Gwilym Lane after Heol Berwyn, Cefn-Bychar	*dep*	06:44	07:14	07:44	08:14	08:44	09:14	09:44	10:14	10:44	11:14	11:44	12:14	12:44	13:14	13:44	14:14	14:44	15:14
Cefn-Mawr, opp Cefn Mawr Tesco		06:49	07:19	07:49	08:19	08:49	09:19	09:49	10:19	10:49	11:19	11:49	12:19	12:49	13:19	13:49	14:19	14:49	15:19
Hampden Way before Plas Telford Extra Care, Plas Madoc		06:56	07:26	07:56	08:26	08:56	09:26	09:56	10:26	10:56	11:26	11:56	12:26	12:56	13:26	13:56	14:26	14:56	15:26
Ruabon, nr Kandy Lodge		07:01	07:31	08:01	08:31	09:01	09:31	10:01	10:31	11:01	11:31	12:01	12:31	13:01	13:31	14:01	14:31	15:01	15:31
Rhostyllen, o/s Black Lion Inn		07:11	07:41	08:11	08:41	09:11	09:41	10:11	10:41	11:11	11:41	12:11	12:41	13:11	13:41	14:11	14:41	15:11	15:41
Trinity Street at Wrexham Bus Station 3, Wrexham	*arr*	07:19	07:49	08:24	08:49	09:24	09:49	10:19	10:49	11:19	11:49	12:19	12:49	13:19	13:49	14:19	14:49	15:19	15:49

Cae-Gwilym Lane after Heol Berwyn, Cefn-Bychar	*dep*	15:44	16:14	16:44	17:14	17:44	18:44	19:44
Cefn-Mawr, opp Cefn Mawr Tesco		15:49	16:19	16:49	17:19	17:49	18:49	19:49
Hampden Way before Plas Telford Extra Care, Plas Madoc		15:56	16:26	16:56	17:26	17:56	18:56	19:56
Ruabon, nr Kandy Lodge		16:01	16:31	17:01	17:31	18:01	19:01	20:01
Rhostyllen, o/s Black Lion Inn		16:11	16:41	17:11	17:41	18:11	19:11	20:11
Trinity Street at Wrexham Bus Station 3, Wrexham	*arr*	16:19	16:49	17:19	17:49	18:19	19:19	20:19

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