Appendix F Model Validation Report

Model Validation Report

Distribution Centre Penllergaer

Hydrock now Stantec

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Stoford Properties Ltd

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1 Introduction

1.1 Commission

Hydrock, now Stantec has been commissioned by Stoford Properties Ltd to prepare a microsimulation traffic model to support a forthcoming planning application for a proposed distribution centre at Penllergaer, Swansea. The proposed development will accommodate a floor area of 12,465sqm.

It was agreed with Swansea Council that a microsimulation model is considered to be the most appropriate tool to assess the impacts of the proposed development scheme as part of any future planning application for this site. A Model Specification Report[1] was issued to Swansea Council on 5 March 2025 and comments were received on 11 April 2025. These were discussed in a meeting on 14 April 2025 and an updated Model Specification Report[2] was issued on 22 April 2025.

1.2 Purpose of this Report

This Model Validation Report sets out the development, calibration, and validation of the Penllergaer, Swansea Aimsun Model in line with the updated Model Specification Report.

[1] *Distribution Centre, Penllergaer, Swansea - Model Specification Report*, v1.0, Hydrock Fore, 5 March 2025
[2] *Distribution Centre, Penllergaer, Swansea - Model Specification Report*, v1.1, Hydrock Fore, 22 April 2025

2 Model Development

2.1 Introduction

This section sets out the key features of the model including model type, study area, structure and assessment periods.

2.2 Aimsun Version

The model has been developed in Aimsun version number 24.0.2.

2.3 Extent of the Model

The full extent of the model was agreed with Swansea Council and is shown in Figure 1. The model covers the M4 junctions 46 and 47 along with the A48 from which the proposed development will be accessed.

Figure 1: Model Study Area



2.3.1 Modelled Year and Time Periods

The model has been developed to be representative of the year 2025 and covers the time periods agreed with Swansea Council, which have been chosen to capture the peak periods including the primary school peaks:

- AM peak period: 07:00 to 10:00.
- PM peak period: 15:00 to 19:00.

In addition, a 15-minute warm-up period has also been modelled in order to generate an initial starting point for the model.

2.4 Model Type

The microsimulation model has been developed in Aimsun. The two alternative routes in study are the M4 and the A48. Analysis of traffic count and journey time data suggests that routes via each road have broadly similar journey times and drivers tend to choose their route based on personal preference (i.e. not using the motorway) rather than taking the quickest or shortest route. This results in a particular modelling challenge where preference of route rather than journey time is used to determine route choice in the model.

2.5 Vehicle Types

The model considers the following vehicle types:

- Car - A48: comprising private cars and taxis that would choose the A48 over the M4
- Car - M4: comprising private cars and taxis that would choose the M4 over the A48
- Light goods vehicles (LGVs) - A48: with a gross vehicle weight of less than 3.5t that would choose the A48 over the M4
- Light goods vehicles (LGVs) - A48: with a gross vehicle weight of less than 3.5t that would choose the M4 over the A48
- Heavy goods vehicles (HGVs) - A48: with a gross vehicle weight of greater than 3.5t that would choose the A48 over the M4
- Heavy goods vehicles (HGVs) - A48: with a gross vehicle weight of greater than 3.5t that would choose the M4 over the A48
- Buses: comprising all public service buses.

2.6 Network Structure

All roads but the most minor residential roads have been included within the model and the network has been coded to a high degree of detail suitable for microsimulation. The network has been automatically generated by Aimsun using the Open Street Map importer and then refined using aerial photography, am “as-built” CAD drawing of Junction 47, and site visit observations to provide a spatially accurate representation of the highway network.

2.7 Centroid Connectors

Centroid connectors are used to load trips from zones onto the network. These have been connected using actual access points where possible. In some instances, multiple centroid connectors have been used to reflect the ability to use various access points to arrive and depart particular areas of the model. In other locations, these have been attached directly to nodes, as this enables trips to choose their route via any direction from the node.

2.8 Public Transport

All bus stops within the modelled area have been coded into the model. The bus routes have been coded into the model based on published timetable and routing information. The routes and operators are listed in Table 1, below.

Table 1: Modelled Bus Services

Service	Route
35	Swansea to Llandyfelach
43	Morriston Hospital to Swansea
46	Gorseinon to Morriston
53	Swansea to Tircoed
X13	Swansea to Llandeilo

Dwell times for buses at each bus stop have been coded with a mean of 30 seconds and standard deviation of 10 seconds. This results in a variation in bus stop dwell times, with some buses stopping for short periods (for example, for passengers to alight) and some buses stopping for longer periods (for example, for passengers to board and purchase tickets).

2.9 Network Data, Coding and Checking

The network has been automatically generated from Open Street Map using Aimsun’s Open Street Map importer. This ensures that the network is correctly georeferenced and also brings in a basic network hierarchy and other information such as road names. The network was then checked and refined using a combination of Ordnance Survey digital mapping, aerial photography and site visit observations. The level of detail coded includes:

- Detailed representation of geometry including lanes, lane widths, flares, stop lines, gradients, bus stops.
- Detailed representation of junctions including form of control (e.g. stop, give-way, traffic signals) and prohibited movements.
- Detailed representation of traffic signals at all signal-controlled junctions and pedestrian crossings. Traffic signals have been coded using the TRANSYT model and signal specification data provided by Swansea Council with phasing, staging, intergreens and phase delays reflecting those on street. This data was supplemented by video survey data undertaken on the day of the traffic surveys.
- Detailed representation of bus public transport infrastructure including all bus stops, bus lanes and bus gates.
- Traffic management actions have been used on the A48 to replicate the two-way shared overtaking lane.

2.10 Road Types (Road Hierarchy)

As set out above, the network was initially generated from OpenStreetMap (OSM), which brought in an initial road hierarchy based on the following OSM classifications:

- OSM 1 – Motorway.
- OSM 2 – Trunk.
- OSM 3 – Primary.
- OSM 4 – Secondary.
- OSM 5 – Tertiary.
- OSM 6 – Residential.
- OSM 7 – Unclassified.

This road hierarchy has been further refined and the road types used in the final model are as follows:

- Motorway.
- Primary 20mph.
- Primary 30mph.
- Primary 40mph.
- Primary 50mph.
- Residential.
- Tertiary.
- Unclassified.
- Service.

These road types have been applied to each section in the model, as appropriate.

3 Trip Matrix Development

3.1 Introduction

This section details the methodology adopted in creating the traffic demand matrices used to develop the model.

3.2 Traffic Demand Matrices

Traffic demand matrices have been derived for each 15-minute time period for cars, LGVs, and HGVs in the time periods 07:00 to 10:00 hours and 15:00 to 19:00 hours. The use of 15-minute time-sliced matrices allows a realistic traffic profile to be created within the model that reflects both changes in traffic levels and traffic patterns over the modelled periods. These matrices have been developed as follows:

- Prior matrices were derived from origin destination data using anonymous aggregated telematics data provided by The Floow. This provided a prior matrix for each peak period.
- The matrices were furnessed using Aimsun's built-in algorithm using traffic count data at the entry and exits of the modelled network. This method was used to adjust the prior matrix trip ends to match surveyed data.
- The furnessed matrix was then split into two matrices; one reflecting trips that would use the M4 and another for trips that would use the A48. Trips that could use either the M4 or A48 were split evenly between the two matrices whereas trips that could only realistically use one of the routes were assigned solely to the matrix for that route. For example, trips between Junction 47 services and M4 east would only ever use the M4 and therefore all of the prior matrices trips between these two centroids was allocated to the M4 matrix.
- Aimsun's built-in matrix adjustment algorithm was then used to adjust the matrices so that the modelled flows match the observed turn and link flows, applying appropriate constraints (see section 3.2.1, below) to minimise distortion of the prior matrices. This results in a series of small adjustments to the matrices which better replicate the observed traffic count data while maintaining the journey patterns in the prior matrices as far as possible.
- This process created two adjusted matrices covering each of the peak periods (07:00 to 10:00 and 15:00 to 19:00). These matrices were profiled down, using traffic survey counts, to create 15 minute prior matrices. Each of these matrices were then adjusted again using Aimsun's OD adjustment algorithm to create 15 minute demand matrices, creating the peak period profiled matrix.

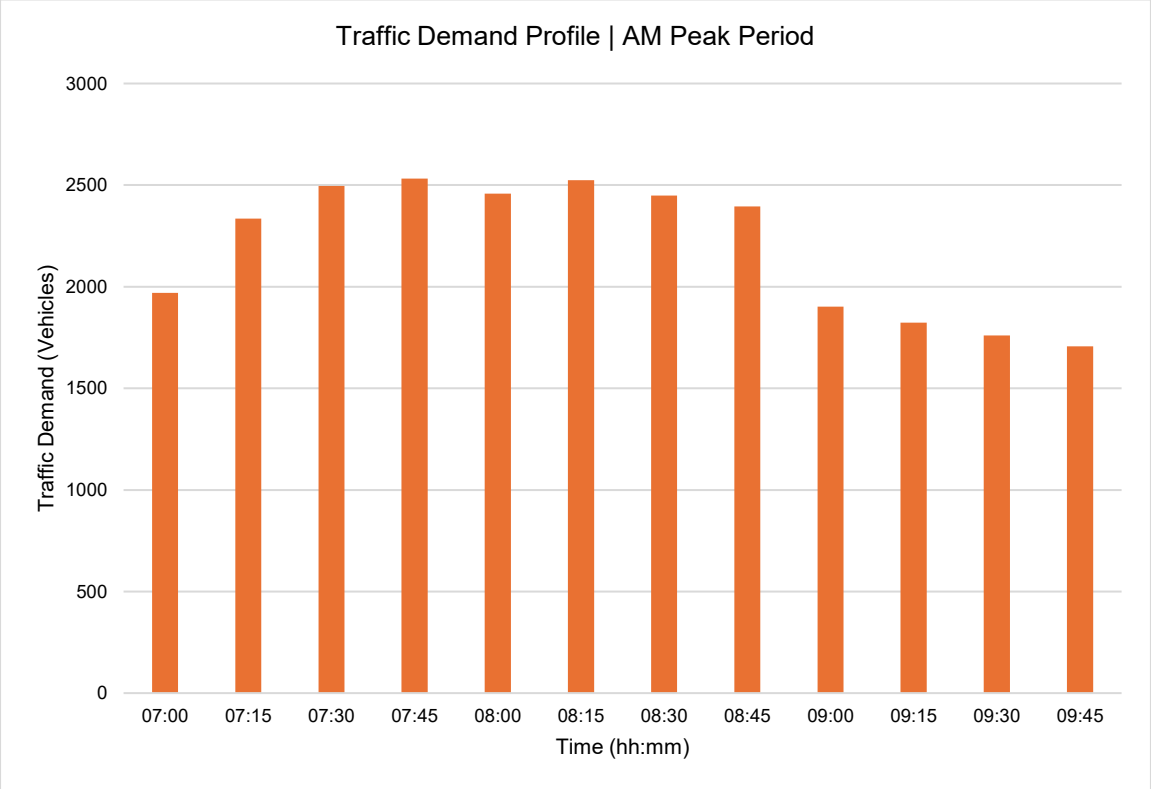
3.2.1 Matrix Adjustment Constraints

If unconstrained, the matrix adjustment algorithms can significantly distort the prior matrices. To prevent this, the following approaches were adopted:

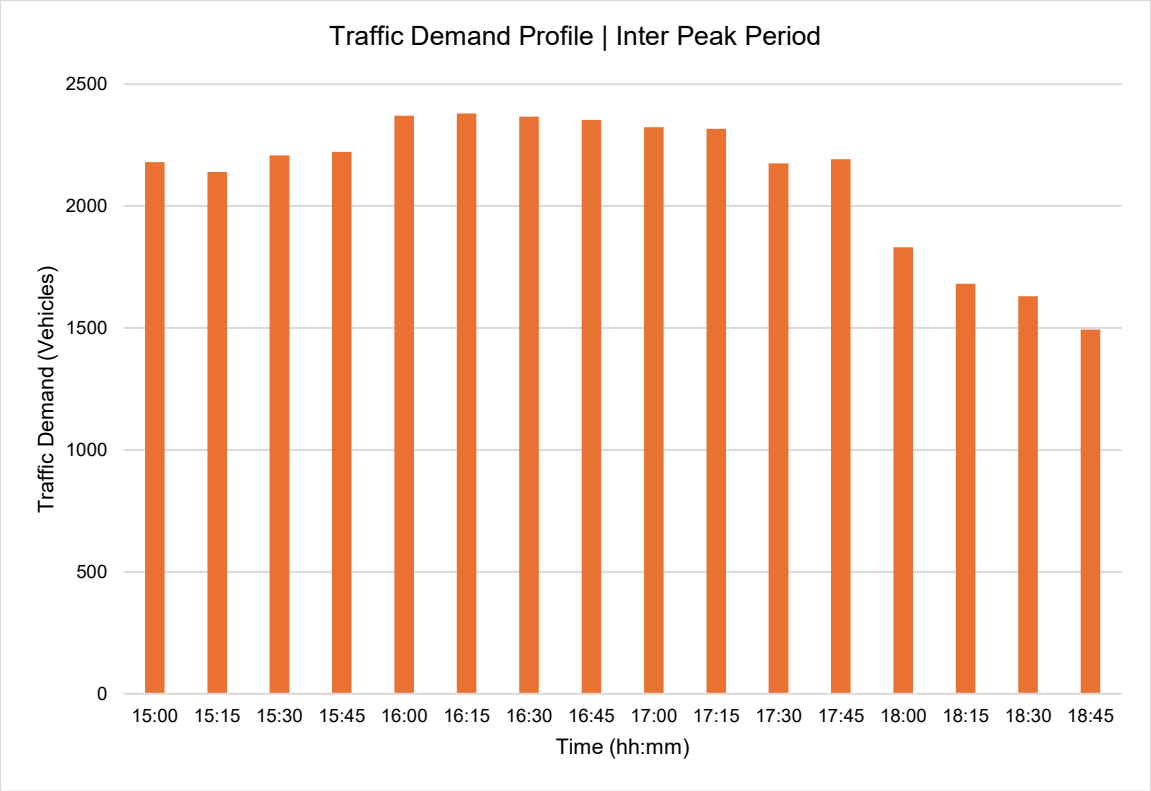
- A matrix elasticity has been applied to the individual cell values. This uses the prior matrix as calibration data and penalises cell values as they are adjusted further from their original values. The level of elasticity used was 0.3, which provides a balance between preserving the broad OD patterns in the prior matrix whilst ensuring that traffic flows are reproduced to a high level of detail.
- A trip distribution elasticity of 0.5 has been adopted. This penalises changes to the trip length distribution and seeks to prevent the matrix adjustment algorithm creating a large number of short trips.

The resulting calibrated traffic demand profiles for the 2025 base year are shown on Graph 1 and Graph 2.

Graph 1: Traffic Demand Profile | AM Peak



Graph 3: Traffic Demand Profile | PM Peak



4 Model Calibration

4.1 Introduction

Model calibration is the process of adjusting the parameters of the model to ensure that simulated traffic flows, routes and travel behaviour correspond with observed behaviour. Several features within the Aimsun model were calibrated to ensure the best representation of the network and driver behaviour. The calibration parameters in the model include:

- Route Choice Model.
- Behavioural Models.
- Section characteristics.
- Give-way model parameters.
- Turn characteristics.
- Vehicle characteristics.
- Simulation step and reaction time.
- Traffic Flow Calibration.

4.2 Route Choice Model

As previously outlined, the route choice in the model is based on driver preference (using the M4 or the A48) as opposed to taking the quickest or shortest route, and therefore vehicles have been assigned a class of either the M4 or A48. Each vehicle in that class will be assigned via their preferred route within the model.

4.3 Behavioural Models

4.3.1 Car Following and Lane Change Models

Both car following and lane changing models have global parameters for which it is possible to alter the default settings. The 2-lane car following model with default parameters was used in the model. Given the inclusion of the M4 in the model, it was considered necessary to use the two-lane car following model so that lane-based behaviour can be more accurately modelled. With the two-lane car following model applied, vehicles travelling on the M4 will consider vehicles in adjacent lanes (such as those overtaking) as well as vehicles travelling in front of them, thus simulating on-street behaviour.

The lane changing model is a decision process and the factors of the model include percentage overtake (percentage of the desired speed of a vehicle below which the vehicle may decide to overtake), percentage recover (percentage of the desired speed of a vehicle above which a vehicle may decide to get back into the slower lane) and distance zone factor (the variability in the look ahead distances described in section 4.2.4). In the model, none of the values were changed from these default settings, which are shown in Table 2.



Table 2: Car Following and Lane Changing Parameters

Parameter	Value
Percentage Overtake	90%
Percentage Recover	95%
Distance Zone Factor	0.8 minimum to 1.2 maximum
Number of Vehicles	4
Maximum Distance	100.0m
Maximum Speed Difference	50.00km/h
Maximum Speed Difference On-Ramp	70.00km/h
Speed Difference Setting	Relative

4.3.2 Section Characteristics

There are several section characteristics that can be calibrated in the Aimsun model as follows:

- **Section Maximum Speed:** This gives the maximum speed that vehicles travel on the section, although the maximum speed for each vehicle will vary (higher or lower) depending on speed limit acceptance characteristic of the drivers. The section maximum speed in the model has generally been set to equal to the signed speed limit.
- **Yellow Box Behaviour:** The yellow box behaviour parameter prohibits a vehicle from entering the junction area (which is designated as a yellow box) should the preceding vehicle leaving be travelling at a speed lower than 15km/h or if there is no space in the next road section to exit the turn. This facility can be used to model yellow boxes that are marked on-street. However, it is also used to simulate the effect of slow-moving traffic on the main road allowing traffic to emerge from minor side roads, to avoid gridlock which often occurs in many microsimulation models, and to adjust the relative capacity of approaches. The yellow box behaviour parameter can either be set to “yes” or “no” and this has been reviewed at a turn level as part of the model calibration.
- **Stop lines:** Stop lines are placed on turns to identify the location on the turn at which vehicles stop at a junction (rather than at the end of a section). These have been used in the model to ensure that vehicles wait in the correct position, particularly at roundabouts and priority junctions. Stop lines can also be expanded to show the area on a turn where vehicles do not apply yellow box rules. These have also been used throughout the model to ensure that vehicles use the appropriate road space when queueing, whilst minimising any propensity for the model to gridlock.
- **Lane Changing Cooperation:** This parameter considers the percentage of upstream vehicles that try to create a gap for a vehicle that tries to change lanes. The default value of 80% has generally been assumed in the model and specific changes to these values are set out in section 4.4.

4.3.3 Give-Way Model Parameters

- **Visibility to give way:** This is distance from the end of the link where vehicles begin to apply the gap acceptance model and is used to calibrate the capacity of priority junctions and has initially been set by road type. The default values, by road type, are shown in Table 3 and specific changes to these values are set out in section 4.4.
- **Visibility along main stream:** This is the distance along the major road within which vehicles travelling on the main road are taken into account in the gap acceptance model and has been set by road type. The default values, by road type, are shown in Table 3 and specific changes to these values are set out in section 4.4.
- **Initial and final safety margin and initial and final give-way time factor:** In the give-way model, minor road vehicles will emerge into the major road if there is a large enough gap to avoid a collision. The initial and final safety margins add an additional element of safety in the algorithm. This safety margin reduces over time from the initial to final safety margin to reflect the increased likelihood of a driver accepting a smaller gap the longer they have to wait. The length of time before the safety margin starts to reduce and length of time over which the safety margin in reduced depends on the give way time parameter, which varies for different vehicles. The initial and final give-way time factors can be adjusted to vary these lengths. The default values, by road type, are shown in Table 3 for the road types included in the model. Specific changes to these values are set out in section 4.4.

Table 3: Give Way Parameters

Road Type	Visibility to Give Way (m)	Visibility along main stream (m)	Initial Safety Margin (s)	Final Safety Margin (s)	Initial Give-way Factor	Final Give-way Factor
Motorway	50.0	130.0	3.0	1.0	1.0	2.0
Primary	30.0	60.0	3.0	1.0	1.0	2.0
Residential	30.0	60.0	3.0	1.0	1.0	2.0
Tertiary	30.0	60.0	3.0	1.0	1.0	2.0
Unclassified	25.0	60.0	3.0	1.0	1.0	2.0
Service	30.0	60.0	3.0	1.0	1.0	2.0

Specific changes have been made at turn level to further calibrate the give-way behaviour.

4.3.4 Turning Characteristics

- **Turning Speed:** This is the maximum speed a vehicle will travel when making the turn, although the speed will vary (higher or lower) depending on the speed limit acceptance characteristic of the drivers. A vehicle driving through a section will start to decelerate while approaching the turn in order to reach its turning speed at the end of the section. The turning speed is maintained during the turn and, when entering the next section, the vehicle will start to accelerate again according to its desired speed for that section. The turning speeds in the model have been automatically calculated by Aimsun based on the geometry of the turn. The automatically calculated speeds have been reviewed to ensure they are appropriate.
- **Look Ahead Distance:** The lane changing model considers the look ahead distance and critical look ahead distance. In the look ahead distance zone, lane-changing decisions are mainly governed by the traffic conditions of the lanes involved and the next desired turning movement is not considered. In the critical look ahead distance zone, it is the desired turning movement that affects the lane-changing decision. Vehicles not driving in the correct lane for the next turn tend to move towards the correct lane. Vehicles looking for a gap may try to adapt to it, but do not affect the behaviour of vehicles in the adjacent lanes. In the critical look ahead distance, vehicles are forced to reach the correct lane, reducing speed if necessary, and even coming to a complete stop in order to make the lane change possible. Also, vehicles in the adjacent lane can modify their behaviour in order to provide a gap big enough for the vehicle to change lanes. The distance parameters have been reviewed in order to obtain realistic lane-changing behaviour and lane usage in the model. The distance zones by road type are set out in Table 4 and specific changes to these values are set out in section 4.4.

Table 4: Distance Zones by Road Type

Parameter	Look Ahead Distance	Critical Look Ahead Distance
Motorway	2000.0m	500.0m
Primary	300.0m	40.0m
Residential	350.0m	50.0m
Tertiary	300.0m	40.0m
Unclassified	400.0m	200.0m
Service	300.0m	40.0m

Specific changes have been made at turn level to further calibrate the give-way behaviour.

4.3.5 Vehicle Characteristics

There are several vehicle characteristics specified in the model. The mean, standard deviation, maximum and minimum values, as well as types and limits of distribution are carefully defined. The vehicle characteristics include vehicle properties and driver characteristics. Length, Width, Clearance, Maximum Give Way Time, and Maximum Speed have been maintained at the default Aimsun values for cars, LGVs and buses, respectively.

- **Maximum Speed:** This is the maximum speed, in km/h, for this type of vehicle when not otherwise constrained by section speed limits. For example, a 'car' vehicle type with a maximum desired speed of 110 km/h, a deviation of 10 km/h, a maximum value of 150 km/h and a minimum value of 80 km/h could be defined. Car speeds would be sampled from a Normal (110,10) distribution in a microscopic or mesoscopic simulation. The HGV maximum speed has been reduced to 96kph in line with the legal limit.
- **Speed Acceptance:** This parameter controls the degree of acceptance of speed limits. When is greater than 1 means that the vehicle will take as maximum speed for a section a value greater than the speed limit, while when is lower than 1 means that the vehicle will use a lower speed limit. The Aimsun default average values are slightly high for the network based upon observed journey time data. Therefore, the mean for car and LGV drivers has been reduced to 1.0 from the default value of 1.10, whilst the minimum has been reduced to 0.8 from 0.9 and the maximum to 1.2 from 1.3. This represents more realistic driver behaviour particularly on the motorway and A48 based on observed journey times. The other vehicle class averages and all other parameters concerning the speed acceptance have been maintained at the default levels.
- **Maximum Acceleration Rates:** The default mean maximum acceleration rates in Aimsun, as shown in **Error! Reference source not found.** overleaf, are generally too high for the UK for cars and too low for buses and HGVs. Revised maximum acceleration parameters based on research[3] have therefore been used and these are set out in **Error! Reference source not found.**, overleaf. Further validation of these revised maximum acceleration rates have been undertaken by Stantec and this is presented in Graph 1. This compares the Aimsun default and Aimsun adjusted mean maximum acceleration rates for cars accelerating from zero to 30mph to observations derived from GPS acceleration profiles and confirms that the revised acceleration rates result in realistic acceleration profiles, except at very low speeds. The section characteristic Acceleration Factor has been used to compensate for the low acceleration at very slow speeds in the model where modelled saturation flows do not match those observed.

[3] Zallinger, M., Tate, J., and Hausberger, S. 2008. An instantaneous emission model for the passenger car fleet. Transport and Air Pollution conference, Graz 2008

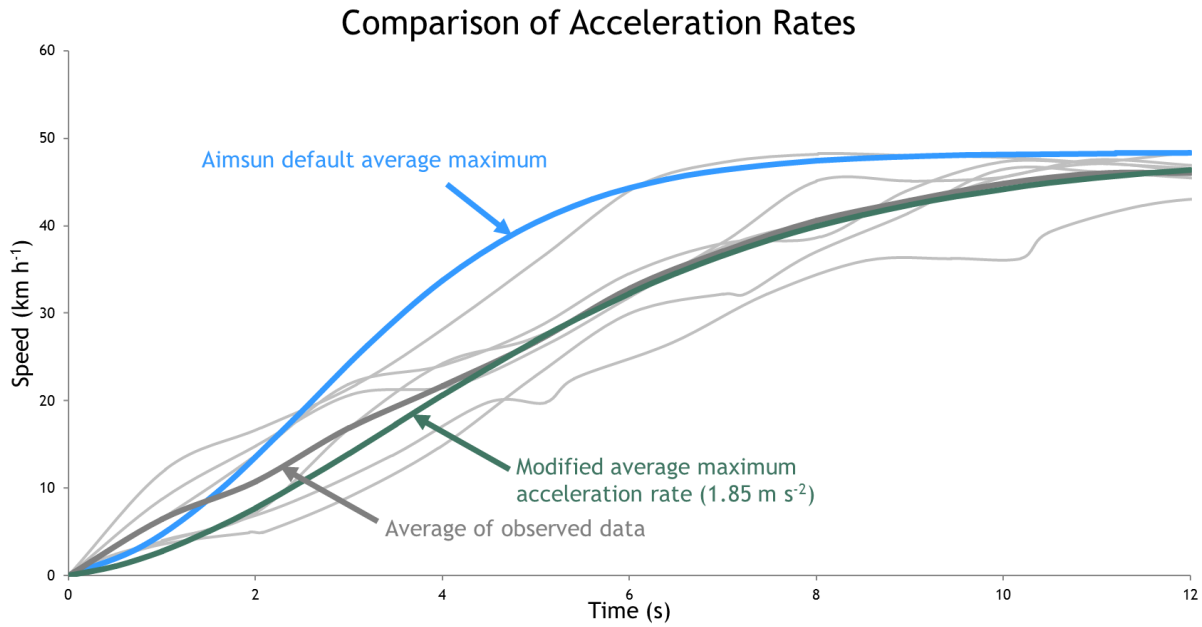
Table 5: Default Maximum Acceleration Rates (m s^2)

Vehicle Type	Mean	Standard Deviation	Minimum	Maximum
Car	3.0	0.2	2.6	3.4
HGV	1.0	0.5	0.6	4.8
LGV	None provided in the default Aimsun template			
Bus	1.0	0.3	0.8	1.8

Table 6: Adjusted Maximum Acceleration Rates (m s^2)

Vehicle Type	Mean	Standard Deviation	Minimum	Maximum
Car	1.85	0.43	1.35	2.75
HGV	1.25	0.5	0.75	1.75
LGV	1.85	0.50	1.15	2.15
Bus	1.50	0.5	1.00	2.00

Graph 1: Comparison of Acceleration Rates



The Car-following model parameters can be used to ensure vehicles leave a realistic distance to the car in front:

- **Sensitivity Factor:** In the deceleration component of the car-following model, the follower makes an estimation of the deceleration of the leader using the sensitivity factor. This is increased to 1.02 from the default 1.00, meaning the follower is cautious, anticipating further deceleration until the leader increases speed or ceases to be an obstacle. This results in vehicles having larger headways and was necessary to replicate realistic queuing behaviour.
- **Clearance Lengths:** The clearance length is defined as the distance (in metres) that a vehicle keeps been itself and the preceding vehicle when stopped. This parameter has been adjusted in order to better replicate observed levels of queueing and congestion across the model area. The values used are presented in Table 7, below.

Table 7: Clearance Lengths

Vehicle Type	Mean	Standard Deviation	Minimum	Maximum
Car	1.5	0.3	0.5	2.0
HGV	2.0	0.5	1..0	2.5
LGV	1.5	0.3	0.5	2.0

4.3.6 Simulation Step and Reaction Time

The reaction time is a global parameter which defines the time it takes a driver to react to changes in speed of the preceding vehicle, and this will influence the capacity at signal-controlled junctions (where present). The parameter can be either fixed (for all vehicle types) or variable (a discrete probability function is defined for each vehicle type). The default reaction time has been used. The reaction time at stop (which determines how quickly a vehicle reacts from a complete stop) and reaction time at traffic light (which determines how quickly the vehicle at the head of the queue at a traffic signal reacts to the changing signals) are also global parameters which can be varied. The reaction time parameters set for each time period in the model are shown in Table 8.

Table 8: Simulation Step and Reaction Time

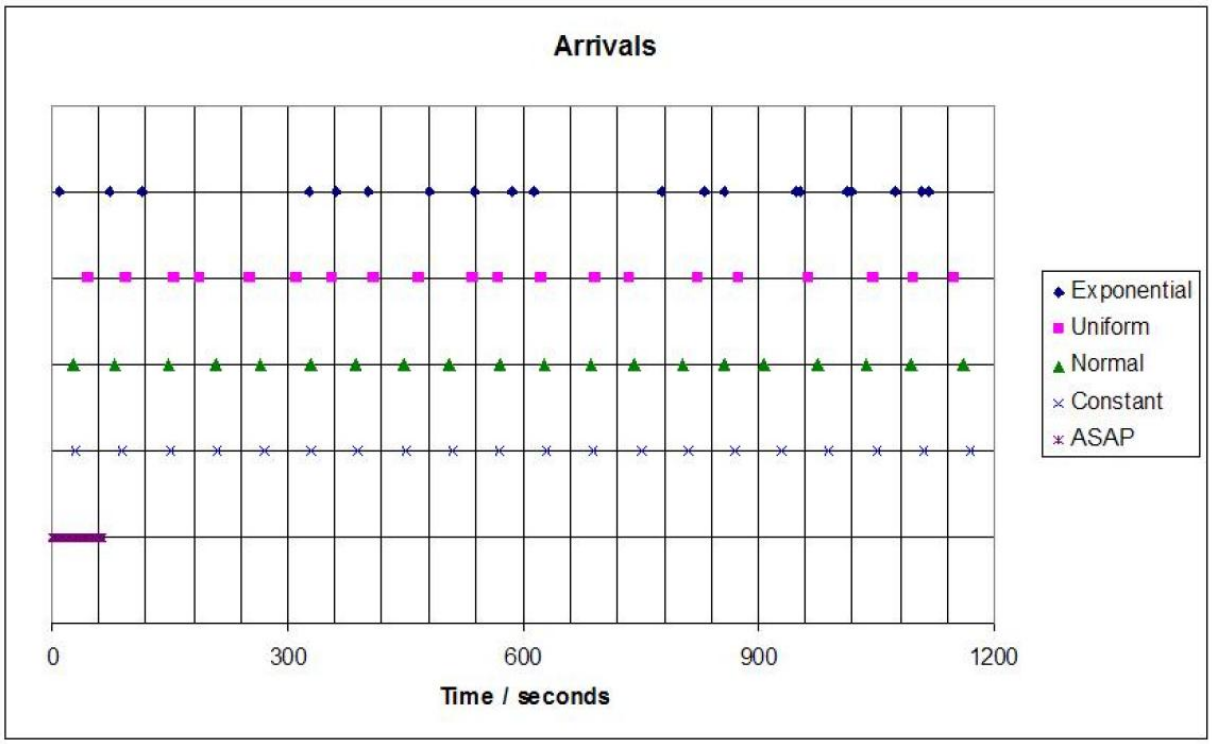
Parameter	Value (s)
Simulation Step / Reaction Time	0.8
Reaction Time at Stop	1.2
Reaction Time at Traffic Light	1.6

4.3.7 Trip Generation

When loading a traffic demand into the simulation model a number of different models can be used to determine the headway between two consecutive vehicle arrivals. Five types of traffic generation are available in Aimsun: exponential uniform, normal, constant and ASAP.

Diagram 1 illustrates the trip generation profile for each type of distribution. Clearly, the ASAP distribution is not appropriate for this model and was therefore discounted. Sensitivity testing of the other distributions was undertaken to determine which best reflected reality. The constant and normal distributions do not result in any significant variation in headway. However, it was found that the exponential distribution gave the most realistic results, as it provides some variation in headway on entry arms of the model. This distribution has therefore been used in the model.

Diagram 1: Trip Generation



4.4 Specific Changes

In calibrating traffic flows and vehicle behaviour in the Aimsun model, several specific changes have been made at both a section and turn level. These changes are set out in Table 9

Table 9: Site Specific Parameter Changes

Location and ID	Parameter	Default Value	Calibrated Value	Reason
A48 / Pant Lasau Rd mini Roundabout (Turn: 30409)	Visibility Along Main Stream	60.0m	30.0m	To accurately represent observed level of queueing
	Initial Safety Margin	3.0s	1.5s	
	Final Safety Margin	1.0s	0.5s	
Motorway slip roads (All Sections)	Lane Changing Cooperation	80%	100%	To ensure realistic vehicle behaviour for merging onto the motorway
	Side Lane Merging Distance	'default'	500	
	Detailed Speeds	default	Variable	Use of detailed speeds on the slip roads to simulate drivers slowing down and speeding up
M4 J47 Penllergaer Interchange (All Turns)	Look Ahead Distance	300m	500m	To ensure realistic vehicle behaviour on approach to roundabouts in line with likely distance to roundabout accounted for in driver decision for lane usage
	Critical Look-Ahead Distance	40m	150m	
A48 exit onto M4 J47	Final Safety Gap	3	2	Use of detailed speeds on the slip roads to simulate drivers slowing down as observed in the journey time data
	Detailed Speeds	default	Variable	
M4 J46	Look Ahead Distance	300m	500m	To ensure realistic vehicle behaviour on approach to roundabouts in line with likely distance to roundabout accounted for in driver decision for lane usage
	Critical Look-Ahead Distance	40m	150m	

5 Model Calibration Results

5.1 Introduction

This section sets out details of the data used to calibrate the model and the results of the model calibration exercise.

5.2 Model Calibration Data

The data used to calibrate the model is set out in the follow sections.

5.3 Traffic Survey Data

5.3.1 Classified Turning Counts (CTCs)

Classified turning count (CTC) surveys were undertaken on Tuesday 5 March at key locations within the extent of the study area, these are provided at Appendix C. The CTC data has been disaggregated into fifteen-minute intervals across the full survey period. All traffic count data is classified by vehicle type. Full copies of the traffic survey data used in the development of the Aimsun model can be provided on request. The location of the CTC surveys is illustrated on Figure 2 and include the following junctions:

- Junction 1: Penllergaer Business Park internal roundabout
- Junction 3: A48 / Penllergaer Business Park roundabout
- Junction 4: A48 / Penllergare Valley Woods access junction
- Junction 5: A48 / Bryntywod junction
- Junction 6: M4 Junction 46
- Junction 7: M4 Junction 47
- Junction 8: A48 / A4240 Gorseinon / Swansea Road roundabout
- Junction 9: A48 Clasemont Road / Pant Lasau Road junction

Figure 2: Traffic Survey Locations



5.3.2 DfT Traffic Count

Traffic data was taken from DfT traffic count 503 located on the M4 between junctions 46 and 47. The traffic data was collected in 2023 is provided as hourly rates and classified by vehicle type.

5.4 Calibrated Traffic Flows

Modelled traffic flows have been compared to observed section and turn traffic flows in the calibration dataset to assist in the calibration of the demand matrices. TAG sets out acceptability guidelines for the calibration of section flows and turning movements and these are summarised in Table 10.

Table 10: TAG Section and Turning Flow Calibration Criteria and Acceptability Guidelines

Criteria	Description	Acceptability Guideline
1	Individual flows within 100 veh/h of counts for flows less than 700 veh/h	> 85% of cases
	Individual flows within 15% of counts for flows from 700 to 2,700 veh/h	
	Individual flows within 400 veh/h of counts for flows more than 2,700 veh/h	
2	GEH < 5 for individual flows	

In accordance with TAG guidance, any links or turning movements that meet both of the criteria are considered to be acceptable.

5.5 Calibration Results

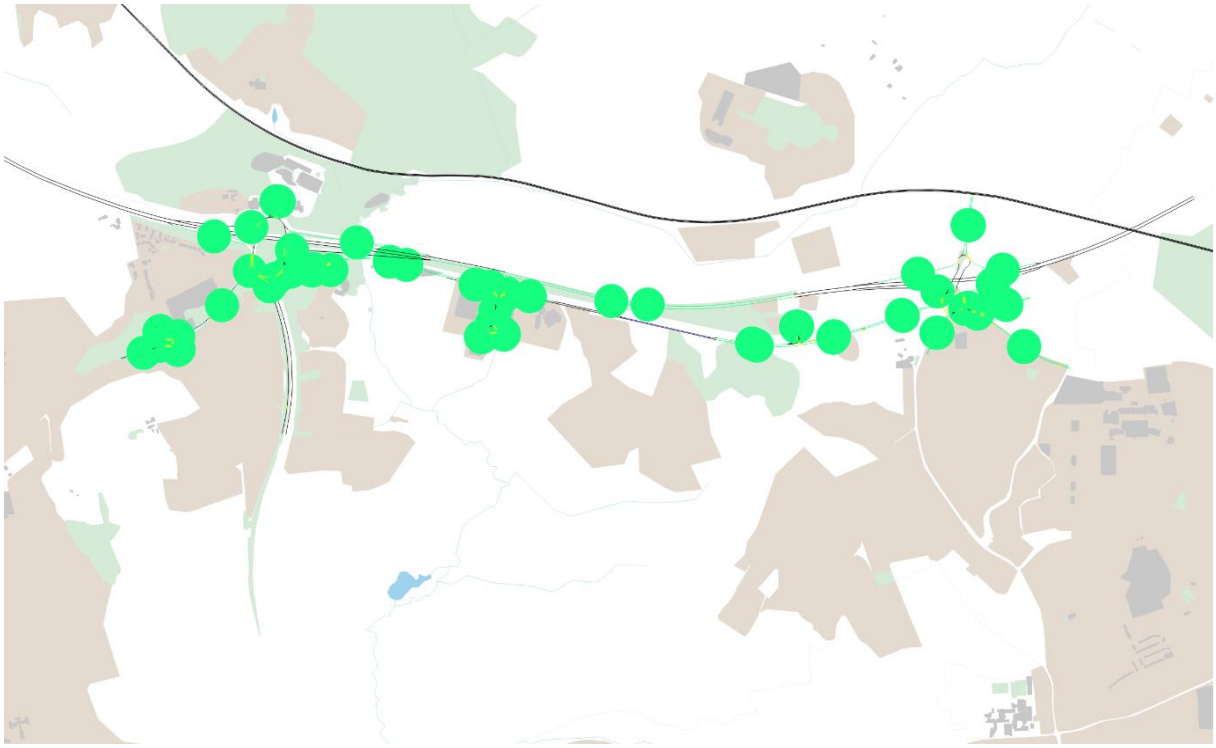
The results of the traffic flow calibration exercise for all section and turning movements included in the 2025 observed dataset is presented in Table 11. The analysis shows that the traffic flows within the model are represented to a high level of accuracy, with all section and turning flows (including supernode turns) being replicated within the acceptability guidelines set out in TAG. Detailed calibration section and turn statistics are provided at Appendix A.

Additionally, the results are shown spatially on Screenshot 2 to Screenshot 7 for the total peak periods. Green represents a GEH statistic of less than 5, orange represents a GEH statistic between 5 and 10 and red represents a GEH statistic greater than 10.

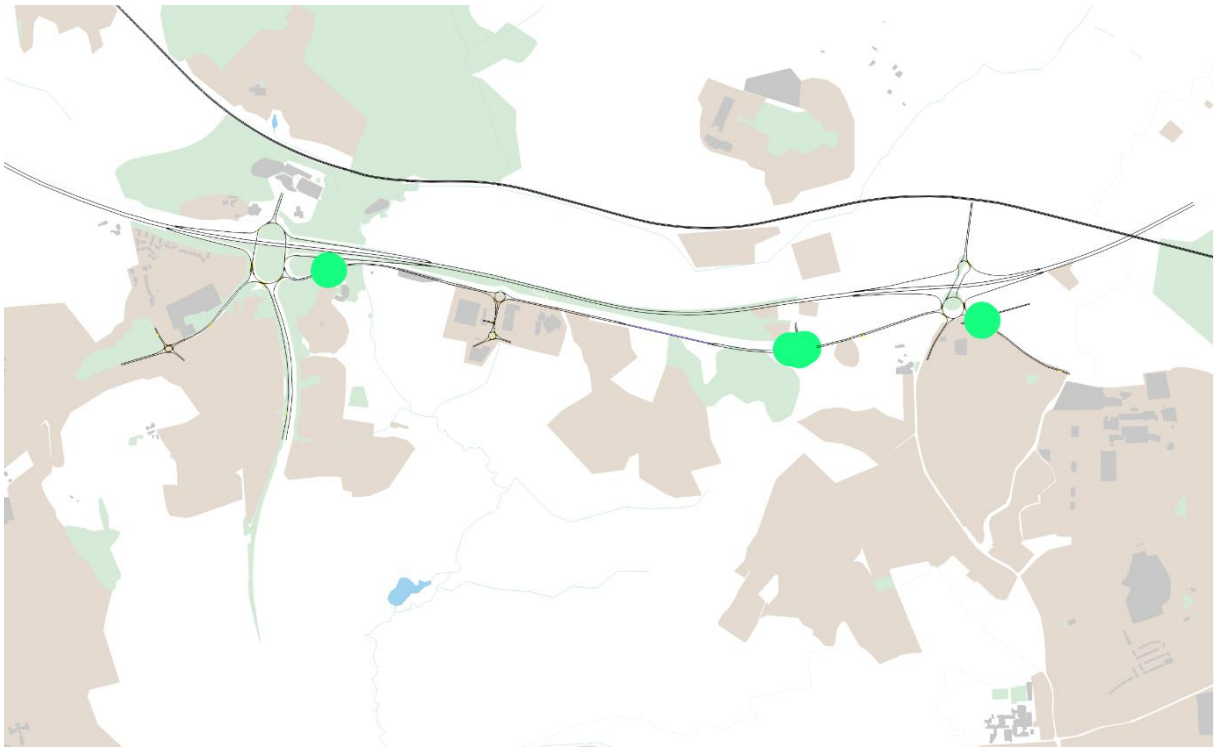
Table 11: Traffic Flow Calibration Summary

Time Period	Criteria 1	Criteria 2			
	Percentage of Sections with GEH < 5	Percentage of Sections with Flow < 700 vph modelled within 100 vph	Percentage of Sections with Flow between 700 and 2,700 vph modelled within 15%	Percentage of Sections with Flow >2,700 vph modelled within 400 vph	Percentage of Sections and Turns Meeting both Criteria
Sections					
07:00 – 08:00	100.0%	100.0%	100.0%	100.0%	100.0%
08:00 – 09:00	100.0%	100.0%	100.0%	100.0%	100.0%
09:00 – 10:00	100.0%	100.0%	100.0%	-	100.0%
07:00 – 10:00	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**
15:00 – 16:00	100.0%	100.0%	100.0%	-	100.0%
16:00 – 17:00	100.0%	100.0%	100.0%	100.0%	100.0%
17:00 – 18:00	100.0%	100.0%	100.0%	100.0%	100.0%
18:00 – 19:00	100.0%	100.0%	-	100.0%	100.0%
15:00 – 19:00	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**
Turns and Supernodes					
07:00 – 08:00	100.0%	100.0%	100.0%	-	100.0%
08:00 – 09:00	100.0%	100.0%	100.0%	-	100.0%
09:00 – 10:00	100.0%	100.0%	100.0%	-	100.0%
07:00 – 10:00	**100.0%**	**100.0%**	**100.0%**	-	**100.0%**
15:00 – 16:00	100.0%	100.0%	-	-	100.0%
16:00 – 17:00	100.0%	100.0%	100.0%	-	100.0%
17:00 – 18:00	100.0%	100.0%	100.0%	-	100.0%
18:00 – 19:00	99.2%	100.0%	-	-	100.0%
15:00 – 19:00	**100.0%**	**100.0%**	**100.0%**	-	**100.0%**

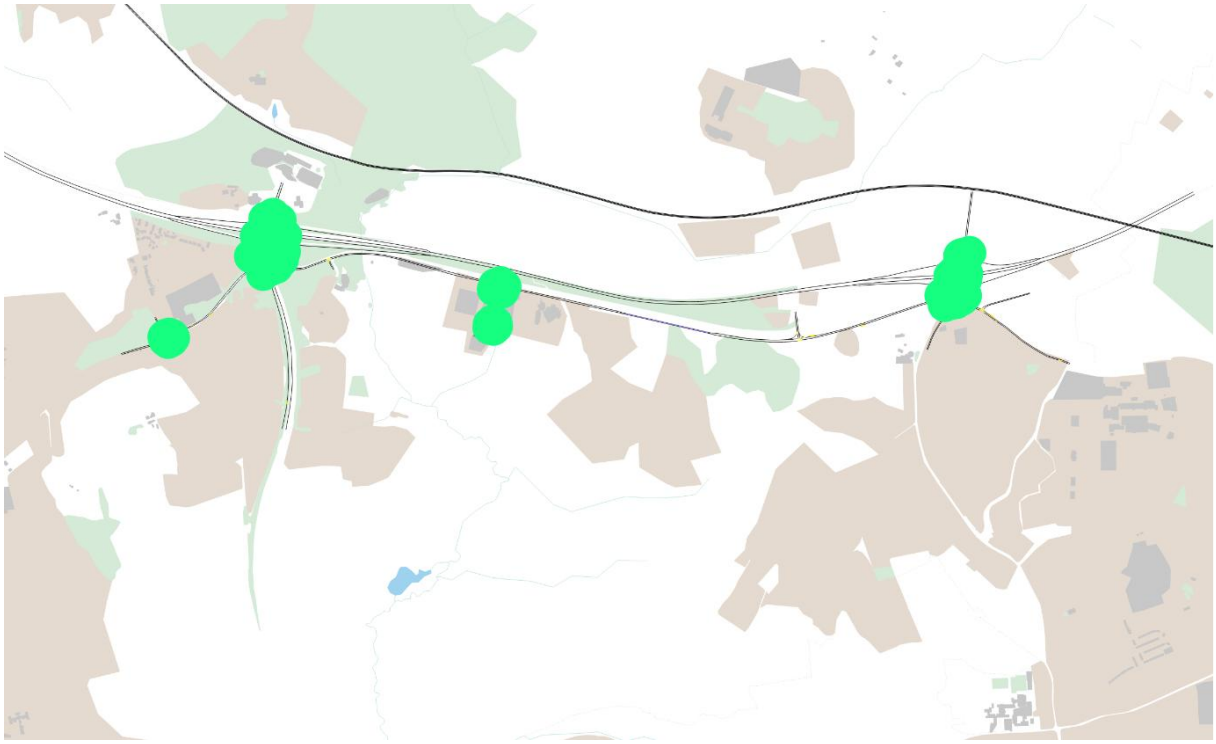
Screenshot 2: GEH Statistics | Sections | AM Peak (07:00 to 10:00)



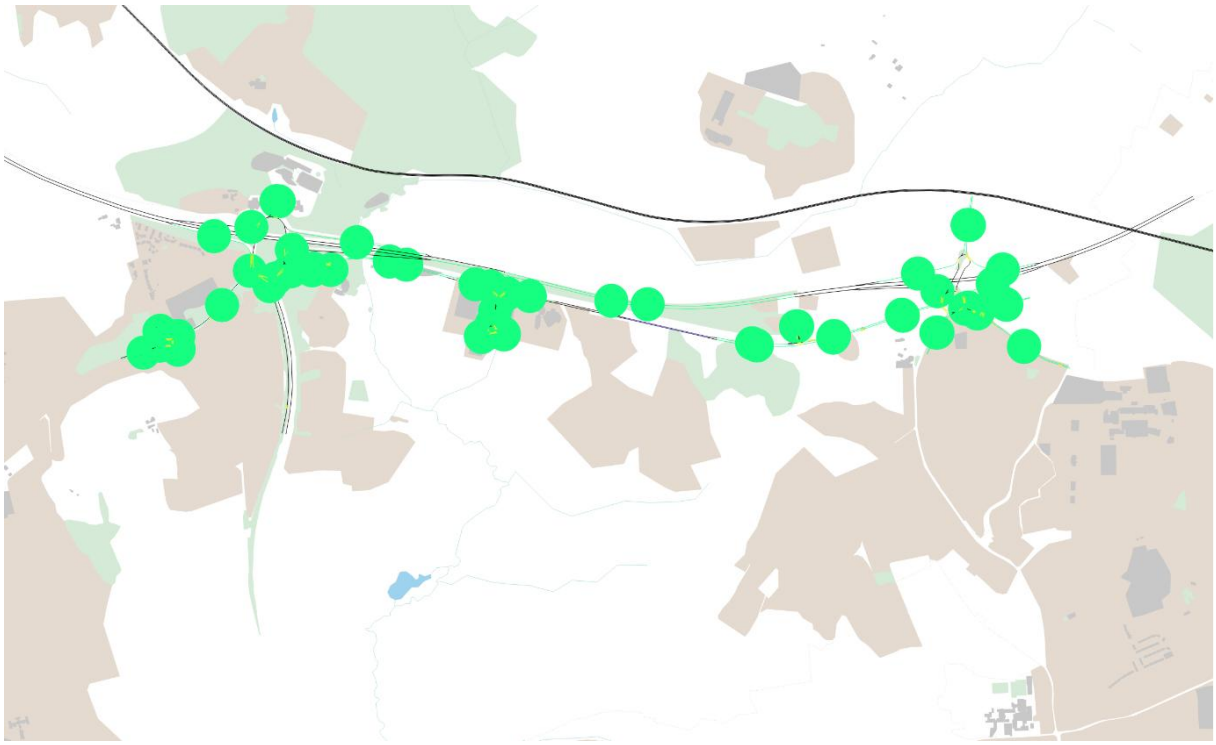
Screenshot 3: GEH Statistics | Turns | AM Peak (07:00 to 10:00)



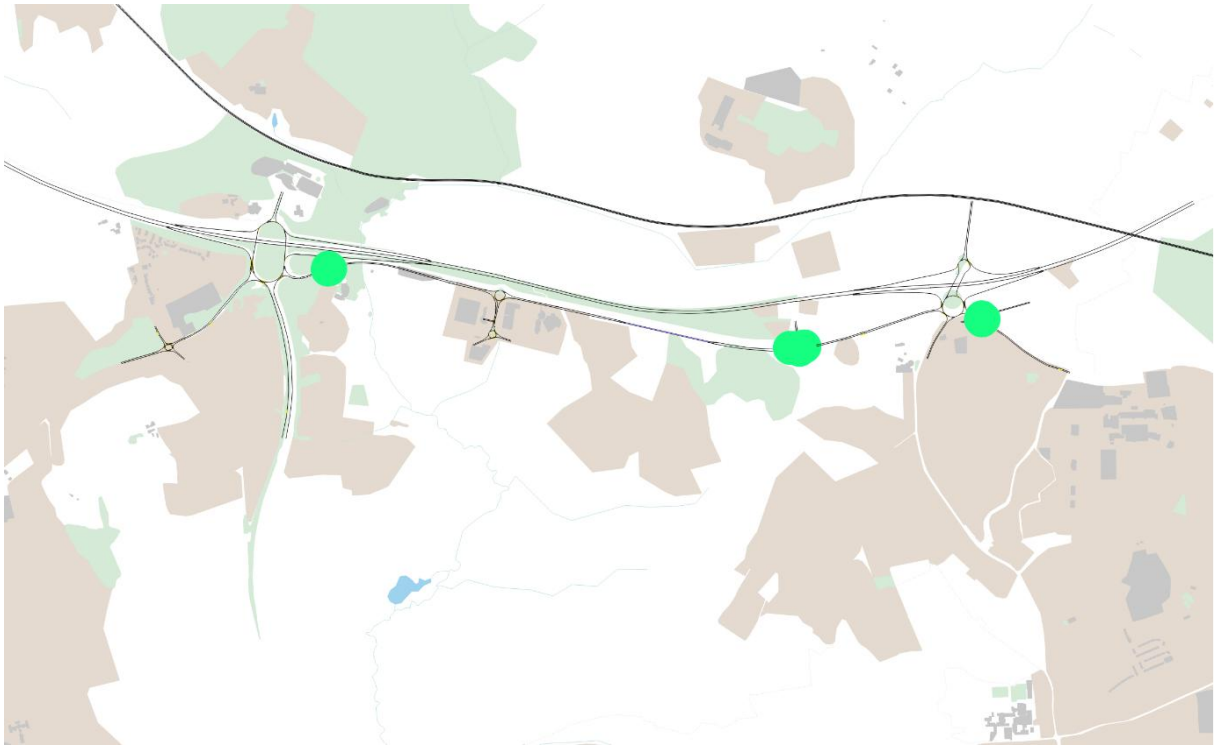
Screenshot 4: GEH Statistics | Supernode Trajectories | AM Peak (07:00 to 10:00)



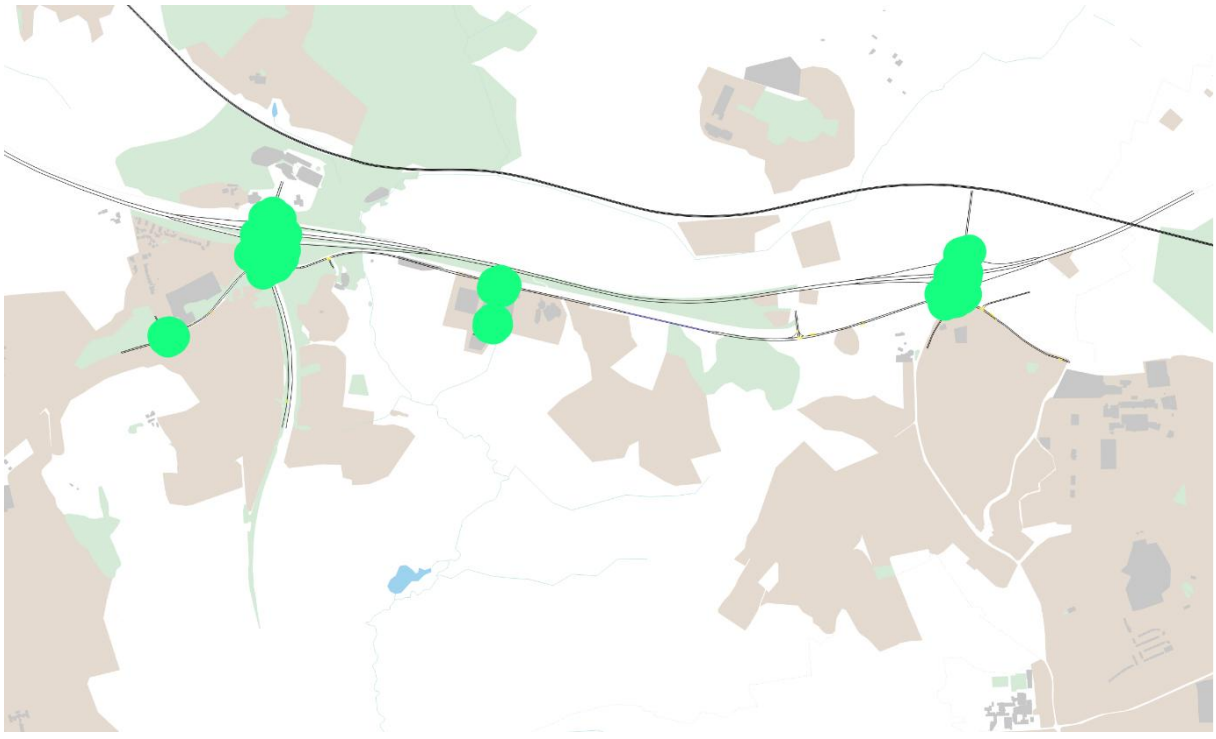
Screenshot 5: GEH Statistics | Sections | PM Peak (15:00 to 19:00)



Screenshot 6: GEH Statistics | Turns | PM Peak (15:00 to 19:00)



Screenshot 7: GEH Statistics | Supernode Trajectories | PM Peak (15:00 to 19:00)



5.6 Regression Analysis

As well as considering the GEH statistic, DMRB recommends the use of regression analysis to compare how well the observed and modelled data are correlated. The regression analysis calculates the correlation coefficient (R), which can be used to measure the goodness of model fit. A correlation coefficient of 1.0 would denote a perfect fit and DMRB advises that the correlation coefficient should be greater than 0.95.

Appendix A illustrates the calibration regression lines for all section and turning movements included in the observed dataset and Table 12 shows that the calibration sections and turns have a correlation co-efficient that is well within the DMRB guidance.

Table 12: Traffic Flow Correlation Coefficients

Time Period	Correlation Coefficient, R	
	Sections	Turns
07:00 – 08:00	0.9989	0.9960
08:00 – 09:00	0.9989	0.9968
09:00 – 10:00	0.9986	0.9963
15:00 – 16:00	0.9995	0.9980
16:00 – 17:00	0.9993	0.9977
17:00 – 18:00	0.9994	0.9983
18:00 – 19:00	0.9984	0.9961

Note: All values rounded to four decimal places.

6 Model Validation Results

6.1 Introduction

This section sets out details of the data used to validate the model, and the results of the model validate exercise.

6.2 Model Validation Data

The data used to validate the model is set out in the follow sections. It should be noted that the primary level of validation is journey time validation. Whilst queue lengths have also been considered, TAG states that although analysis of modelled queue lengths should form part of the model calibration process, this cannot be considered as a strict and quantified criterion. For this reason, a comparison of the model against longer-term journey time data is considered to be more appropriate.

6.2.1 Journey Time Data

Journey time data has been provided by The Floow from anonymous aggregated telematics data. Observed journey times have been extracted from this dataset for the period January 2024 to December 2024.

6.2.2 Queue Length Data

Queue length data at five-minute intervals has been collected at the following junctions:

- Junction 4: A48 / Penllergare Valley Woods access junction
- Junction 6: M4 Junction 46
- Junction 7: M4 Junction 47
- Junction 8: A48 / A4240 Gorseinon / Swansea Road roundabout
- Junction 9: A48 Clasemont Road / Pant Lasau Road junction

The queue length surveys were undertaken based on the specification set out in Table 13.

Table 13: Queue Length Specification

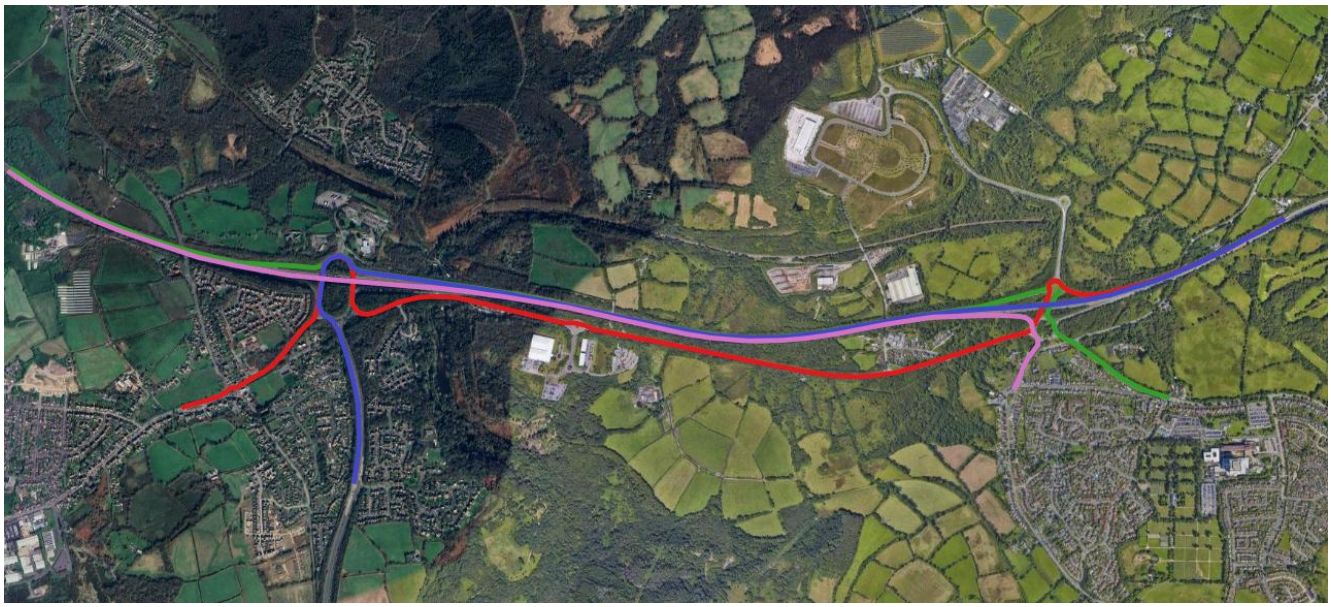
Type	Maximum queue length survey by approach and lane
Date	Tuesday 5 March 2025
Analysis Period	07:00 to 19:00
Interval	5 minutes

6.3 Journey Time Validation

A total of 8 journey time routes have been defined and agreed with Swansea Council that cover key routes and junctions within the study area. The journey time routes are presented on Figure 3 and set out as follows:

- Route 1A - M4 west to A48 east (via M4)
- Route 1B - A48 west to M4 east (via M4)
- Route 2A - A4240 Gorseinon Road to M4 east (via A48)
- Route 2B - M4 east to A4240 Gorseinon Road (via A48)
- Route 3A - A483 to M4 east (via M4)
- Route 3B - A4 east to A483 (via M4)
- Route 4A - B4489 Swansea Road to M4 west (via M4)
- Route 4B - M4 west to B4489 Swansea Road (via M4)

Figure 3: Journey Time Routes



TAG requires that journey times across 85% of routes are modelled within 15% and within 60s of the observed journey times. Observed and modelled journey times are compared in Table 14 which show that the model accurately reproduces observed journey times between these periods, all of which are modelled within the criteria set out in TAG.

In addition to the above, cumulative time-distance graphs of the observed and modelled journey time data have also been plotted. These are presented at Appendix B and show that the modelled journey times are a good representation of the observed journey times along the whole length of the route.

Table 14: Journey Time Validation Results | AM Peak

Route	Observed Journey Time (mm:ss)	Modelled Journey Time (mm:ss)	Absolute Difference (mm:ss)	Relative Difference (%)	Validates?
AM Peak Period					
Route 1A - M4 west to A48 east (via M4)	04:50	04:19	-00:31	-10.7%	Yes
Route 1B - A48 west to M4 east (via M4)	03:50	04:09	00:19	8.3%	Yes
Route 2A - A4240 Gorseinon Road to M4 east (via A48)	07:47	07:53	00:06	1.4%	Yes
Route 2B - M4 east to A4240 Gorseinon Road (via A48)	06:49	06:27	-00:22	-5.3%	Yes
Route 3A - A483 to M4 east (via M4)	04:58	05:12	00:14	4.7%	Yes
Route 3B - A4 east to A483 (via M4)	04:53	04:55	00:02	0.6%	Yes
Route 4A - B4489 Swansea Road to M4 west (via M4)	03:27	03:28	00:01	0.5%	Yes
Route 4B - M4 west to B4489 Swansea Road (via M4)	04:38	03:58	-00:40	-14.5%	Yes
Percentage of routes meeting validation criteria:					**100%**
PM Peak Period					
Route 1A - M4 west to A48 east (via M4)	04:40	04:06	-00:34	-12.0%	Yes
Route 1B - A48 west to M4 east (via M4)	04:43	04:26	-00:17	-5.9%	Yes
Route 2A - A4240 Gorseinon Road to M4 east (via A48)	08:11	07:30	-00:41	-8.4%	Yes
Route 2B - M4 east to A4240 Gorseinon Road (via A48)	08:03	07:16	-00:47	-9.7%	Yes
Route 3A - A483 to M4 east (via M4)	05:27	04:39	-00:48	-14.6%	Yes
Route 3B - A4 east to A483 (via M4)	04:51	04:45	-00:06	-2.0%	Yes
Route 4A - B4489 Swansea Road to M4 west (via M4)	03:45	03:58	00:13	5.9%	Yes
Route 4B - M4 west to B4489 Swansea Road (via M4)	04:26	03:47	-00:39	-14.6%	Yes
Percentage of routes meeting validation criteria:					**100%**

6.4 Queue Length Validation

Queue lengths at each junction have been validated using the queue length data collected on the same day as the CTC surveys. Whilst there is no explicit guidance set out in TAG relating to queue length validation, the following methodology has been adopted:

- Queue lengths have been validated for each hour.
- Queue lengths have been validated by lane.
- Queue lengths have been validated in line with the observed maximum queues.
- Queue lengths have been validated by lane by comparing the maximum observed queue to the simulated maximum queue.

It should be noted that there are systematic differences between the definition of a queue in both the observed and simulated datasets. As a result, maximum queues extracted from the Aimsun model are not directly comparable to the observed dataset, and vice versa. In the Aimsun model, a queuing vehicle is defined as follows:

- A vehicle enters a queue when it travels below 1.0 m/s.
- A vehicle exits a queue when it travels above 4.0 m/s.
- A vehicle is within a queue when it is travelling between 1.0m - 4.0 m/s.

In addition, observed queues recorded from video footage are more subjective in nature as these are based on the judgement of the survey team. For this reason, the queue length validation exercise should be considered in the context of the wider calibration / validation of the network and should be used to determine whether queueing in the model is generally well represented in terms of the overall volume of queues and the queue profile over time.

The queue length validation exercise is presented in Table 15 to Table 18, which demonstrates that:

- Maximum queues generally fall very close to observed maximum queues across all of the lanes assessed. This demonstrates that the volume of queueing vehicles in each approach lane is consistent with the observed queue length data.
- In some cases, it has been necessary to achieve a balance between the level of queueing recorded in the one-day surveys and the average approach journey times derived from the journey time data, meaning that in some cases modelled maximum queues are slightly higher than the observed data. In these cases, it is important to consider both validation datasets.
- The queue profile is well represented, with queues increasing and discharging at the same rate as the observed data. This demonstrates that modelled queues are simulated to occur at the same time interval as the observed data and that modelled queues are of a consistent magnitude.

Table 15: M4 Junction 46 Queue Statistics (veh) – AM Peak Period

Time	Statistic	B4489 North		M4 Westbound Off-slip		A48 East		B4489 South		A48 West		M4 Eastbound Off-slip		A48 Internal Southbound	
		Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2
0700 - 0800	Observed Min	0	0	3	0	0	0	3	0	0	1	0	1	0	0
	Observed Max	2	2	11	6	2	8	15	1	4	16	1	22	5	2
	Modelled Max	2	1	15	7	3	2	11	0	1	7	1	7	5	2
0800 - 0900	Observed Min	0	0	5	1	0	0	4	0	0	2	0	1	0	0
	Observed Max	3	3	12	6	4	4	15	3	3	6	2	20	5	1
	Modelled Max	1	2	19	8	3	2	11	0	1	8	1	7	8	2
0900 - 1000	Observed Min	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Observed Max	3	2	5	2	5	3	9	1	2	4	1	5	2	2
	Modelled Max	2	2	3	3	2	1	5	0	1	4	0	3	3	2

Table 16: M4 Junction 46 Queue Statistics (veh) – PM Peak Period

Time	Statistic	B4489 North		M4 Westbound Off-slip		A48 East		B4489 South		A48 West		M4 Eastbound Off-slip		A48 Internal Southbound	
		Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2
1500 - 1600	Observed Min	0	0	0	0	0	3	5	0	0	1	0	2	0	0
	Observed Max	4	6	8	2	3	11	16	3	2	5	1	6	3	4
	Modelled Max	2	2	3	3	4	3	22	0	1	4	1	5	3	1
1600 - 1700	Observed Min	0	1	1	0	1	1	2	0	0	1	0	2	0	0
	Observed Max	3	4	8	2	5	11	17	2	3	5	1	5	4	2
	Modelled Max	2	2	3	4	4	3	21	0	2	4	1	6	3	2
1700 - 1800	Observed Min	1	1	1	0	1	1	2	0	0	1	0	1	0	0
	Observed Max	2	3	11	2	3	5	15	1	2	4	1	7	2	3
	Modelled Max	2	2	3	3	4	2	8	0	1	4	1	5	3	2

1800 - 1900	Observed Min	0	0	1	0	1	0	1	0	0	0	0	1	0	0
	Observed Max	2	2	7	2	5	8	11	2	2	3	2	4	3	2
	Modelled Max	1	1	3	4	3	1	6	0	1	3	1	4	3	1

Table 17: M4 Junction 47 Queue Statistics (veh) – AM Peak Period

Time	Statistic	B4489 North		M4 Westbound Off-slip		A48 East		B4489 South		A48 West		M4 Eastbound Off-slip		A48 Internal Southbound	
		Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2
0700 - 0800	Observed Min	1	0	9	2	0	0	1	0	4	1	6	0	9	6
	Observed Max	5	6	13	12	2	4	6	2	20	10	21	4	36	24
	Modelled Max	2	3	9	19	4	4	6	1	31	32	29	12	17	26
0800 - 0900	Observed Min	2	1	11	10	0	1	2	0	7	4	4	0	8	7
	Observed Max	6	6	16	16	3	7	10	1	21	11	20	5	34	24
	Modelled Max	2	5	30	34	4	6	6	1	38	38	37	10	13	22
0900 - 1000	Observed Min	0	1	8	3	0	1	2	0	4	2	3	0	2	2
	Observed Max	4	6	13	11	3	4	6	1	10	8	13	3	9	11
	Modelled Max	2	3	28	35	5	4	5	1	14	15	14	7	10	15

Table 18: M4 Junction 47 Queue Statistics (veh) – PM Peak Period

Time	Statistic	B4489 North		M4 Westbound Off-slip		A48 East		B4489 South		A48 West		M4 Eastbound Off-slip		A48 Internal Southbound	
		Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2
1500 - 1600	Observed Min	1	1	10	5	0	2	2	0	6	5	7	0	4	6
	Observed Max	6	4	15	16	3	13	11	2	22	8	19	4	10	9
	Modelled Max	2	3	12	24	4	12	10	2	12	12	12	8	11	13
1600 - 1700	Observed Min	0	1	11	13	0	11	6	0	10	5	7	0	5	4
	Observed Max	4	6	13	17	2	13	12	2	25	11	17	4	10	10
	Modelled Max	2	3	21	39	4	18	17	1	21	22	20	7	10	12
1700 - 1800	Observed Min	1	0	12	9	0	3	2	0	21	6	9	1	3	4
	Observed Max	4	6	13	18	3	12	11	3	25	12	16	5	12	13
	Modelled Max	1	2	32	47	3	25	25	2	26	26	22	9	11	12

1800 - 1900	Observed Min	0	1	5	6	0	1	1	0	3	2	1	0	2	3
	Observed Max	2	5	12	11	2	9	11	2	26	9	15	2	10	9
	Modelled Max	1	3	13	27	4	18	20	1	10	10	8	8	12	12

6.5 Validation at Junction 47 Penllergaer Interchange

6.5.1 Saturation Flow Validation

Saturation flow validation has been undertaken at Junction 47. This was undertaken by reviewing the video footage of the CTC survey for the AM (07:00 to 10:00) and PM (15:00 to 19:00) peak hours. This has been compared to the same measurements obtained from the animated simulation of the Aimsun model during the same time periods. The methodology in obtaining the saturation flow is as follows, and follows guidance set out in TAG Unit M3.1 (Appendix C):

- Measurements have been conducted by lane whilst vehicles are discharging across the stop line in free flow conditions.
- Measurements have been undertaken when the link is saturated for an adequate period of time (>12s where possible).
- Lost time at the beginning and end of the measurement have been disregarded, as these represent a time during which vehicles are accelerating or decelerating and therefore not moving at saturation flow.
- At least ten observations/samples have been collected for each lane during each time period.
- The results of the saturation flow validation exercise are presented in Table 19 which demonstrate that the observed saturation flows are generally similar to the saturation flows output from the model.

Across all lanes in the both peak periods the modelled saturation flows are within 6% of the observed saturation flows, indicating that a broadly similar number of vehicles in the model discharge across the stop line in saturated conditions as what occurs in practice.

Table 19: Saturation Flow Validation

Lane	AM Peak Hour (PCU/h)			PM Peak Hour (PCU/h)		
	Observed	Modelled	% Diff	Observed	Modelled	% Diff
M4 Westbound Off-slip						
Lane 1	1,534	1,646	7.3%	1,861	1,712	-1.7%
Lane 2	1,712	1,683	-8.0%	1,860	1,775	-4.6%
Lane 3*	-	-	-	-	-	-
Approach	**3,246**	**3,329**	**+2.6%**	**3,721**	**3,487**	**-6.2%**
A48 South						
Lane 1*	-	-	-	-	-	-
Lane 2	1,744	1,643	-5.8%	1,800	1,755	-2.5%
Lane 3	1,800	1,778	-1.3%	1,763	1,800	2.1%
Average	**3,544**	**3,421**	**-3.8%**	**3,563**	**3,555**	**-0.2%**

**Limited number of observations recorded where link is saturated for <12s.*

7 Summary and Conclusions

7.1 Commission

Hydrock, now Stantec has been commissioned by Stoford Properties Ltd to develop a new microsimulation model covering Junctions 46 and 47 of the M4, to be used to assess the proposed distribution centre at Penllergaer, Swansea.

7.2 Model Overview

The model covers Junction 46 and Junction 47 of the M4 along with the A48 which runs parallel to the M4. The model has been developed to be representative of the year 2025 and covers the following time periods:

- AM peak period (07:00 to 10:00 hours).
- PM peak period (15:00 to 19:00 hours).

The model considers the following vehicle types:

- Cars: comprising private cars and taxis.
- Light goods vehicles (LGVs): with a gross vehicle weight of less than 3.5t.
- Heavy goods vehicles (HGVs): with a gross vehicle weight greater than 3.5t.
- Buses: comprising all public service buses.

7.3 Standards Achieved

The following standards have been achieved:

- Traffic flows at a section and turn level and origin-destination level are modelled to a high degree of accuracy compared to the calibration dataset.
- Journey times along key routes are modelled accurately and well within the criteria set out by TAG.
- Modelled maximum queues generally fall very close to observed maximum queues across all of the lanes assessed.
- Observed saturation flows at Junction 47 Penllergaer Interchange are generally similar to the saturation flows output from the model, with a similar number of vehicles in the model discharging across the stop line in saturated conditions as what occurs in practice.

7.4 Conclusion

The model has been fully calibrated and validated and accurately reflects traffic flows, journey times and queue lengths. As such, it is concluded that the model is a suitable tool to assess forthcoming development proposals. The model is also suitable for testing other schemes or proposals within the extent of the model area, should this be required.

Appendices

Appendix A

Traffic Flow Calibration

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary SECTIONS_0700-0800

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph	
Percentage of Sections meeting criteria:						100.0%	100.0%	100.0%	100.0%	100.0%
7592 (474514217)	389	368	-21	-5	1.1	Y	Y	-	-	Y
7589 (474514215)	1431	1437	6	0	0.2	Y	-	Y	-	Y
7586 (474513239)	458	438	-20	-4	0.9	Y	Y	-	-	Y
7585 (474513238)	438	455	17	4	0.8	Y	Y	-	-	Y
7442 (411021773)	564	548	-16	-3	0.7	Y	Y	-	-	Y
7440 (411021773)	1031	1032	1	0	0.0	Y	-	Y	-	Y
7437 (411021770)	630	549	-82	-13	3.4	Y	Y	-	-	Y
6631: Clasemont Road (194817304)	645	616	-29	-5	1.2	Y	Y	-	-	Y
6630: Clasemont Road (194817304)	375	366	-9	-2	0.5	Y	Y	-	-	Y
6254: Heol y Ddraig (160839153)	1	7	6	570	2.9	Y	Y	-	-	Y
6253: Heol y Ddraig (160839153)	9	17	8	83	2.1	Y	Y	-	-	Y
625 (10594616)	668	623	-46	-7	1.8	Y	Y	-	-	Y
624 (10594615)	216	246	30	14	2.0	Y	Y	-	-	Y
6238 (160839146)	1	7	6	570	2.9	Y	Y	-	-	Y
6235 (160839146)	9	16	7	81	2.1	Y	Y	-	-	Y
6217 (160839143)	220	221	1	1	0.1	Y	Y	-	-	Y
6214 (160839140)	0	0	0	0	0.0	Y	Y	-	-	Y
5839 (139239697)	305	286	-19	-6	1.1	Y	Y	-	-	Y
5834 (139239697)	220	211	-10	-4	0.6	Y	Y	-	-	Y
5829 (139239684)	290	284	-6	-2	0.3	Y	Y	-	-	Y
5821 (139239682)	285	280	-5	-2	0.3	Y	Y	-	-	Y
5818 (139239682)	294	285	-9	-3	0.5	Y	Y	-	-	Y
5817 (139239682)	227	223	-4	-2	0.3	Y	Y	-	-	Y
5814 (139239682)	238	244	6	2	0.4	Y	Y	-	-	Y
5793: Gorseinon Road (137611770)	494	467	-27	-5	1.2	Y	Y	-	-	Y
5775 (136180732)	610	570	-40	-7	1.6	Y	Y	-	-	Y
5772 (136180654)	775	796	21	3	0.7	Y	-	Y	-	Y
5769 (135849818)	2308	2258	-50	-2	1.0	Y	-	Y	-	Y
4146 (49532807)	293	285	-8	-3	0.5	Y	Y	-	-	Y
4120 (49532792)	0	0	0	0	0.0	Y	Y	-	-	Y
4108 (49309286)	292	288	-4	-2	0.3	Y	Y	-	-	Y
4104 (49309281)	229	221	-8	-3	0.5	Y	Y	-	-	Y
3615: Gorseinon Road (43585865)	643	638	-6	-1	0.2	Y	Y	-	-	Y
3332: Clasemont Road (41494413)	1231	1158	-74	-6	2.1	Y	-	Y	-	Y
3331: Clasemont Road (41494413)	603	591	-12	-2	0.5	Y	Y	-	-	Y
3247: Swansea Road (41476611)	136	132	-5	-3	0.4	Y	Y	-	-	Y
3228: Clasemont Road (41475682)	605	581	-24	-4	1.0	Y	Y	-	-	Y
30961 (474514216)	1427	1436	9	1	0.2	Y	-	Y	-	Y
30772: Heol y Ddraig (160839153)	7	17	10	136	2.8	Y	Y	-	-	Y
30766: Heol y Ddraig (160839153)	1	7	6	570	2.9	Y	Y	-	-	Y
30515 (49309286)	297	286	-11	-4	0.7	Y	Y	-	-	Y
30487: Swansea Road (43585869)	56	62	6	11	0.8	Y	Y	-	-	Y
30189: Mansion Gardens (938155755)	6	23	17	282	4.4	Y	Y	-	-	Y
1809 (27639979)	235	222	-13	-5	0.9	Y	Y	-	-	Y
1793: Pant Lasau Road (27639437)	718	671	-47	-7	1.8	Y	-	Y	-	Y
1780: Pant Lasau Road (27639437)	360	358	-2	-1	0.1	Y	Y	-	-	Y
1764 (27616421)	1021	1023	2	0	0.1	Y	-	Y	-	Y
1552: Bryntywod (26551103)	25	35	10	38	1.7	Y	Y	-	-	Y
1547: Bryntywod (26551103)	27	48	21	77	3.4	Y	Y	-	-	Y
1507 (26430168)	3276	3166	-110	-3	1.9	Y	-	-	Y	Y
1447 (25813910)	160	176	16	10	1.2	Y	Y	-	-	Y
1410: Clasemont Road (25703313)	1202	1176	-26	-2	0.7	Y	-	Y	-	Y
1408 (25703283)	217	212	-5	-2	0.3	Y	Y	-	-	Y
1235: Pontardulais Road (24540470)	401	400	-1	0	0.0	Y	Y	-	-	Y
1230: Pontardulais Road (24540470)	163	162	-1	-1	0.1	Y	Y	-	-	Y
1199 (24416781)	84	105	21	25	2.1	Y	Y	-	-	Y
1198 (24416780)	177	169	-8	-4	0.6	Y	Y	-	-	Y
11755: Swansea Road (1223897225)	290	272	-18	-6	1.1	Y	Y	-	-	Y
11752: Swansea Road (1223897225)	513	515	2	0	0.1	Y	Y	-	-	Y
1081 (23670255)	154	164	10	6	0.8	Y	Y	-	-	Y
10670 (988279596)	1533	1472	-61	-4	1.6	Y	-	Y	-	Y
10572: Mansion Gardens (938155755)	34	38	4	11	0.6	Y	Y	-	-	Y
1028 (22817145)	294	283	-11	-4	0.7	Y	Y	-	-	Y
1027 (22817145)	259	245	-14	-5	0.9	Y	Y	-	-	Y
Mean	470	461	-10	-2	1.1	Y	Y	-	-	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary SECTIONS_0800-0900

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph	
Percentage of Sections meeting criteria:						100.0%	100.0%	100.0%	100.0%	100.0%
7592 (474514217)	421	413	-8	-2	0.4	Y	Y	-	-	Y
7589 (474514215)	1417	1434	17	1	0.4	Y	-	Y	-	Y
7586 (474513239)	365	355	-10	-3	0.5	Y	Y	-	-	Y
7585 (474513238)	492	533	41	8	1.8	Y	Y	-	-	Y
7442 (411021773)	762	787	25	3	0.9	Y	-	Y	-	Y
7440 (411021773)	1028	1010	-18	-2	0.6	Y	-	Y	-	Y
7437 (411021770)	824	787	-37	-4	1.3	Y	-	Y	-	Y
6631: Clasemont Road (194817304)	642	679	37	6	1.4	Y	Y	-	-	Y
6630: Clasemont Road (194817304)	528	523	-5	-1	0.2	Y	Y	-	-	Y
6254: Heol y Ddraig (160839153)	4	7	3	78	1.3	Y	Y	-	-	Y
6253: Heol y Ddraig (160839153)	58	59	1	2	0.1	Y	Y	-	-	Y
625 (10594616)	591	603	12	2	0.5	Y	Y	-	-	Y
624 (10594615)	250	260	10	4	0.6	Y	Y	-	-	Y
6238 (160839146)	4	7	3	78	1.3	Y	Y	-	-	Y
6235 (160839146)	57	59	2	4	0.3	Y	Y	-	-	Y
6217 (160839143)	328	340	12	4	0.7	Y	Y	-	-	Y
6214 (160839140)	0	0	0	0	0.0	Y	Y	-	-	Y
5839 (139239697)	318	325	7	2	0.4	Y	Y	-	-	Y
5834 (139239697)	306	309	3	1	0.2	Y	Y	-	-	Y
5829 (139239684)	283	303	20	7	1.2	Y	Y	-	-	Y
5821 (139239682)	288	306	18	6	1.1	Y	Y	-	-	Y
5818 (139239682)	299	317	18	6	1.0	Y	Y	-	-	Y
5817 (139239682)	332	341	9	3	0.5	Y	Y	-	-	Y
5814 (139239682)	349	356	7	2	0.4	Y	Y	-	-	Y
5793: Gorseinon Road (137611770)	701	689	-12	-2	0.4	Y	-	Y	-	Y
5775 (136180732)	633	639	6	1	0.2	Y	Y	-	-	Y
5772 (136180654)	945	943	-2	0	0.1	Y	-	Y	-	Y
5769 (135849818)	2460	2425	-35	-1	0.7	Y	-	Y	-	Y
4146 (49532807)	312	325	13	4	0.7	Y	Y	-	-	Y
4120 (49532792)	0	0	0	0	0.0	Y	Y	-	-	Y
4108 (49309286)	308	313	5	2	0.3	Y	Y	-	-	Y
4104 (49309281)	322	325	3	1	0.2	Y	Y	-	-	Y
3615: Gorseinon Road (43585865)	735	712	-24	-3	0.9	Y	-	Y	-	Y
3332: Clasemont Road (41494413)	1272	1305	33	3	0.9	Y	-	Y	-	Y
3331: Clasemont Road (41494413)	717	723	6	1	0.2	Y	-	Y	-	Y
3247: Swansea Road (41476611)	189	181	-8	-4	0.6	Y	Y	-	-	Y
3228: Clasemont Road (41475682)	718	709	-9	-1	0.3	Y	-	Y	-	Y
30961 (474514216)	1554	1617	63	4	1.6	Y	-	Y	-	Y
30772: Heol y Ddraig (160839153)	57	59	2	4	0.3	Y	Y	-	-	Y
30766: Heol y Ddraig (160839153)	5	7	2	42	0.9	Y	Y	-	-	Y
30515 (49309286)	309	313	4	1	0.2	Y	Y	-	-	Y
30487: Swansea Road (43585869)	80	88	8	10	0.9	Y	Y	-	-	Y
30189: Mansion Gardens (938155755)	14	22	8	56	1.8	Y	Y	-	-	Y
1809 (27639979)	325	326	1	0	0.1	Y	Y	-	-	Y
1793: Pant Lasau Road (27639437)	856	856	0	0	0.0	Y	-	Y	-	Y
1780: Pant Lasau Road (27639437)	415	428	13	3	0.6	Y	Y	-	-	Y
1764 (27616421)	1034	1009	-25	-2	0.8	Y	-	Y	-	Y
1552: Bryntywod (26551103)	27	30	3	10	0.5	Y	Y	-	-	Y
1547: Bryntywod (26551103)	33	34	1	4	0.2	Y	Y	-	-	Y
1507 (26430168)	3100	3100	0	0	0.0	Y	-	-	Y	Y
1447 (25813910)	184	220	36	20	2.5	Y	Y	-	-	Y
1410: Clasemont Road (25703313)	1239	1321	82	7	2.3	Y	-	Y	-	Y
1408 (25703283)	304	310	6	2	0.3	Y	Y	-	-	Y
1235: Pontardulais Road (24540470)	382	377	-5	-1	0.3	Y	Y	-	-	Y
1230: Pontardulais Road (24540470)	259	264	5	2	0.3	Y	Y	-	-	Y
1199 (24416781)	116	127	11	9	1.0	Y	Y	-	-	Y
1198 (24416780)	152	155	3	2	0.3	Y	Y	-	-	Y
11755: Swansea Road (1223897225)	356	356	0	0	0.0	Y	Y	-	-	Y
11752: Swansea Road (1223897225)	500	507	7	1	0.3	Y	Y	-	-	Y
1081 (23670255)	207	209	2	1	0.2	Y	Y	-	-	Y
10670 (988279596)	1614	1645	31	2	0.8	Y	-	Y	-	Y
10572: Mansion Gardens (938155755)	43	44	1	3	0.2	Y	Y	-	-	Y
1028 (22817145)	297	318	21	7	1.2	Y	Y	-	-	Y
1027 (22817145)	352	356	4	1	0.2	Y	Y	-	-	Y
Mean	517	523	7	1	0.6	Y	Y	-	-	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary SECTIONS_0900-1000 PEAK HOUR

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph	
Percentage of Sections meeting criteria:						100.0%	100.0%	100.0%	-	100.0%
7592 (474514217)	348	358	10	3	0.6	Y	Y	-	-	Y
7589 (474514215)	985	1040	55	6	1.7	Y	-	Y	-	Y
7586 (474513239)	334	326	-8	-2	0.4	Y	Y	-	-	Y
7585 (474513238)	246	273	27	11	1.7	Y	Y	-	-	Y
7442 (411021773)	579	629	50	9	2.0	Y	Y	-	-	Y
7440 (411021773)	751	760	9	1	0.3	Y	-	Y	-	Y
7437 (411021770)	604	629	25	4	1.0	Y	Y	-	-	Y
6631: Clasemont Road (194817304)	328	355	27	8	1.5	Y	Y	-	-	Y
6630: Clasemont Road (194817304)	290	289	-1	0	0.0	Y	Y	-	-	Y
6254: Heol y Ddraig (160839153)	12	11	-1	-9	0.3	Y	Y	-	-	Y
6253: Heol y Ddraig (160839153)	26	33	7	27	1.3	Y	Y	-	-	Y
625 (10594616)	358	364	6	2	0.3	Y	Y	-	-	Y
624 (10594615)	181	194	13	7	1.0	Y	Y	-	-	Y
6238 (160839146)	12	11	-1	-9	0.3	Y	Y	-	-	Y
6235 (160839146)	25	33	8	32	1.5	Y	Y	-	-	Y
6217 (160839143)	248	250	2	1	0.1	Y	Y	-	-	Y
6214 (160839140)	0	0	0	0	0.0	Y	Y	-	-	Y
5839 (139239697)	181	188	7	4	0.5	Y	Y	-	-	Y
5834 (139239697)	235	242	7	3	0.5	Y	Y	-	-	Y
5829 (139239684)	155	176	21	13	1.6	Y	Y	-	-	Y
5821 (139239682)	148	177	29	19	2.2	Y	Y	-	-	Y
5818 (139239682)	162	185	23	14	1.7	Y	Y	-	-	Y
5817 (139239682)	241	249	8	3	0.5	Y	Y	-	-	Y
5814 (139239682)	253	259	6	2	0.4	Y	Y	-	-	Y
5793: Gorseinon Road (137611770)	554	592	38	7	1.6	Y	Y	-	-	Y
5775 (136180732)	408	411	3	1	0.1	Y	Y	-	-	Y
5772 (136180654)	885	921	36	4	1.2	Y	-	Y	-	Y
5769 (135849818)	1992	1993	1	0	0.0	Y	-	Y	-	Y
4146 (49532807)	168	188	20	12	1.5	Y	Y	-	-	Y
4120 (49532792)	1	0	-1	-100	1.4	Y	Y	-	-	Y
4108 (49309286)	191	208	17	9	1.2	Y	Y	-	-	Y
4104 (49309281)	238	249	11	5	0.7	Y	Y	-	-	Y
3615: Gorseinon Road (43585865)	498	525	27	5	1.2	Y	Y	-	-	Y
3332: Clasemont Road (41494413)	623	657	34	5	1.3	Y	Y	-	-	Y
3331: Clasemont Road (41494413)	456	456	0	0	0.0	Y	Y	-	-	Y
3247: Swansea Road (41476611)	150	140	-10	-7	0.8	Y	Y	-	-	Y
3228: Clasemont Road (41475682)	464	455	-9	-2	0.4	Y	Y	-	-	Y
30961 (474514216)	1190	1263	73	6	2.1	Y	-	Y	-	Y
30772: Heol y Ddraig (160839153)	26	33	7	26	1.3	Y	Y	-	-	Y
30766: Heol y Ddraig (160839153)	12	11	-1	-9	0.3	Y	Y	-	-	Y
30515 (49309286)	187	208	21	11	1.5	Y	Y	-	-	Y
30487: Swansea Road (43585869)	61	67	6	10	0.8	Y	Y	-	-	Y
30189: Mansion Gardens (938155755)	25	31	6	26	1.2	Y	Y	-	-	Y
1809 (27639979)	238	247	9	4	0.6	Y	Y	-	-	Y
1793: Pant Lasau Road (27639437)	389	405	16	4	0.8	Y	Y	-	-	Y
1780: Pant Lasau Road (27639437)	260	263	3	1	0.2	Y	Y	-	-	Y
1764 (27616421)	706	777	71	10	2.6	Y	-	Y	-	Y
1552: Bryntywod (26551103)	32	32	0	1	0.0	Y	Y	-	-	Y
1547: Bryntywod (26551103)	30	35	5	18	0.9	Y	Y	-	-	Y
1507 (26430168)	2208	2274	66	3	1.4	Y	-	Y	-	Y
1447 (25813910)	220	221	1	0	0.1	Y	Y	-	-	Y
1410: Clasemont Road (25703313)	625	670	45	7	1.8	Y	Y	-	-	Y
1408 (25703283)	247	242	-5	-2	0.3	Y	Y	-	-	Y
1235: Pontardulais Road (24540470)	357	345	-12	-3	0.7	Y	Y	-	-	Y
1230: Pontardulais Road (24540470)	218	227	9	4	0.6	Y	Y	-	-	Y
1199 (24416781)	197	197	0	0	0.0	Y	Y	-	-	Y
1198 (24416780)	91	86	-6	-6	0.6	Y	Y	-	-	Y
11755: Swansea Road (1223897225)	293	292	-2	-1	0.1	Y	Y	-	-	Y
11752: Swansea Road (1223897225)	336	342	6	2	0.3	Y	Y	-	-	Y
1081 (23670255)	231	242	11	5	0.7	Y	Y	-	-	Y
10670 (988279596)	1088	1120	32	3	1.0	Y	-	Y	-	Y
10572: Mansion Gardens (938155755)	18	20	2	11	0.4	Y	Y	-	-	Y
1028 (22817145)	167	188	21	13	1.6	Y	Y	-	-	Y
1027 (22817145)	244	258	14	6	0.9	Y	Y	-	-	Y
Mean	360	374	14	4	0.9	Y	Y	-	-	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary TURNS_0700-0800

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph	
Percentage of Sections meeting criteria:						99.2%	100.0%	100.0%	-	99.2%
30409	301	293	-8	-3	0.5	Y	Y	-	-	Y
30408	74	73	-1	-1	0.1	Y	Y	-	-	Y
30407	587	558	-29	-5	1.2	Y	Y	-	-	Y
30406	644	599	-45	-7	1.8	Y	Y	-	-	Y
30405	302	298	-4	-1	0.2	Y	Y	-	-	Y
30404	58	60	2	4	0.3	Y	Y	-	-	Y
30353	6	9	3	43	1.0	Y	Y	-	-	Y
30352	275	261	-14	-5	0.9	Y	Y	-	-	Y
30351	17	29	12	73	2.6	Y	Y	-	-	Y
30350	221	214	-7	-3	0.4	Y	Y	-	-	Y
30344	10	19	9	88	2.3	Y	Y	-	-	Y
30198	219	197	-22	-10	1.5	Y	Y	-	-	Y
30197	1	13	12	1210	4.6	Y	Y	-	-	Y
30196	287	278	-9	-3	0.5	Y	Y	-	-	Y
30195	5	10	5	98	1.8	Y	Y	-	-	Y
30194	18	13	-5	-30	1.4	Y	Y	-	-	Y
30193	16	25	9	56	2.0	Y	Y	-	-	Y
19253	19	26	7	35	1.4	Y	Y	-	-	Y
31524	88	114	26	29	2.5	Y	Y	-	-	Y
31523	0	0	0	0	0.0	Y	Y	-	-	Y
31522	2	0	-2	-100	2.0	Y	Y	-	-	Y
31521	30	44	14	46	2.3	Y	Y	-	-	Y
31520	22	13	-9	-40	2.1	Y	Y	-	-	Y
31519	18	5	-13	-73	3.9	Y	Y	-	-	Y
31518	0	0	0	0	0.0	Y	Y	-	-	Y
31517	41	40	-1	-3	0.2	Y	Y	-	-	Y
31516	11	4	-7	-63	2.5	Y	Y	-	-	Y
31515	525	500	-25	-5	1.1	Y	Y	-	-	Y
31514	0	0	0	0	0.0	Y	Y	-	-	Y
31513	33	31	-2	-5	0.3	Y	Y	-	-	Y
31512	0	0	0	0	0.0	Y	Y	-	-	Y
31511	50	74	24	47	3.0	Y	Y	-	-	Y
31510	2	2	-1	-25	0.4	Y	Y	-	-	Y
31509	369	404	35	9	1.8	Y	Y	-	-	Y
31508	0	0	0	0	0.0	Y	Y	-	-	Y
31507	354	316	-38	-11	2.1	Y	Y	-	-	Y
31506	0	8	8	inf	3.9	Y	Y	-	-	Y
31505	9	5	-4	-40	1.3	Y	Y	-	-	Y
31504	0	0	0	0	0.0	Y	Y	-	-	Y
31503	108	110	2	2	0.2	Y	Y	-	-	Y
31502	0	1	1	inf	1.0	Y	Y	-	-	Y
31501	112	94	-18	-16	1.7	Y	Y	-	-	Y
31500	394	409	15	4	0.7	Y	Y	-	-	Y
31499	16	14	-2	-11	0.4	Y	Y	-	-	Y
31498	185	173	-13	-7	0.9	Y	Y	-	-	Y
31497	395	379	-16	-4	0.8	Y	Y	-	-	Y
31496	31	35	4	14	0.7	Y	Y	-	-	Y
31495	0	0	0	0	0.0	Y	Y	-	-	Y
31494	949	902	-47	-5	1.5	Y	-	Y	-	Y
31493	38	31	-7	-19	1.2	Y	Y	-	-	Y
31492	97	107	10	10	1.0	Y	Y	-	-	Y
31491	0	0	0	0	0.0	Y	Y	-	-	Y
31490	336	319	-17	-5	0.9	Y	Y	-	-	Y
31489	113	106	-7	-7	0.7	Y	Y	-	-	Y
30798	28	31	3	10	0.5	Y	Y	-	-	Y
30797	606	598	-8	-1	0.3	Y	Y	-	-	Y
30796	9	9	0	-4	0.1	Y	Y	-	-	Y
30795	0	0	0	0	0.0	Y	Y	-	-	Y
30794	0	0	0	0	0.0	Y	Y	-	-	Y
30793	330	334	4	1	0.2	Y	Y	-	-	Y
30792	2	1	-1	-30	0.5	Y	Y	-	-	Y
30791	69	67	-2	-3	0.3	Y	Y	-	-	Y
30790	128	132	4	3	0.3	Y	Y	-	-	Y
30789	3	0	-3	-100	2.4	Y	Y	-	-	Y
30788	44	52	8	18	1.2	Y	Y	-	-	Y
30787	389	363	-26	-7	1.3	Y	Y	-	-	Y
30786	7	1	-6	-91	3.3	Y	Y	-	-	Y
30785	92	93	1	1	0.1	Y	Y	-	-	Y
30784	1	0	-1	-100	1.4	Y	Y	-	-	Y
30783	36	38	2	6	0.3	Y	Y	-	-	Y
30778	3	6	3	87	1.3	Y	Y	-	-	Y
30776	0	0	0	0	0.0	Y	Y	-	-	Y
30775	4	11	7	173	2.5	Y	Y	-	-	Y
30771	1	7	6	570	2.9	Y	Y	-	-	Y
30770	0	0	0	0	0.0	Y	Y	-	-	Y
30769	0	0	0	0	0.0	Y	Y	-	-	Y
30731	44	44	0	0	0.0	Y	Y	-	-	Y
30730	0	0	0	0	0.0	Y	Y	-	-	Y
30729	198	181	-17	-8	1.2	Y	Y	-	-	Y
30728	54	71	17	31	2.1	Y	Y	-	-	Y
30727	200	199	-1	-1	0.1	Y	Y	-	-	Y
30726	17	19	2	9	0.4	Y	Y	-	-	Y
30725	132	136	4	3	0.4	Y	Y	-	-	Y
30724	101	82	-20	-19	2.0	Y	Y	-	-	Y
30723	0	0	0	0	0.0	Y	Y	-	-	Y
30722	156	161	5	3	0.4	Y	Y	-	-	Y
30721	166	167	1	1	0.1	Y	Y	-	-	Y
30720	50	35	-15	-31	2.4	Y	Y	-	-	Y
30719	74	44	-30	-40	3.9	Y	Y	-	-	Y
30718	131	121	-10	-8	0.9	Y	Y	-	-	Y
30717	408	405	-3	-1	0.2	Y	Y	-	-	Y
30716	0	0	0	0	0.0	Y	Y	-	-	Y
30715	0	0	0	0	0.0	Y	Y	-	-	Y
30714	55	52	-3	-5	0.4	Y	Y	-	-	Y
30713	0	0	0	0	0.0	Y	Y	-	-	Y
30712	19	22	3	14	0.6	Y	Y	-	-	Y
30711	233	228	-5	-2	0.3	Y	Y	-	-	Y
30710	2	10	8	375	3.1	Y	Y	-	-	Y
30709	38	17	-21	-56	4.1	Y	Y	-	-	Y
30708	2	6	4	190	1.9	Y	Y	-	-	Y
30707	8	13	5	59	1.5	Y	Y	-	-	Y
30706	19	15	-4	-23	1.0	Y	Y	-	-	Y
30705	12	15	3	27	0.9	Y	Y	-	-	Y
30704	4	5	1	33	0.6	Y	Y	-	-	Y
30703	41	56	15	37	2.2	Y	Y	-	-	Y
30702	0	0	0	0	0.0	Y	Y	-	-	Y
30701	1	9	8	770	3.5	Y	Y	-	-	Y

30700	20	35	15	75	2.9	Y	Y	-	-	Y
30699	351	349	-3	-1	0.1	Y	Y	-	-	Y
30698	0	0	0	0	0.0	Y	Y	-	-	Y
30697	13	0	-13	-100	5.1	N	Y	-	-	N
30696	53	59	6	10	0.7	Y	Y	-	-	Y
30542	290	280	-10	-4	0.6	Y	Y	-	-	Y
30541	0	0	0	0	0.0	Y	Y	-	-	Y
30538	1	2	1	70	0.6	Y	Y	-	-	Y
30536	0	5	5	inf	3.1	Y	Y	-	-	Y
30533	0	0	0	0	0.0	Y	Y	-	-	Y
30532	216	210	-6	-3	0.4	Y	Y	-	-	Y
30529	0	0	0	0	0.0	Y	Y	-	-	Y
30527	0	0	0	0	0.0	Y	Y	-	-	Y
30526	0	0	0	0	0.0	Y	Y	-	-	Y
30524	0	0	0	0	0.0	Y	Y	-	-	Y
30523	0	0	0	0	0.0	Y	Y	-	-	Y
30521	9	17	8	83	2.1	Y	Y	-	-	Y
Mean	87	85	-1	-2	1.0	Y	Y	-	-	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary TURNS_0800-0900

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph	
Percentage of Sections meeting criteria:						99.2%	100.0%	100.0%	-	99.2%
30409	399	397	-2	-1	0.1	Y	Y	-	-	Y
30408	128	127	-1	-1	0.1	Y	Y	-	-	Y
30407	544	576	32	6	1.3	Y	Y	-	-	Y
30406	728	730	2	0	0.1	Y	-	Y	-	Y
30405	318	326	8	3	0.5	Y	Y	-	-	Y
30404	97	101	4	4	0.4	Y	Y	-	-	Y
30353	3	8	5	153	2.0	Y	Y	-	-	Y
30352	275	295	20	7	1.2	Y	Y	-	-	Y
30351	20	23	3	14	0.6	Y	Y	-	-	Y
30350	329	333	4	1	0.2	Y	Y	-	-	Y
30344	13	11	-2	-13	0.5	Y	Y	-	-	Y
30198	300	297	-3	-1	0.2	Y	Y	-	-	Y
30197	6	13	7	112	2.2	Y	Y	-	-	Y
30196	300	304	4	1	0.3	Y	Y	-	-	Y
30195	8	9	1	13	0.3	Y	Y	-	-	Y
30194	18	15	-3	-15	0.7	Y	Y	-	-	Y
30193	25	29	4	16	0.8	Y	Y	-	-	Y
19253	24	22	-2	-7	0.4	Y	Y	-	-	Y
31524	98	106	8	8	0.8	Y	Y	-	-	Y
31523	0	0	0	0	0.0	Y	Y	-	-	Y
31522	3	1	-2	-67	1.4	Y	Y	-	-	Y
31521	48	85	37	76	4.5	Y	Y	-	-	Y
31520	13	19	6	48	1.6	Y	Y	-	-	Y
31519	22	8	-14	-63	3.6	Y	Y	-	-	Y
31518	0	0	0	0	0.0	Y	Y	-	-	Y
31517	53	61	8	16	1.1	Y	Y	-	-	Y
31516	38	16	-23	-59	4.4	Y	Y	-	-	Y
31515	501	515	14	3	0.6	Y	Y	-	-	Y
31514	0	0	0	0	0.0	Y	Y	-	-	Y
31513	41	41	0	0	0.0	Y	Y	-	-	Y
31512	0	0	0	0	0.0	Y	Y	-	-	Y
31511	72	70	-2	-3	0.3	Y	Y	-	-	Y
31510	4	2	-3	-63	1.5	Y	Y	-	-	Y
31509	433	453	20	5	1.0	Y	Y	-	-	Y
31508	0	0	0	0	0.0	Y	Y	-	-	Y
31507	436	414	-22	-5	1.1	Y	Y	-	-	Y
31506	2	5	3	170	1.8	Y	Y	-	-	Y
31505	2	6	4	180	1.8	Y	Y	-	-	Y
31504	0	0	0	0	0.0	Y	Y	-	-	Y
31503	179	181	2	1	0.2	Y	Y	-	-	Y
31502	2	1	-2	-75	1.3	Y	Y	-	-	Y
31501	137	134	-3	-2	0.2	Y	Y	-	-	Y
31500	387	391	4	1	0.2	Y	Y	-	-	Y
31499	19	21	2	11	0.4	Y	Y	-	-	Y
31498	138	149	11	8	0.9	Y	Y	-	-	Y
31497	393	383	-10	-2	0.5	Y	Y	-	-	Y
31496	97	74	-23	-24	2.5	Y	Y	-	-	Y
31495	0	0	0	0	0.0	Y	Y	-	-	Y
31494	930	936	6	1	0.2	Y	-	Y	-	Y
31493	61	52	-9	-15	1.2	Y	Y	-	-	Y
31492	126	147	21	17	1.8	Y	Y	-	-	Y
31491	0	0	0	0	0.0	Y	Y	-	-	Y
31490	309	325	16	5	0.9	Y	Y	-	-	Y
31489	188	188	-1	0	0.0	Y	Y	-	-	Y
30798	78	74	-5	-6	0.5	Y	Y	-	-	Y
30797	628	615	-13	-2	0.5	Y	Y	-	-	Y
30796	27	22	-5	-18	1.0	Y	Y	-	-	Y
30795	2	0	-2	-100	2.0	Y	Y	-	-	Y
30794	0	0	0	0	0.0	Y	Y	-	-	Y
30793	286	290	4	2	0.3	Y	Y	-	-	Y
30792	8	3	-5	-59	2.0	Y	Y	-	-	Y
30791	88	83	-5	-5	0.5	Y	Y	-	-	Y
30790	166	188	22	13	1.6	Y	Y	-	-	Y
30789	15	0	-15	-100	5.5	N	Y	-	-	N
30788	45	63	18	39	2.4	Y	Y	-	-	Y
30787	536	536	0	0	0.0	Y	Y	-	-	Y
30786	15	2	-13	-89	4.7	Y	Y	-	-	Y
30785	99	109	10	10	1.0	Y	Y	-	-	Y
30784	0	0	0	0	0.0	Y	Y	-	-	Y
30783	75	70	-5	-6	0.5	Y	Y	-	-	Y
30778	31	26	-5	-16	0.9	Y	Y	-	-	Y
30776	0	0	0	0	0.0	Y	Y	-	-	Y
30775	26	33	7	28	1.3	Y	Y	-	-	Y
30771	4	7	3	78	1.3	Y	Y	-	-	Y
30770	0	0	0	0	0.0	Y	Y	-	-	Y
30769	1	0	-1	-100	1.4	Y	Y	-	-	Y
30731	56	56	0	0	0.0	Y	Y	-	-	Y
30730	0	0	0	0	0.0	Y	Y	-	-	Y
30729	224	219	-5	-2	0.3	Y	Y	-	-	Y
30728	57	73	16	28	2.0	Y	Y	-	-	Y
30727	147	141	-6	-4	0.5	Y	Y	-	-	Y
30726	16	18	2	12	0.5	Y	Y	-	-	Y
30725	217	220	3	1	0.2	Y	Y	-	-	Y
30724	148	132	-16	-11	1.4	Y	Y	-	-	Y
30723	0	0	0	0	0.0	Y	Y	-	-	Y
30722	172	170	-2	-1	0.2	Y	Y	-	-	Y
30721	140	151	11	8	0.9	Y	Y	-	-	Y
30720	41	38	-4	-9	0.6	Y	Y	-	-	Y
30719	74	58	-16	-21	1.9	Y	Y	-	-	Y
30718	118	131	13	11	1.2	Y	Y	-	-	Y
30717	342	369	27	8	1.4	Y	Y	-	-	Y
30716	4	0	-4	-100	2.8	Y	Y	-	-	Y
30715	0	0	0	0	0.0	Y	Y	-	-	Y
30714	53	45	-8	-15	1.1	Y	Y	-	-	Y
30713	0	0	0	0	0.0	Y	Y	-	-	Y
30712	26	26	0	-2	0.1	Y	Y	-	-	Y
30711	245	271	26	10	1.6	Y	Y	-	-	Y
30710	2	10	8	390	3.2	Y	Y	-	-	Y
30709	23	10	-13	-56	3.2	Y	Y	-	-	Y
30708	1	2	1	110	0.9	Y	Y	-	-	Y
30707	5	17	12	236	3.6	Y	Y	-	-	Y
30706	28	24	-4	-13	0.7	Y	Y	-	-	Y
30705	20	26	6	29	1.2	Y	Y	-	-	Y
30704	15	8	-7	-49	2.2	Y	Y	-	-	Y
30703	48	53	5	10	0.7	Y	Y	-	-	Y
30702	0	0	0	0	0.0	Y	Y	-	-	Y
30701	0	5	5	inf	3.2	Y	Y	-	-	Y

30700	36	43	7	19	1.1	Y	Y	-	-	Y
30699	408	436	28	7	1.4	Y	Y	-	-	Y
30698	0	0	0	0	0.0	Y	Y	-	-	Y
30697	7	0	-7	-100	3.7	Y	Y	-	-	Y
30696	41	52	11	26	1.6	Y	Y	-	-	Y
30542	280	299	19	7	1.1	Y	Y	-	-	Y
30541	1	0	-1	-100	1.4	Y	Y	-	-	Y
30538	2	2	0	10	0.1	Y	Y	-	-	Y
30536	2	5	3	150	1.6	Y	Y	-	-	Y
30533	1	0	-1	-100	1.4	Y	Y	-	-	Y
30532	301	307	6	2	0.4	Y	Y	-	-	Y
30529	0	0	0	0	0.0	Y	Y	-	-	Y
30527	0	0	0	0	0.0	Y	Y	-	-	Y
30526	0	0	0	0	0.0	Y	Y	-	-	Y
30524	0	0	0	0	0.0	Y	Y	-	-	Y
30523	0	0	0	0	0.0	Y	Y	-	-	Y
30521	57	59	2	4	0.3	Y	Y	-	-	Y
Mean	96	98	1	2	1.1	Y	Y	-	-	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary TURNS_0900-1000 PEAK HOUR

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph	
Percentage of Sections meeting criteria:						100.0%	100.0%	-	-	100.0%
30409	234	234	0	0	0.0	Y	Y	-	-	Y
30408	56	56	0	0	0.0	Y	Y	-	-	Y
30407	289	310	21	7	1.2	Y	Y	-	-	Y
30406	333	347	14	4	0.8	Y	Y	-	-	Y
30405	221	223	2	1	0.1	Y	Y	-	-	Y
30404	39	40	1	3	0.2	Y	Y	-	-	Y
30353	10	10	0	4	0.1	Y	Y	-	-	Y
30352	140	162	22	15	1.8	Y	Y	-	-	Y
30351	22	20	-2	-8	0.4	Y	Y	-	-	Y
30350	231	239	8	3	0.5	Y	Y	-	-	Y
30344	8	15	7	88	2.1	Y	Y	-	-	Y
30198	227	231	4	2	0.3	Y	Y	-	-	Y
30197	7	12	5	66	1.5	Y	Y	-	-	Y
30196	173	188	15	8	1.1	Y	Y	-	-	Y
30195	18	20	2	10	0.4	Y	Y	-	-	Y
30194	7	4	-3	-47	1.4	Y	Y	-	-	Y
30193	11	16	5	47	1.4	Y	Y	-	-	Y
19253	22	22	0	-1	0.0	Y	Y	-	-	Y
31524	125	122	-3	-2	0.2	Y	Y	-	-	Y
31523	0	0	0	0	0.0	Y	Y	-	-	Y
31522	2	1	-1	-65	1.1	Y	Y	-	-	Y
31521	37	55	18	48	2.6	Y	Y	-	-	Y
31520	25	31	6	22	1.0	Y	Y	-	-	Y
31519	31	15	-16	-53	3.4	Y	Y	-	-	Y
31518	0	0	0	0	0.0	Y	Y	-	-	Y
31517	54	55	1	1	0.1	Y	Y	-	-	Y
31516	11	7	-4	-35	1.3	Y	Y	-	-	Y
31515	313	328	15	5	0.8	Y	Y	-	-	Y
31514	0	0	0	0	0.0	Y	Y	-	-	Y
31513	30	30	0	-1	0.1	Y	Y	-	-	Y
31512	0	0	0	0	0.0	Y	Y	-	-	Y
31511	116	115	-1	-1	0.1	Y	Y	-	-	Y
31510	8	8	0	5	0.1	Y	Y	-	-	Y
31509	481	489	8	2	0.3	Y	Y	-	-	Y
31508	0	0	0	0	0.0	Y	Y	-	-	Y
31507	280	318	38	14	2.2	Y	Y	-	-	Y
31506	1	3	2	150	1.1	Y	Y	-	-	Y
31505	9	7	-2	-24	0.8	Y	Y	-	-	Y
31504	0	0	0	0	0.0	Y	Y	-	-	Y
31503	116	120	4	4	0.4	Y	Y	-	-	Y
31502	5	1	-4	-84	2.5	Y	Y	-	-	Y
31501	107	120	13	12	1.2	Y	Y	-	-	Y
31500	313	326	13	4	0.7	Y	Y	-	-	Y
31499	16	26	10	60	2.1	Y	Y	-	-	Y
31498	71	90	19	27	2.1	Y	Y	-	-	Y
31497	243	272	29	12	1.8	Y	Y	-	-	Y
31496	63	61	-2	-3	0.3	Y	Y	-	-	Y
31495	0	0	0	0	0.0	Y	Y	-	-	Y
31494	546	576	30	5	1.2	Y	Y	-	-	Y
31493	36	42	6	16	0.9	Y	Y	-	-	Y
31492	95	101	6	6	0.6	Y	Y	-	-	Y
31491	0	0	0	0	0.0	Y	Y	-	-	Y
31490	255	263	8	3	0.5	Y	Y	-	-	Y
31489	156	148	-8	-5	0.7	Y	Y	-	-	Y
30798	60	72	12	20	1.4	Y	Y	-	-	Y
30797	410	430	20	5	1.0	Y	Y	-	-	Y
30796	25	24	-1	-5	0.2	Y	Y	-	-	Y
30795	3	0	-3	-100	2.4	Y	Y	-	-	Y
30794	0	0	0	0	0.0	Y	Y	-	-	Y
30793	258	250	-8	-3	0.5	Y	Y	-	-	Y
30792	11	4	-7	-65	2.6	Y	Y	-	-	Y
30791	88	91	3	4	0.3	Y	Y	-	-	Y
30790	145	153	8	6	0.7	Y	Y	-	-	Y
30789	3	0	-3	-100	2.4	Y	Y	-	-	Y
30788	25	40	15	58	2.6	Y	Y	-	-	Y
30787	406	437	31	8	1.5	Y	Y	-	-	Y
30786	13	2	-11	-86	4.1	Y	Y	-	-	Y
30785	80	77	-3	-4	0.3	Y	Y	-	-	Y
30784	0	0	0	0	0.0	Y	Y	-	-	Y
30783	57	61	4	7	0.5	Y	Y	-	-	Y
30778	15	20	5	31	1.1	Y	Y	-	-	Y
30776	0	0	0	0	0.0	Y	Y	-	-	Y
30775	11	13	2	19	0.6	Y	Y	-	-	Y
30771	12	11	-1	-9	0.3	Y	Y	-	-	Y
30770	0	0	0	0	0.0	Y	Y	-	-	Y
30769	0	0	0	0	0.0	Y	Y	-	-	Y
30731	48	45	-3	-7	0.5	Y	Y	-	-	Y
30730	0	0	0	0	0.0	Y	Y	-	-	Y
30729	111	113	2	2	0.2	Y	Y	-	-	Y
30728	33	44	11	33	1.8	Y	Y	-	-	Y
30727	127	126	-1	-1	0.1	Y	Y	-	-	Y
30726	17	15	-2	-11	0.4	Y	Y	-	-	Y
30725	142	145	3	2	0.2	Y	Y	-	-	Y
30724	96	88	-8	-9	0.9	Y	Y	-	-	Y
30723	0	0	0	0	0.0	Y	Y	-	-	Y
30722	103	105	2	2	0.2	Y	Y	-	-	Y
30721	102	102	0	0	0.0	Y	Y	-	-	Y
30720	21	16	-5	-23	1.1	Y	Y	-	-	Y
30719	33	34	1	2	0.1	Y	Y	-	-	Y
30718	109	114	5	5	0.5	Y	Y	-	-	Y
30717	185	191	6	3	0.4	Y	Y	-	-	Y
30716	4	0	-4	-100	2.8	Y	Y	-	-	Y
30715	0	0	0	0	0.0	Y	Y	-	-	Y
30714	27	25	-2	-7	0.4	Y	Y	-	-	Y
30713	0	0	0	0	0.0	Y	Y	-	-	Y
30712	35	29	-6	-17	1.1	Y	Y	-	-	Y
30711	106	129	23	22	2.1	Y	Y	-	-	Y
30710	1	11	10	1000	4.1	Y	Y	-	-	Y
30709	20	14	-7	-33	1.6	Y	Y	-	-	Y
30708	5	6	1	24	0.5	Y	Y	-	-	Y
30707	18	26	8	46	1.8	Y	Y	-	-	Y
30706	32	32	0	-1	0.1	Y	Y	-	-	Y
30705	24	22	-3	-10	0.5	Y	Y	-	-	Y
30704	39	34	-5	-13	0.8	Y	Y	-	-	Y
30703	84	84	0	0	0.0	Y	Y	-	-	Y
30702	0	0	0	0	0.0	Y	Y	-	-	Y
30701	3	8	5	173	2.2	Y	Y	-	-	Y

30700	21	29	8	38	1.6	Y	Y	-	-	Y
30699	199	215	16	8	1.1	Y	Y	-	-	Y
30698	1	0	-1	-100	1.4	Y	Y	-	-	Y
30697	1	0	-1	-100	1.4	Y	Y	-	-	Y
30696	21	23	2	10	0.4	Y	Y	-	-	Y
30542	149	169	20	13	1.6	Y	Y	-	-	Y
30541	4	0	-4	-100	2.8	Y	Y	-	-	Y
30538	7	6	-2	-21	0.6	Y	Y	-	-	Y
30536	5	5	0	8	0.2	Y	Y	-	-	Y
30533	1	0	-1	-100	1.4	Y	Y	-	-	Y
30532	236	237	1	0	0.0	Y	Y	-	-	Y
30529	0	0	0	0	0.0	Y	Y	-	-	Y
30527	0	0	0	0	0.0	Y	Y	-	-	Y
30526	0	0	0	0	0.0	Y	Y	-	-	Y
30524	0	0	0	0	0.0	Y	Y	-	-	Y
30523	1	0	-1	-100	1.4	Y	Y	-	-	Y
30521	25	33	8	32	1.5	Y	Y	-	-	Y
Mean	69	72	3	4	0.9	Y	Y	-	-	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary SECTIONS_1500 - 1600

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria	Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph		
Percentage of Sections meeting criteria:						100.0%	100.0%	100.0%	-	100.0%	100.0%
7592 (474514217)	290	296	6	2	0.3	Y	Y	-	-	Y	Y
7589 (474514215)	1136	1148	12	1	0.4	Y	-	Y	-	Y	Y
7586 (474513239)	672	656	-17	-2	0.6	Y	Y	-	-	Y	Y
7585 (474513238)	288	321	33	12	1.9	Y	Y	-	-	Y	Y
7442 (411021773)	981	992	11	1	0.4	Y	-	Y	-	Y	Y
7440 (411021773)	864	821	-43	-5	1.5	Y	-	Y	-	Y	Y
7437 (411021770)	1003	992	-11	-1	0.3	Y	-	Y	-	Y	Y
6631: Clasemont Road (194817304)	420	422	2	1	0.1	Y	Y	-	-	Y	Y
6630: Clasemont Road (194817304)	586	586	0	0	0.0	Y	Y	-	-	Y	Y
6254: Heol y Ddraig (160839153)	20	24	4	20	0.8	Y	Y	-	-	Y	Y
6253: Heol y Ddraig (160839153)	15	15	0	-1	0.1	Y	Y	-	-	Y	Y
625 (10594616)	374	370	-4	-1	0.2	Y	Y	-	-	Y	Y
624 (10594615)	426	441	15	3	0.7	Y	Y	-	-	Y	Y
6238 (160839146)	16	24	8	49	1.7	Y	Y	-	-	Y	Y
6235 (160839146)	11	15	4	35	1.1	Y	Y	-	-	Y	Y
6217 (160839143)	352	368	16	5	0.8	Y	Y	-	-	Y	Y
6214 (160839140)	0	0	0	0	0.0	Y	Y	-	-	Y	Y
5839 (139239697)	147	143	-4	-3	0.4	Y	Y	-	-	Y	Y
5834 (139239697)	385	372	-13	-3	0.7	Y	Y	-	-	Y	Y
5829 (139239684)	144	148	4	3	0.3	Y	Y	-	-	Y	Y
5821 (139239682)	148	146	-2	-1	0.1	Y	Y	-	-	Y	Y
5818 (139239682)	167	161	-6	-3	0.4	Y	Y	-	-	Y	Y
5817 (139239682)	349	368	19	6	1.0	Y	Y	-	-	Y	Y
5814 (139239682)	367	376	9	3	0.5	Y	Y	-	-	Y	Y
5793: Gorseinon Road (137611770)	684	695	11	2	0.4	Y	Y	-	-	Y	Y
5775 (136180732)	439	441	2	1	0.1	Y	Y	-	-	Y	Y
5772 (136180654)	1241	1212	-29	-2	0.8	Y	-	Y	-	Y	Y
5769 (135849818)	2640	2600	-40	-2	0.8	Y	-	Y	-	Y	Y
4146 (49532807)	148	143	-5	-4	0.4	Y	Y	-	-	Y	Y
4120 (49532792)	0	0	0	0	0.0	Y	Y	-	-	Y	Y
4108 (49309286)	170	168	-2	-1	0.1	Y	Y	-	-	Y	Y
4104 (49309281)	384	385	1	0	0.0	Y	Y	-	-	Y	Y
3615: Gorseinon Road (43585865)	638	616	-22	-4	0.9	Y	Y	-	-	Y	Y
3332: Clasemont Road (41494413)	607	614	7	1	0.3	Y	Y	-	-	Y	Y
3331: Clasemont Road (41494413)	1084	1086	2	0	0.1	Y	-	Y	-	Y	Y
3247: Swansea Road (41476611)	171	159	-12	-7	0.9	Y	Y	-	-	Y	Y
3228: Clasemont Road (41475682)	1096	1086	-10	-1	0.3	Y	-	Y	-	Y	Y
30961 (474514216)	1473	1462	-11	-1	0.3	Y	-	Y	-	Y	Y
30772: Heol y Ddraig (160839153)	15	15	0	-1	0.1	Y	Y	-	-	Y	Y
30766: Heol y Ddraig (160839153)	20	24	4	19	0.8	Y	Y	-	-	Y	Y
30515 (49309286)	167	169	2	1	0.2	Y	Y	-	-	Y	Y
30487: Swansea Road (43585869)	104	112	8	8	0.8	Y	Y	-	-	Y	Y
30189: Mansion Gardens (938155755)	47	46	-1	-2	0.1	Y	Y	-	-	Y	Y
1809 (27639979)	397	387	-11	-3	0.5	Y	Y	-	-	Y	Y
1793: Pant Lasau Road (27639437)	323	326	3	1	0.1	Y	Y	-	-	Y	Y
1780: Pant Lasau Road (27639437)	634	635	1	0	0.1	Y	Y	-	-	Y	Y
1764 (27616421)	789	821	32	4	1.1	Y	-	Y	-	Y	Y
1552: Bryntywod (26551103)	39	49	10	25	1.5	Y	Y	-	-	Y	Y
1547: Bryntywod (26551103)	38	42	4	12	0.7	Y	Y	-	-	Y	Y
1507 (26430168)	2440	2415	-25	-1	0.5	Y	-	Y	-	Y	Y
1447 (25813910)	180	182	2	1	0.2	Y	Y	-	-	Y	Y
1410: Clasemont Road (25703313)	623	640	17	3	0.7	Y	Y	-	-	Y	Y
1408 (25703283)	361	374	13	3	0.7	Y	Y	-	-	Y	Y
1235: Pontardulais Road (24540470)	329	325	-4	-1	0.2	Y	Y	-	-	Y	Y
1230: Pontardulais Road (24540470)	467	467	0	0	0.0	Y	Y	-	-	Y	Y
1199 (24416781)	124	125	1	1	0.1	Y	Y	-	-	Y	Y
1198 (24416780)	92	89	-3	-3	0.3	Y	Y	-	-	Y	Y
11755: Swansea Road (1223897225)	375	374	-1	0	0.0	Y	Y	-	-	Y	Y
11752: Swansea Road (1223897225)	509	516	7	1	0.3	Y	Y	-	-	Y	Y
1081 (23670255)	216	208	-8	-4	0.5	Y	Y	-	-	Y	Y
10670 (988279596)	1252	1245	-7	-1	0.2	Y	-	Y	-	Y	Y
10572: Mansion Gardens (938155755)	36	37	1	4	0.2	Y	Y	-	-	Y	Y
1028 (22817145)	165	160	-5	-3	0.4	Y	Y	-	-	Y	Y
1027 (22817145)	368	376	8	2	0.4	Y	Y	-	-	Y	Y
Mean	469	469	0	0	0.5	Y	Y	-	-	Y	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary SECTIONS_1600 - 1700

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria	Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph		
Percentage of Sections meeting criteria:						100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
7592 (474514217)	400	402	2	0	0.1	Y	Y	-	-	Y	Y
7589 (474514215)	1289	1299	10	1	0.3	Y	-	Y	-	Y	Y
7586 (474513239)	625	617	-8	-1	0.3	Y	Y	-	-	Y	Y
7585 (474513238)	301	336	35	12	2.0	Y	Y	-	-	Y	Y
7442 (411021773)	1067	1059	-8	-1	0.2	Y	-	Y	-	Y	Y
7440 (411021773)	880	842	-38	-4	1.3	Y	-	Y	-	Y	Y
7437 (411021770)	1135	1059	-76	-7	2.3	Y	-	Y	-	Y	Y
6631: Clasemont Road (194817304)	361	368	7	2	0.4	Y	Y	-	-	Y	Y
6630: Clasemont Road (194817304)	477	483	6	1	0.3	Y	Y	-	-	Y	Y
6254: Heol y Ddraig (160839153)	17	22	5	29	1.1	Y	Y	-	-	Y	Y
6253: Heol y Ddraig (160839153)	4	10	6	143	2.2	Y	Y	-	-	Y	Y
625 (10594616)	387	390	3	1	0.1	Y	Y	-	-	Y	Y
624 (10594615)	545	563	18	3	0.8	Y	Y	-	-	Y	Y
6238 (160839146)	21	22	1	4	0.2	Y	Y	-	-	Y	Y
6235 (160839146)	4	10	6	143	2.2	Y	Y	-	-	Y	Y
6217 (160839143)	303	304	1	0	0.1	Y	Y	-	-	Y	Y
6214 (160839140)	0	0	0	0	0.0	Y	Y	-	-	Y	Y
5839 (139239697)	149	149	0	0	0.0	Y	Y	-	-	Y	Y
5834 (139239697)	308	304	-4	-1	0.3	Y	Y	-	-	Y	Y
5829 (139239684)	161	158	-3	-2	0.2	Y	Y	-	-	Y	Y
5821 (139239682)	160	159	-1	-1	0.1	Y	Y	-	-	Y	Y
5818 (139239682)	187	183	-4	-2	0.3	Y	Y	-	-	Y	Y
5817 (139239682)	292	302	10	3	0.6	Y	Y	-	-	Y	Y
5814 (139239682)	303	302	-1	0	0.1	Y	Y	-	-	Y	Y
5793: Gorseinon Road (137611770)	718	701	-17	-2	0.6	Y	-	Y	-	Y	Y
5775 (136180732)	490	475	-15	-3	0.7	Y	Y	-	-	Y	Y
5772 (136180654)	1524	1513	-11	-1	0.3	Y	-	Y	-	Y	Y
5769 (135849818)	3064	2998	-66	-2	1.2	Y	-	-	Y	Y	Y
4146 (49532807)	156	149	-8	-5	0.6	Y	Y	-	-	Y	Y
4120 (49532792)	0	0	0	0	0.0	Y	Y	-	-	Y	Y
4108 (49309286)	153	151	-2	-1	0.1	Y	Y	-	-	Y	Y
4104 (49309281)	325	302	-23	-7	1.3	Y	Y	-	-	Y	Y
3615: Gorseinon Road (43585865)	722	697	-25	-4	0.9	Y	-	Y	-	Y	Y
3332: Clasemont Road (41494413)	629	622	-7	-1	0.3	Y	Y	-	-	Y	Y
3331: Clasemont Road (41494413)	1076	1082	6	1	0.2	Y	-	Y	-	Y	Y
3247: Swansea Road (41476611)	145	134	-11	-8	1.0	Y	Y	-	-	Y	Y
3228: Clasemont Road (41475682)	1080	1076	-4	0	0.1	Y	-	Y	-	Y	Y
30961 (474514216)	1678	1696	18	1	0.4	Y	-	Y	-	Y	Y
30772: Heol y Ddraig (160839153)	3	10	7	223	2.7	Y	Y	-	-	Y	Y
30766: Heol y Ddraig (160839153)	21	22	1	4	0.2	Y	Y	-	-	Y	Y
30515 (49309286)	150	150	0	0	0.0	Y	Y	-	-	Y	Y
30487: Swansea Road (43585869)	84	93	9	11	0.9	Y	Y	-	-	Y	Y
30189: Mansion Gardens (938155755)	25	34	9	35	1.6	Y	Y	-	-	Y	Y
1809 (27639979)	325	310	-16	-5	0.9	Y	Y	-	-	Y	Y
1793: Pant Lasau Road (27639437)	359	348	-11	-3	0.6	Y	Y	-	-	Y	Y
1780: Pant Lasau Road (27639437)	690	690	0	0	0.0	Y	Y	-	-	Y	Y
1764 (27616421)	811	835	24	3	0.8	Y	-	Y	-	Y	Y
1552: Bryntywod (26551103)	43	53	10	24	1.5	Y	Y	-	-	Y	Y
1547: Bryntywod (26551103)	27	28	1	4	0.2	Y	Y	-	-	Y	Y
1507 (26430168)	2692	2652	-40	-2	0.8	Y	-	Y	-	Y	Y
1447 (25813910)	192	184	-8	-4	0.6	Y	Y	-	-	Y	Y
1410: Clasemont Road (25703313)	629	650	21	3	0.8	Y	Y	-	-	Y	Y
1408 (25703283)	312	306	-6	-2	0.3	Y	Y	-	-	Y	Y
1235: Pontardulais Road (24540470)	298	292	-6	-2	0.4	Y	Y	-	-	Y	Y
1230: Pontardulais Road (24540470)	550	544	-6	-1	0.3	Y	Y	-	-	Y	Y
1199 (24416781)	167	170	3	2	0.2	Y	Y	-	-	Y	Y
1198 (24416780)	108	114	6	5	0.6	Y	Y	-	-	Y	Y
11755: Swansea Road (1223897225)	420	424	4	1	0.2	Y	Y	-	-	Y	Y
11752: Swansea Road (1223897225)	508	513	5	1	0.2	Y	Y	-	-	Y	Y
1081 (23670255)	158	174	16	10	1.3	Y	Y	-	-	Y	Y
10670 (988279596)	1468	1469	1	0	0.0	Y	-	Y	-	Y	Y
10572: Mansion Gardens (938155755)	38	42	4	11	0.6	Y	Y	-	-	Y	Y
1028 (22817145)	189	184	-5	-3	0.4	Y	Y	-	-	Y	Y
1027 (22817145)	305	301	-5	-1	0.3	Y	Y	-	-	Y	Y
Mean	495	493	-3	-1	0.6	Y	Y	-	-	Y	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary SECTIONS_1700 - 1800

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria	Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph		
Percentage of Sections meeting criteria:						100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
7592 (474514217)	474	479	5	1	0.2	Y	Y	-	-	Y	Y
7589 (474514215)	1124	1158	34	3	1.0	Y	-	Y	-	Y	Y
7586 (474513239)	471	491	20	4	0.9	Y	Y	-	-	Y	Y
7585 (474513238)	354	389	35	10	1.8	Y	Y	-	-	Y	Y
7442 (411021773)	1086	1136	50	5	1.5	Y	-	Y	-	Y	Y
7440 (411021773)	870	861	-9	-1	0.3	Y	-	Y	-	Y	Y
7437 (411021770)	1152	1136	-16	-1	0.5	Y	-	Y	-	Y	Y
6631: Clasemont Road (194817304)	390	383	-7	-2	0.4	Y	Y	-	-	Y	Y
6630: Clasemont Road (194817304)	443	450	7	2	0.4	Y	Y	-	-	Y	Y
6254: Heol y Ddraig (160839153)	47	53	6	12	0.8	Y	Y	-	-	Y	Y
6253: Heol y Ddraig (160839153)	1	7	6	560	2.9	Y	Y	-	-	Y	Y
625 (10594616)	372	365	-7	-2	0.4	Y	Y	-	-	Y	Y
624 (10594615)	409	437	28	7	1.3	Y	Y	-	-	Y	Y
6238 (160839146)	47	53	6	12	0.8	Y	Y	-	-	Y	Y
6235 (160839146)	0	7	7	inf	3.6	Y	Y	-	-	Y	Y
6217 (160839143)	271	274	3	1	0.2	Y	Y	-	-	Y	Y
6214 (160839140)	0	0	0	0	0.0	Y	Y	-	-	Y	Y
5839 (139239697)	116	118	2	2	0.2	Y	Y	-	-	Y	Y
5834 (139239697)	296	300	4	1	0.2	Y	Y	-	-	Y	Y
5829 (139239684)	137	142	5	3	0.4	Y	Y	-	-	Y	Y
5821 (139239682)	146	141	-5	-3	0.4	Y	Y	-	-	Y	Y
5818 (139239682)	177	181	4	2	0.3	Y	Y	-	-	Y	Y
5817 (139239682)	267	274	7	2	0.4	Y	Y	-	-	Y	Y
5814 (139239682)	292	292	0	0	0.0	Y	Y	-	-	Y	Y
5793: Gorseinon Road (137611770)	663	688	25	4	1.0	Y	Y	-	-	Y	Y
5775 (136180732)	509	481	-28	-5	1.2	Y	Y	-	-	Y	Y
5772 (136180654)	1416	1438	22	2	0.6	Y	-	Y	-	Y	Y
5769 (135849818)	2856	2829	-27	-1	0.5	Y	-	-	Y	Y	Y
4146 (49532807)	120	118	-2	-2	0.2	Y	Y	-	-	Y	Y
4120 (49532792)	0	0	0	0	0.0	Y	Y	-	-	Y	Y
4108 (49309286)	142	141	-1	-1	0.1	Y	Y	-	-	Y	Y
4104 (49309281)	300	318	18	6	1.0	Y	Y	-	-	Y	Y
3615: Gorseinon Road (43585865)	715	704	-11	-2	0.4	Y	-	Y	-	Y	Y
3332: Clasemont Road (41494413)	653	641	-12	-2	0.5	Y	Y	-	-	Y	Y
3331: Clasemont Road (41494413)	888	906	18	2	0.6	Y	-	Y	-	Y	Y
3247: Swansea Road (41476611)	144	142	-3	-2	0.2	Y	Y	-	-	Y	Y
3228: Clasemont Road (41475682)	901	907	6	1	0.2	Y	-	Y	-	Y	Y
30961 (474514216)	1560	1586	26	2	0.7	Y	-	Y	-	Y	Y
30772: Heol y Ddraig (160839153)	1	7	6	560	2.9	Y	Y	-	-	Y	Y
30766: Heol y Ddraig (160839153)	48	53	5	10	0.7	Y	Y	-	-	Y	Y
30515 (49309286)	142	141	-1	-1	0.1	Y	Y	-	-	Y	Y
30487: Swansea Road (43585869)	91	108	17	19	1.7	Y	Y	-	-	Y	Y
30189: Mansion Gardens (938155755)	37	43	6	16	0.9	Y	Y	-	-	Y	Y
1809 (27639979)	310	312	2	1	0.1	Y	Y	-	-	Y	Y
1793: Pant Lasau Road (27639437)	374	368	-6	-2	0.3	Y	Y	-	-	Y	Y
1780: Pant Lasau Road (27639437)	556	566	10	2	0.4	Y	Y	-	-	Y	Y
1764 (27616421)	832	869	37	4	1.3	Y	-	Y	-	Y	Y
1552: Bryntywod (26551103)	44	55	11	25	1.5	Y	Y	-	-	Y	Y
1547: Bryntywod (26551103)	38	36	-2	-5	0.3	Y	Y	-	-	Y	Y
1507 (26430168)	2512	2509	-4	0	0.1	Y	-	Y	-	Y	Y
1447 (25813910)	148	146	-3	-2	0.2	Y	Y	-	-	Y	Y
1410: Clasemont Road (25703313)	662	668	6	1	0.2	Y	Y	-	-	Y	Y
1408 (25703283)	300	298	-2	-1	0.1	Y	Y	-	-	Y	Y
1235: Pontardulais Road (24540470)	261	275	14	5	0.9	Y	Y	-	-	Y	Y
1230: Pontardulais Road (24540470)	582	597	15	3	0.6	Y	Y	-	-	Y	Y
1199 (24416781)	166	169	3	2	0.2	Y	Y	-	-	Y	Y
1198 (24416780)	113	113	0	0	0.0	Y	Y	-	-	Y	Y
11755: Swansea Road (1223897225)	430	431	1	0	0.0	Y	Y	-	-	Y	Y
11752: Swansea Road (1223897225)	401	420	19	5	0.9	Y	Y	-	-	Y	Y
1081 (23670255)	170	171	1	0	0.0	Y	Y	-	-	Y	Y
10670 (988279596)	1417	1412	-5	0	0.1	Y	-	Y	-	Y	Y
10572: Mansion Gardens (938155755)	25	27	2	7	0.4	Y	Y	-	-	Y	Y
1028 (22817145)	180	181	1	0	0.0	Y	Y	-	-	Y	Y
1027 (22817145)	289	293	4	1	0.2	Y	Y	-	-	Y	Y
Mean	468	473	5	1	0.6	Y	Y	-	-	Y	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary SECTIONS_1800 - 1900

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria	Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph		
Percentage of Sections meeting criteria:						100.0%	100.0%	100.0%	-	100.0%	100.0%
7592 (474514217)	280	289	9	3	0.5	Y	Y	-	-	Y	Y
7589 (474514215)	741	753	12	2	0.4	Y	-	Y	-	Y	Y
7586 (474513239)	336	331	-5	-2	0.3	Y	Y	-	-	Y	Y
7585 (474513238)	287	304	17	6	1.0	Y	Y	-	-	Y	Y
7442 (411021773)	876	937	61	7	2.0	Y	-	Y	-	Y	Y
7440 (411021773)	667	617	-50	-7	2.0	Y	Y	-	-	Y	Y
7437 (411021770)	904	937	33	4	1.1	Y	-	Y	-	Y	Y
6631: Clasemont Road (194817304)	283	284	1	0	0.1	Y	Y	-	-	Y	Y
6630: Clasemont Road (194817304)	309	315	6	2	0.3	Y	Y	-	-	Y	Y
6254: Heol y Ddraig (160839153)	4	11	7	168	2.5	Y	Y	-	-	Y	Y
6253: Heol y Ddraig (160839153)	3	11	8	257	2.9	Y	Y	-	-	Y	Y
625 (10594616)	369	379	10	3	0.5	Y	Y	-	-	Y	Y
624 (10594615)	211	233	22	10	1.5	Y	Y	-	-	Y	Y
6238 (160839146)	20	11	-9	-47	2.4	Y	Y	-	-	Y	Y
6235 (160839146)	19	11	-8	-44	2.2	Y	Y	-	-	Y	Y
6217 (160839143)	256	263	7	3	0.4	Y	Y	-	-	Y	Y
6214 (160839140)	0	0	0	0	0.0	Y	Y	-	-	Y	Y
5839 (139239697)	125	131	6	5	0.6	Y	Y	-	-	Y	Y
5834 (139239697)	258	262	4	2	0.3	Y	Y	-	-	Y	Y
5829 (139239684)	128	133	5	4	0.5	Y	Y	-	-	Y	Y
5821 (139239682)	126	133	7	6	0.6	Y	Y	-	-	Y	Y
5818 (139239682)	142	144	2	2	0.2	Y	Y	-	-	Y	Y
5817 (139239682)	263	262	-1	0	0.1	Y	Y	-	-	Y	Y
5814 (139239682)	269	269	0	0	0.0	Y	Y	-	-	Y	Y
5793: Gorseinon Road (137611770)	587	625	38	6	1.5	Y	Y	-	-	Y	Y
5775 (136180732)	431	429	-2	-1	0.1	Y	Y	-	-	Y	Y
5772 (136180654)	1013	1064	51	5	1.6	Y	-	Y	-	Y	Y
5769 (135849818)	1820	1861	41	2	1.0	Y	-	Y	-	Y	Y
4146 (49532807)	129	131	2	2	0.2	Y	Y	-	-	Y	Y
4120 (49532792)	0	0	0	0	0.0	Y	Y	-	-	Y	Y
4108 (49309286)	131	142	11	8	0.9	Y	Y	-	-	Y	Y
4104 (49309281)	280	279	-1	0	0.0	Y	Y	-	-	Y	Y
3615: Gorseinon Road (43585865)	425	420	-5	-1	0.2	Y	Y	-	-	Y	Y
3332: Clasemont Road (41494413)	649	633	-16	-2	0.6	Y	Y	-	-	Y	Y
3331: Clasemont Road (41494413)	618	627	9	1	0.3	Y	Y	-	-	Y	Y
3247: Swansea Road (41476611)	165	154	-11	-7	0.9	Y	Y	-	-	Y	Y
3228: Clasemont Road (41475682)	624	624	0	0	0.0	Y	Y	-	-	Y	Y
30961 (474514216)	1164	1226	62	5	1.8	Y	-	Y	-	Y	Y
30772: Heol y Ddraig (160839153)	3	11	8	257	2.9	Y	Y	-	-	Y	Y
30766: Heol y Ddraig (160839153)	4	11	7	168	2.5	Y	Y	-	-	Y	Y
30515 (49309286)	131	141	10	8	0.9	Y	Y	-	-	Y	Y
30487: Swansea Road (43585869)	46	67	21	46	2.8	Y	Y	-	-	Y	Y
30189: Mansion Gardens (938155755)	24	29	5	21	1.0	Y	Y	-	-	Y	Y
1809 (27639979)	261	274	13	5	0.8	Y	Y	-	-	Y	Y
1793: Pant Lasau Road (27639437)	469	459	-10	-2	0.5	Y	Y	-	-	Y	Y
1780: Pant Lasau Road (27639437)	412	419	7	2	0.4	Y	Y	-	-	Y	Y
1764 (27616421)	565	616	51	9	2.1	Y	Y	-	-	Y	Y
1552: Bryntywod (26551103)	29	30	1	3	0.2	Y	Y	-	-	Y	Y
1547: Bryntywod (26551103)	19	25	6	32	1.3	Y	Y	-	-	Y	Y
1507 (26430168)	1664	1695	31	2	0.8	Y	-	Y	-	Y	Y
1447 (25813910)	157	153	-4	-2	0.3	Y	Y	-	-	Y	Y
1410: Clasemont Road (25703313)	630	652	22	4	0.9	Y	Y	-	-	Y	Y
1408 (25703283)	258	261	3	1	0.2	Y	Y	-	-	Y	Y
1235: Pontardulais Road (24540470)	306	289	-17	-6	1.0	Y	Y	-	-	Y	Y
1230: Pontardulais Road (24540470)	472	499	27	6	1.2	Y	Y	-	-	Y	Y
1199 (24416781)	88	94	6	7	0.7	Y	Y	-	-	Y	Y
1198 (24416780)	93	98	5	5	0.5	Y	Y	-	-	Y	Y
11755: Swansea Road (1223897225)	388	397	9	2	0.4	Y	Y	-	-	Y	Y
11752: Swansea Road (1223897225)	419	427	8	2	0.4	Y	Y	-	-	Y	Y
1081 (23670255)	188	199	11	6	0.8	Y	Y	-	-	Y	Y
10670 (988279596)	962	983	21	2	0.7	Y	-	Y	-	Y	Y
10572: Mansion Gardens (938155755)	21	28	7	31	1.3	Y	Y	-	-	Y	Y
1028 (22817145)	145	145	0	0	0.0	Y	Y	-	-	Y	Y
1027 (22817145)	274	268	-6	-2	0.4	Y	Y	-	-	Y	Y
Mean	358	367	9	2	0.9	Y	Y	-	-	Y	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary TURNS_1500 - 1600

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria	Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph		
Percentage of Sections meeting criteria:						100.0%	100.0%	-	-	100.0%	100.0%
30409	538	540	2	0	0.1	Y	Y	-	-	Y	Y
30408	48	46	-2	-4	0.3	Y	Y	-	-	Y	Y
30407	331	333	2	1	0.1	Y	Y	-	-	Y	Y
30406	275	280	5	2	0.3	Y	Y	-	-	Y	Y
30405	545	547	2	0	0.1	Y	Y	-	-	Y	Y
30404	89	88	-1	-1	0.1	Y	Y	-	-	Y	Y
30353	6	15	9	153	2.8	Y	Y	-	-	Y	Y
30352	134	127	-7	-5	0.6	Y	Y	-	-	Y	Y
30351	24	23	-1	-5	0.3	Y	Y	-	-	Y	Y
30350	343	353	10	3	0.6	Y	Y	-	-	Y	Y
30344	14	20	6	40	1.4	Y	Y	-	-	Y	Y
30198	369	358	-11	-3	0.6	Y	Y	-	-	Y	Y
30197	15	15	0	-2	0.1	Y	Y	-	-	Y	Y
30196	138	137	-1	-1	0.1	Y	Y	-	-	Y	Y
30195	32	31	-1	-2	0.1	Y	Y	-	-	Y	Y
30194	8	7	-1	-8	0.2	Y	Y	-	-	Y	Y
30193	28	30	2	7	0.4	Y	Y	-	-	Y	Y
19253	33	34	1	2	0.1	Y	Y	-	-	Y	Y
31524	104	93	-11	-11	1.1	Y	Y	-	-	Y	Y
31523	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31522	1	0	-1	-60	0.7	Y	Y	-	-	Y	Y
31521	38	50	12	30	1.7	Y	Y	-	-	Y	Y
31520	8	7	-1	-13	0.4	Y	Y	-	-	Y	Y
31519	29	32	3	10	0.5	Y	Y	-	-	Y	Y
31518	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31517	39	34	-5	-14	0.9	Y	Y	-	-	Y	Y
31516	11	7	-5	-41	1.5	Y	Y	-	-	Y	Y
31515	356	365	9	3	0.5	Y	Y	-	-	Y	Y
31514	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31513	33	33	0	1	0.1	Y	Y	-	-	Y	Y
31512	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31511	86	90	4	4	0.4	Y	Y	-	-	Y	Y
31510	12	12	0	3	0.1	Y	Y	-	-	Y	Y
31509	564	549	-15	-3	0.6	Y	Y	-	-	Y	Y
31508	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31507	579	566	-13	-2	0.5	Y	Y	-	-	Y	Y
31506	3	4	1	47	0.7	Y	Y	-	-	Y	Y
31505	11	10	-1	-8	0.3	Y	Y	-	-	Y	Y
31504	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31503	239	233	-6	-2	0.4	Y	Y	-	-	Y	Y
31502	7	4	-3	-46	1.4	Y	Y	-	-	Y	Y
31501	124	131	7	5	0.6	Y	Y	-	-	Y	Y
31500	362	384	22	6	1.1	Y	Y	-	-	Y	Y
31499	19	25	6	33	1.3	Y	Y	-	-	Y	Y
31498	74	78	4	5	0.5	Y	Y	-	-	Y	Y
31497	276	266	-10	-4	0.6	Y	Y	-	-	Y	Y
31496	58	62	4	6	0.5	Y	Y	-	-	Y	Y
31495	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31494	667	672	5	1	0.2	Y	Y	-	-	Y	Y
31493	61	49	-12	-20	1.7	Y	Y	-	-	Y	Y
31492	69	72	3	4	0.4	Y	Y	-	-	Y	Y
31491	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31490	217	223	6	3	0.4	Y	Y	-	-	Y	Y
31489	238	228	-10	-4	0.7	Y	Y	-	-	Y	Y
30798	142	139	-3	-2	0.3	Y	Y	-	-	Y	Y
30797	486	468	-18	-4	0.8	Y	Y	-	-	Y	Y
30796	10	9	-1	-13	0.4	Y	Y	-	-	Y	Y
30795	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30794	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30793	290	284	-6	-2	0.3	Y	Y	-	-	Y	Y
30792	7	1	-6	-87	3.1	Y	Y	-	-	Y	Y
30791	32	40	8	26	1.4	Y	Y	-	-	Y	Y
30790	299	299	0	0	0.0	Y	Y	-	-	Y	Y
30789	11	0	-11	-100	4.7	Y	Y	-	-	Y	Y
30788	87	103	16	18	1.6	Y	Y	-	-	Y	Y
30787	584	591	7	1	0.3	Y	Y	-	-	Y	Y
30786	26	29	3	12	0.6	Y	Y	-	-	Y	Y
30785	77	69	-8	-10	0.9	Y	Y	-	-	Y	Y
30784	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30783	68	61	-7	-11	0.9	Y	Y	-	-	Y	Y
30778	7	4	-3	-39	1.1	Y	Y	-	-	Y	Y
30776	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30775	8	11	3	31	0.8	Y	Y	-	-	Y	Y
30771	16	24	8	49	1.7	Y	Y	-	-	Y	Y
30770	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30769	4	0	-4	-100	2.8	Y	Y	-	-	Y	Y
30731	77	85	8	11	0.9	Y	Y	-	-	Y	Y
30730	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30729	123	118	-5	-4	0.4	Y	Y	-	-	Y	Y
30728	91	104	13	14	1.3	Y	Y	-	-	Y	Y
30727	196	202	6	3	0.4	Y	Y	-	-	Y	Y
30726	22	7	-15	-70	4.1	Y	Y	-	-	Y	Y
30725	242	246	4	2	0.3	Y	Y	-	-	Y	Y
30724	141	131	-10	-7	0.9	Y	Y	-	-	Y	Y
30723	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30722	301	304	3	1	0.2	Y	Y	-	-	Y	Y
30721	395	379	-16	-4	0.8	Y	Y	-	-	Y	Y
30720	17	26	9	53	1.9	Y	Y	-	-	Y	Y
30719	45	24	-21	-47	3.6	Y	Y	-	-	Y	Y
30718	141	146	5	3	0.4	Y	Y	-	-	Y	Y
30717	166	181	15	9	1.1	Y	Y	-	-	Y	Y
30716	2	0	-2	-100	2.0	Y	Y	-	-	Y	Y
30715	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30714	20	20	-1	-3	0.1	Y	Y	-	-	Y	Y
30713	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30712	27	23	-5	-17	0.9	Y	Y	-	-	Y	Y
30711	96	95	-2	-2	0.2	Y	Y	-	-	Y	Y
30710	7	15	8	114	2.4	Y	Y	-	-	Y	Y
30709	33	25	-8	-24	1.4	Y	Y	-	-	Y	Y
30708	2	4	2	75	0.9	Y	Y	-	-	Y	Y
30707	4	10	6	153	2.3	Y	Y	-	-	Y	Y
30706	31	30	-1	-3	0.1	Y	Y	-	-	Y	Y
30705	18	17	-1	-6	0.3	Y	Y	-	-	Y	Y
30704	25	18	-7	-26	1.4	Y	Y	-	-	Y	Y
30703	46	50	4	8	0.5	Y	Y	-	-	Y	Y
30702	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30701	0	10	10	inf	4.6	Y	Y	-	-	Y	Y
30700	35	45	10	28	1.5	Y	Y	-	-	Y	Y
30699	220	231	11	5	0.7	Y	Y	-	-	Y	Y
30698	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30697	2	0	-2	-100	2.0	Y	Y	-	-	Y	Y
30696	31	34	3	9	0.5	Y	Y	-	-	Y	Y

30542	136	139	3	2	0.2	Y	Y	-	-	Y	Y
30541	5	0	-5	-100	3.2	Y	Y	-	-	Y	Y
30538	12	16	4	36	1.1	Y	Y	-	-	Y	Y
30536	8	8	0	-5	0.1	Y	Y	-	-	Y	Y
30533	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30532	344	358	14	4	0.7	Y	Y	-	-	Y	Y
30529	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30527	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30526	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30524	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30523	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30521	11	15	4	35	1.1	Y	Y	-	-	Y	Y
Mean	90	90	0	0	0.8	Y	Y	-	-	Y	Y

Distribution Centre, Penllergaer, Swansea

Traffic Flow Calibration Statistics | Summary TURNS_1600 - 1700

Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria	Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph		
Percentage of Sections meeting criteria:						100.0%	100.0%	100.0%	-	100.0%	100.0%
30409	438	444	6	1	0.3	Y	Y	-	-	Y	Y
30408	38	40	2	4	0.2	Y	Y	-	-	Y	Y
30407	308	314	6	2	0.3	Y	Y	-	-	Y	Y
30406	321	308	-13	-4	0.7	Y	Y	-	-	Y	Y
30405	638	637	-1	0	0.0	Y	Y	-	-	Y	Y
30404	52	53	1	1	0.1	Y	Y	-	-	Y	Y
30353	8	15	7	88	2.1	Y	Y	-	-	Y	Y
30352	152	146	-6	-4	0.5	Y	Y	-	-	Y	Y
30351	19	15	-4	-19	0.9	Y	Y	-	-	Y	Y
30350	284	287	3	1	0.2	Y	Y	-	-	Y	Y
30344	8	13	5	60	1.5	Y	Y	-	-	Y	Y
30198	302	290	-13	-4	0.7	Y	Y	-	-	Y	Y
30197	5	14	9	180	2.9	Y	Y	-	-	Y	Y
30196	131	132	1	0	0.1	Y	Y	-	-	Y	Y
30195	20	20	0	-1	0.0	Y	Y	-	-	Y	Y
30194	17	17	0	0	0.0	Y	Y	-	-	Y	Y
30193	21	25	4	19	0.8	Y	Y	-	-	Y	Y
19253	35	38	3	9	0.5	Y	Y	-	-	Y	Y
31524	116	102	-14	-12	1.3	Y	Y	-	-	Y	Y
31523	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31522	2	1	-1	-55	0.9	Y	Y	-	-	Y	Y
31521	47	57	10	22	1.4	Y	Y	-	-	Y	Y
31520	4	5	1	25	0.5	Y	Y	-	-	Y	Y
31519	23	20	-3	-14	0.7	Y	Y	-	-	Y	Y
31518	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31517	42	27	-16	-37	2.6	Y	Y	-	-	Y	Y
31516	11	3	-8	-75	3.2	Y	Y	-	-	Y	Y
31515	409	422	13	3	0.6	Y	Y	-	-	Y	Y
31514	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31513	28	23	-5	-17	0.9	Y	Y	-	-	Y	Y
31512	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31511	51	83	32	63	3.9	Y	Y	-	-	Y	Y
31510	7	9	2	23	0.6	Y	Y	-	-	Y	Y
31509	700	692	-8	-1	0.3	Y	-	Y	-	Y	Y
31508	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31507	766	716	-50	-6	1.8	Y	-	Y	-	Y	Y
31506	0	3	3	inf	2.4	Y	Y	-	-	Y	Y
31505	4	5	1	28	0.5	Y	Y	-	-	Y	Y
31504	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31503	225	217	-8	-4	0.6	Y	Y	-	-	Y	Y
31502	1	3	2	200	1.4	Y	Y	-	-	Y	Y
31501	95	77	-18	-19	2.0	Y	Y	-	-	Y	Y
31500	360	377	17	5	0.9	Y	Y	-	-	Y	Y
31499	18	22	4	21	0.9	Y	Y	-	-	Y	Y
31498	62	69	7	11	0.8	Y	Y	-	-	Y	Y
31497	297	308	11	4	0.6	Y	Y	-	-	Y	Y
31496	74	70	-4	-5	0.4	Y	Y	-	-	Y	Y
31495	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31494	813	807	-6	-1	0.2	Y	-	Y	-	Y	Y
31493	43	38	-5	-12	0.8	Y	Y	-	-	Y	Y
31492	68	69	1	2	0.2	Y	Y	-	-	Y	Y
31491	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31490	321	327	6	2	0.4	Y	Y	-	-	Y	Y
31489	223	223	0	0	0.0	Y	Y	-	-	Y	Y
30798	159	152	-7	-4	0.6	Y	Y	-	-	Y	Y
30797	552	536	-16	-3	0.7	Y	Y	-	-	Y	Y
30796	10	8	-2	-17	0.6	Y	Y	-	-	Y	Y
30795	1	0	-1	-100	1.4	Y	Y	-	-	Y	Y
30794	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30793	264	255	-9	-3	0.6	Y	Y	-	-	Y	Y
30792	3	0	-3	-100	2.4	Y	Y	-	-	Y	Y
30791	31	36	5	17	0.9	Y	Y	-	-	Y	Y
30790	368	361	-7	-2	0.4	Y	Y	-	-	Y	Y
30789	2	0	-2	-100	2.0	Y	Y	-	-	Y	Y
30788	71	85	14	19	1.5	Y	Y	-	-	Y	Y
30787	626	613	-13	-2	0.5	Y	Y	-	-	Y	Y
30786	23	31	8	36	1.6	Y	Y	-	-	Y	Y
30785	62	49	-13	-21	1.7	Y	Y	-	-	Y	Y
30784	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30783	60	54	-7	-11	0.9	Y	Y	-	-	Y	Y
30778	3	1	-2	-53	1.1	Y	Y	-	-	Y	Y
30776	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30775	0	8	8	inf	4.1	Y	Y	-	-	Y	Y
30771	21	22	1	4	0.2	Y	Y	-	-	Y	Y
30770	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30769	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30731	49	53	4	8	0.5	Y	Y	-	-	Y	Y
30730	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30729	133	131	-2	-1	0.2	Y	Y	-	-	Y	Y
30728	89	104	15	17	1.5	Y	Y	-	-	Y	Y
30727	222	219	-4	-2	0.2	Y	Y	-	-	Y	Y
30726	15	6	-9	-58	2.7	Y	Y	-	-	Y	Y
30725	216	214	-2	-1	0.1	Y	Y	-	-	Y	Y
30724	154	143	-11	-7	0.9	Y	Y	-	-	Y	Y
30723	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30722	403	404	1	0	0.0	Y	Y	-	-	Y	Y
30721	289	291	2	1	0.1	Y	Y	-	-	Y	Y
30720	18	25	7	37	1.5	Y	Y	-	-	Y	Y
30719	33	20	-13	-40	2.6	Y	Y	-	-	Y	Y
30718	159	165	6	4	0.5	Y	Y	-	-	Y	Y
30717	157	170	13	8	1.0	Y	Y	-	-	Y	Y
30716	1	0	-1	-100	1.4	Y	Y	-	-	Y	Y
30715	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30714	37	35	-2	-5	0.3	Y	Y	-	-	Y	Y
30713	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30712	35	27	-8	-24	1.5	Y	Y	-	-	Y	Y
30711	96	99	3	3	0.3	Y	Y	-	-	Y	Y
30710	8	17	9	114	2.6	Y	Y	-	-	Y	Y
30709	46	35	-11	-24	1.7	Y	Y	-	-	Y	Y
30708	4	5	1	35	0.6	Y	Y	-	-	Y	Y
30707	7	7	0	0	0.0	Y	Y	-	-	Y	Y
30706	20	27	7	36	1.5	Y	Y	-	-	Y	Y
30705	31	25	-6	-21	1.2	Y	Y	-	-	Y	Y
30704	43	39	-5	-10	0.7	Y	Y	-	-	Y	Y
30703	66	73	7	11	0.9	Y	Y	-	-	Y	Y
30702	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30701	0	7	7	inf	3.8	Y	Y	-	-	Y	Y
30700	52	63	11	21	1.4	Y	Y	-	-	Y	Y
30699	212	225	13	6	0.9	Y	Y	-	-	Y	Y
30698	1	0	-1	-100	1.4	Y	Y	-	-	Y	Y
30697	2	0	-2	-100	2.0	Y	Y	-	-	Y	Y
30696	34	42	8	24	1.3	Y	Y	-	-	Y	Y

30542	150	147	-3	-2	0.3	Y	Y	-	-	Y	Y
30541	3	0	-3	-100	2.4	Y	Y	-	-	Y	Y
30538	8	10	2	28	0.7	Y	Y	-	-	Y	Y
30536	9	12	3	30	0.8	Y	Y	-	-	Y	Y
30533	2	0	-2	-100	2.0	Y	Y	-	-	Y	Y
30532	301	296	-5	-2	0.3	Y	Y	-	-	Y	Y
30529	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30527	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30526	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30524	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30523	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30521	4	10	6	143	2.2	Y	Y	-	-	Y	Y
Mean	96	96	0	0	0.9	Y	Y	-	-	Y	Y

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Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria	Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph		
Percentage of Sections meeting criteria:						100.0%	100.0%	100.0%	-	100.0%	100.0%
30409	391	399	8	2	0.4	Y	Y	-	-	Y	Y
30408	52	52	0	-1	0.1	Y	Y	-	-	Y	Y
30407	331	325	-6	-2	0.3	Y	Y	-	-	Y	Y
30406	322	317	-5	-2	0.3	Y	Y	-	-	Y	Y
30405	497	507	10	2	0.4	Y	Y	-	-	Y	Y
30404	59	59	0	0	0.0	Y	Y	-	-	Y	Y
30353	7	10	3	43	1.0	Y	Y	-	-	Y	Y
30352	140	135	-5	-4	0.5	Y	Y	-	-	Y	Y
30351	32	29	-3	-9	0.5	Y	Y	-	-	Y	Y
30350	260	263	3	1	0.2	Y	Y	-	-	Y	Y
30344	6	7	1	17	0.4	Y	Y	-	-	Y	Y
30198	288	287	-1	0	0.0	Y	Y	-	-	Y	Y
30197	8	13	5	61	1.5	Y	Y	-	-	Y	Y
30196	112	111	-1	-1	0.1	Y	Y	-	-	Y	Y
30195	29	30	1	4	0.2	Y	Y	-	-	Y	Y
30194	4	6	2	53	0.9	Y	Y	-	-	Y	Y
30193	21	21	0	-1	0.1	Y	Y	-	-	Y	Y
19253	37	45	8	22	1.2	Y	Y	-	-	Y	Y
31524	75	75	0	0	0.0	Y	Y	-	-	Y	Y
31523	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31522	2	0	-2	-85	1.6	Y	Y	-	-	Y	Y
31521	34	41	7	19	1.1	Y	Y	-	-	Y	Y
31520	13	7	-6	-45	1.9	Y	Y	-	-	Y	Y
31519	24	22	-2	-8	0.4	Y	Y	-	-	Y	Y
31518	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31517	39	29	-10	-27	1.8	Y	Y	-	-	Y	Y
31516	11	1	-10	-89	4.0	Y	Y	-	-	Y	Y
31515	424	422	-2	-1	0.1	Y	Y	-	-	Y	Y
31514	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31513	35	31	-4	-11	0.7	Y	Y	-	-	Y	Y
31512	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31511	72	83	11	16	1.3	Y	Y	-	-	Y	Y
31510	11	15	4	37	1.1	Y	Y	-	-	Y	Y
31509	603	621	18	3	0.7	Y	Y	-	-	Y	Y
31508	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31507	730	734	4	1	0.1	Y	-	Y	-	Y	Y
31506	1	6	5	460	2.5	Y	Y	-	-	Y	Y
31505	5	5	0	-4	0.1	Y	Y	-	-	Y	Y
31504	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31503	187	204	17	9	1.2	Y	Y	-	-	Y	Y
31502	6	5	-1	-10	0.3	Y	Y	-	-	Y	Y
31501	101	99	-2	-2	0.2	Y	Y	-	-	Y	Y
31500	372	390	18	5	0.9	Y	Y	-	-	Y	Y
31499	15	18	3	23	0.8	Y	Y	-	-	Y	Y
31498	67	67	0	1	0.0	Y	Y	-	-	Y	Y
31497	312	299	-13	-4	0.8	Y	Y	-	-	Y	Y
31496	66	80	14	21	1.6	Y	Y	-	-	Y	Y
31495	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31494	676	697	21	3	0.8	Y	Y	-	-	Y	Y
31493	39	35	-4	-9	0.6	Y	Y	-	-	Y	Y
31492	51	58	7	13	0.9	Y	Y	-	-	Y	Y
31491	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31490	389	383	-6	-2	0.3	Y	Y	-	-	Y	Y
31489	262	252	-10	-4	0.6	Y	Y	-	-	Y	Y
30798	143	147	4	3	0.3	Y	Y	-	-	Y	Y
30797	563	553	-11	-2	0.4	Y	Y	-	-	Y	Y
30796	9	5	-4	-44	1.5	Y	Y	-	-	Y	Y
30795	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30794	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30793	238	246	8	3	0.5	Y	Y	-	-	Y	Y
30792	0	0	0	inf	0.6	Y	Y	-	-	Y	Y
30791	23	29	6	25	1.1	Y	Y	-	-	Y	Y
30790	410	418	8	2	0.4	Y	Y	-	-	Y	Y
30789	3	0	-3	-100	2.4	Y	Y	-	-	Y	Y
30788	82	103	21	26	2.2	Y	Y	-	-	Y	Y
30787	591	615	24	4	1.0	Y	Y	-	-	Y	Y
30786	29	33	4	13	0.7	Y	Y	-	-	Y	Y
30785	66	63	-3	-4	0.3	Y	Y	-	-	Y	Y
30784	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30783	49	45	-4	-9	0.6	Y	Y	-	-	Y	Y
30778	1	1	-1	-50	0.6	Y	Y	-	-	Y	Y
30776	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30775	0	6	6	inf	3.5	Y	Y	-	-	Y	Y
30771	47	53	6	12	0.8	Y	Y	-	-	Y	Y
30770	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30769	1	0	-1	-100	1.4	Y	Y	-	-	Y	Y
30731	38	42	4	11	0.7	Y	Y	-	-	Y	Y
30730	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30729	110	103	-7	-7	0.7	Y	Y	-	-	Y	Y
30728	71	80	9	13	1.1	Y	Y	-	-	Y	Y
30727	170	189	19	11	1.4	Y	Y	-	-	Y	Y
30726	12	6	-6	-49	2.0	Y	Y	-	-	Y	Y
30725	199	201	2	1	0.1	Y	Y	-	-	Y	Y
30724	180	169	-11	-6	0.8	Y	Y	-	-	Y	Y
30723	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30722	290	302	12	4	0.7	Y	Y	-	-	Y	Y
30721	202	204	2	1	0.1	Y	Y	-	-	Y	Y
30720	30	31	1	3	0.1	Y	Y	-	-	Y	Y
30719	42	28	-14	-34	2.4	Y	Y	-	-	Y	Y
30718	141	144	3	2	0.2	Y	Y	-	-	Y	Y
30717	150	163	13	9	1.0	Y	Y	-	-	Y	Y
30716	2	0	-2	-100	2.0	Y	Y	-	-	Y	Y
30715	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30714	37	31	-6	-17	1.1	Y	Y	-	-	Y	Y
30713	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30712	37	27	-10	-28	1.8	Y	Y	-	-	Y	Y
30711	88	88	0	0	0.0	Y	Y	-	-	Y	Y
30710	14	26	12	86	2.7	Y	Y	-	-	Y	Y
30709	38	35	-3	-7	0.4	Y	Y	-	-	Y	Y
30708	3	5	2	73	1.1	Y	Y	-	-	Y	Y
30707	10	12	2	19	0.6	Y	Y	-	-	Y	Y
30706	36	41	5	14	0.8	Y	Y	-	-	Y	Y
30705	28	27	-1	-4	0.2	Y	Y	-	-	Y	Y
30704	31	28	-3	-11	0.6	Y	Y	-	-	Y	Y
30703	61	62	1	1	0.1	Y	Y	-	-	Y	Y
30702	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30701	0	10	10	inf	4.4	Y	Y	-	-	Y	Y
30700	36	50	14	38	2.1	Y	Y	-	-	Y	Y
30699	286	289	3	1	0.2	Y	Y	-	-	Y	Y
30698	1	0	-1	-100	1.4	Y	Y	-	-	Y	Y
30697	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30696	31	41	10	31	1.6	Y	Y	-	-	Y	Y

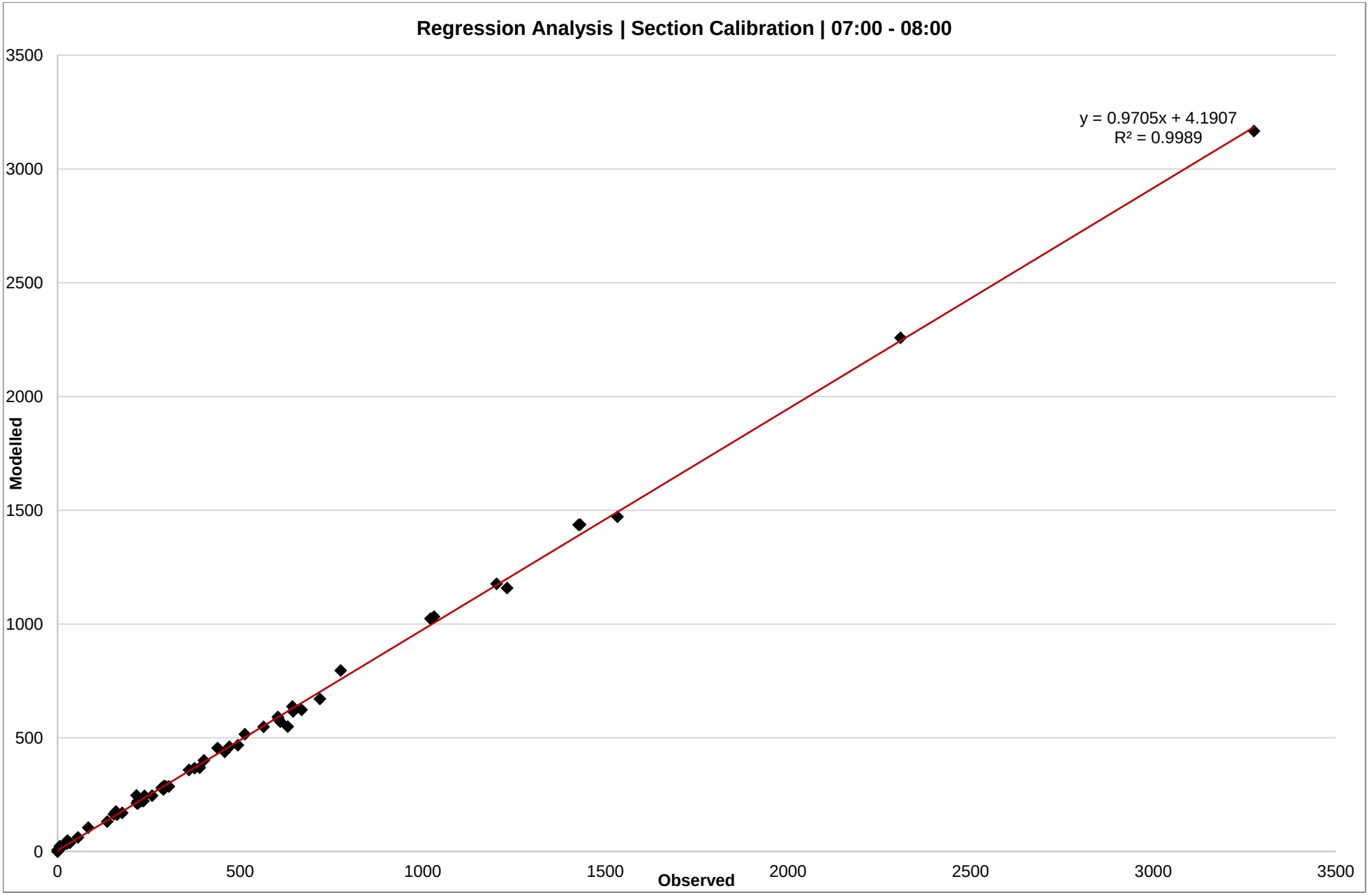
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30538	28	29	1	5	0.3	Y	Y	-	-	Y	Y
30536	19	24	5	24	1.0	Y	Y	-	-	Y	Y
30533	1	0	-1	-100	1.4	Y	Y	-	-	Y	Y
30532	270	268	-2	-1	0.1	Y	Y	-	-	Y	Y
30529	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30527	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30526	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30524	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30523	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30521	0	7	7	inf	3.6	Y	Y	-	-	Y	Y
Mean	91	93	2	2	0.8	Y	Y	-	-	Y	Y

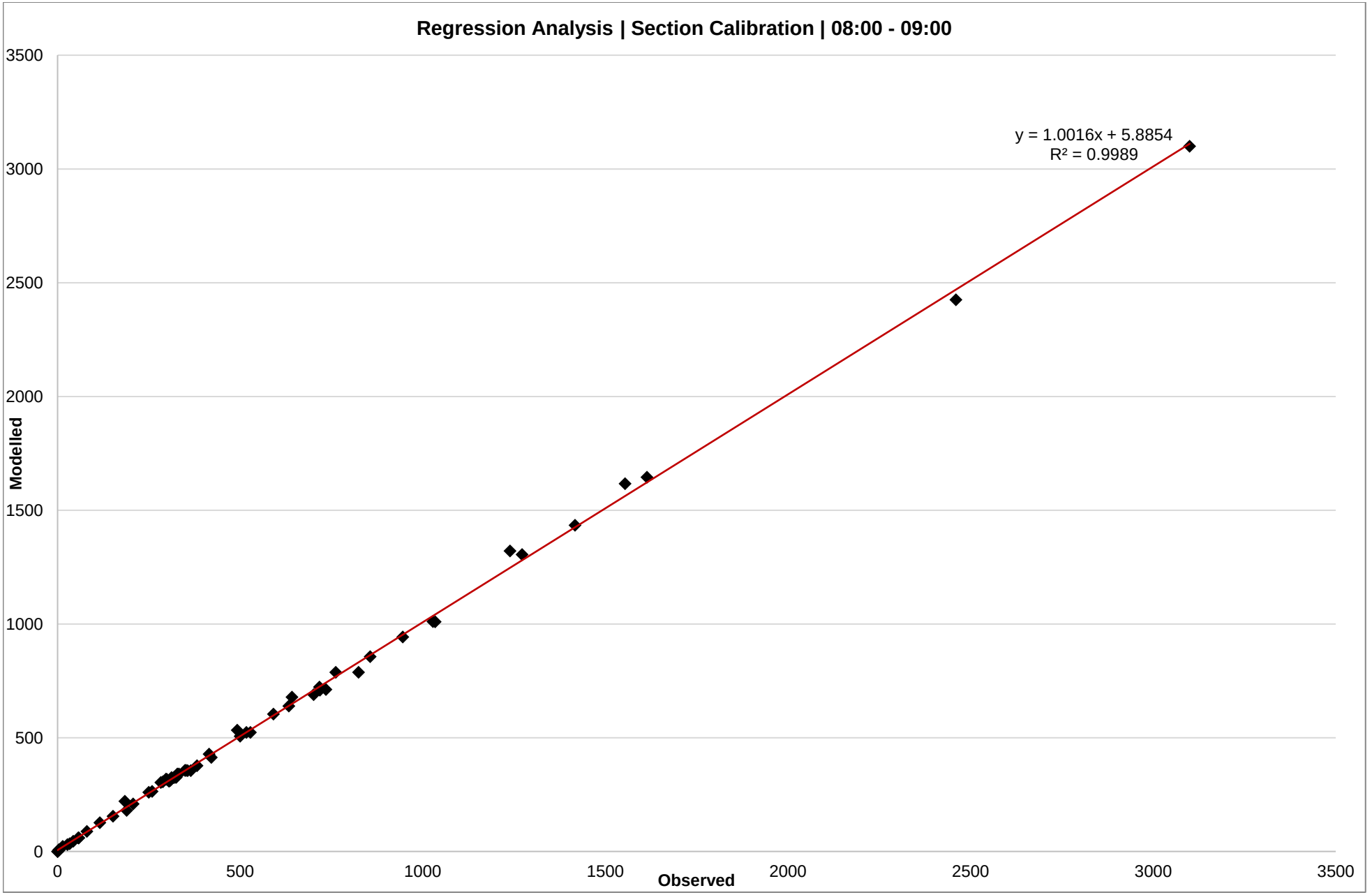
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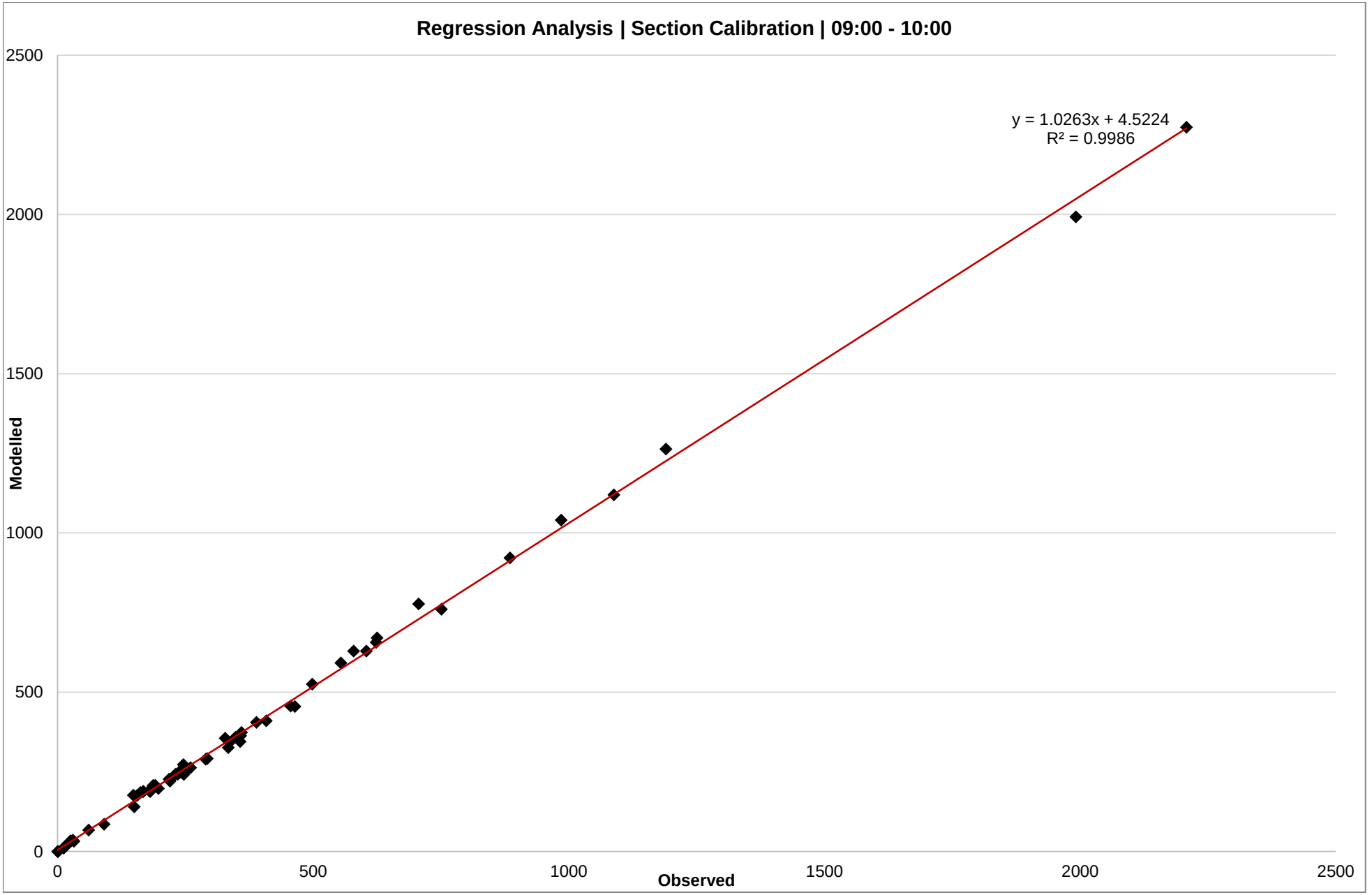
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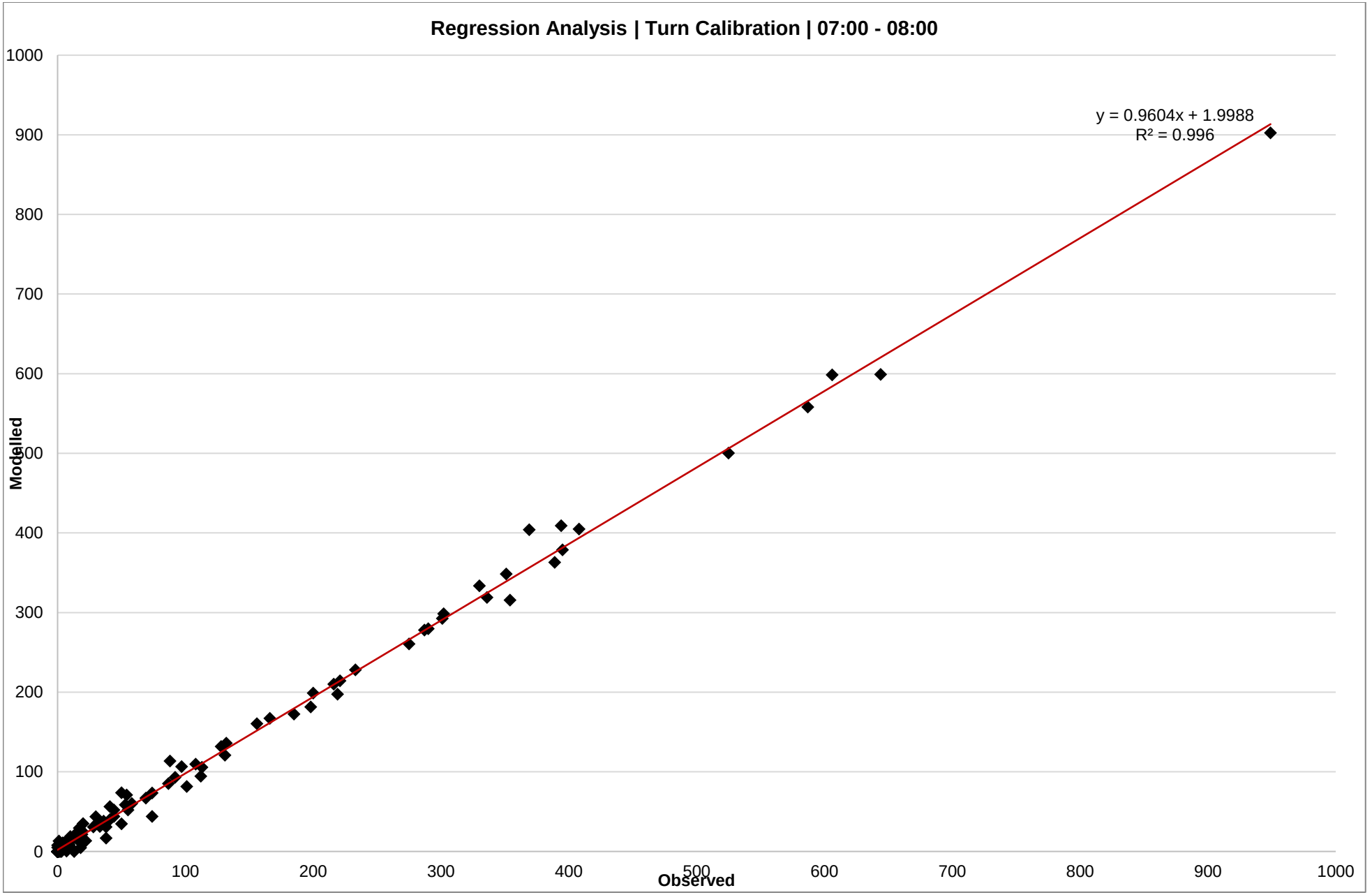
Object	Observed	Simulated	Absolute Difference	Relative Difference (%)	GEH	Criteria 1	Criteria 2			Both Criteria	Both Criteria
						GEH Statistic less than 5.0	Count less than 700 vph modelled within 100 vph	Counts between 700 vph and 2,700 vph modelled within 15%	Count greater than 2,700 vph modelled within 400 vph		
Percentage of Sections meeting criteria:						99.2%	100.0%	-	-	99.2%	99.2%
30409	259	260	1	0	0.0	Y	Y	-	-	Y	Y
30408	50	55	5	10	0.7	Y	Y	-	-	Y	Y
30407	230	228	-2	-1	0.1	Y	Y	-	-	Y	Y
30406	419	404	-15	-3	0.7	Y	Y	-	-	Y	Y
30405	359	366	7	2	0.4	Y	Y	-	-	Y	Y
30404	53	54	1	1	0.1	Y	Y	-	-	Y	Y
30353	8	9	1	15	0.4	Y	Y	-	-	Y	Y
30352	121	124	3	2	0.2	Y	Y	-	-	Y	Y
30351	14	16	2	11	0.4	Y	Y	-	-	Y	Y
30350	255	253	-2	-1	0.1	Y	Y	-	-	Y	Y
30344	5	10	5	90	1.7	Y	Y	-	-	Y	Y
30198	247	251	4	2	0.3	Y	Y	-	-	Y	Y
30197	11	11	0	3	0.1	Y	Y	-	-	Y	Y
30196	118	124	6	5	0.5	Y	Y	-	-	Y	Y
30195	13	18	5	35	1.2	Y	Y	-	-	Y	Y
30194	7	8	1	11	0.3	Y	Y	-	-	Y	Y
30193	14	20	6	41	1.4	Y	Y	-	-	Y	Y
19253	21	21	0	-1	0.0	Y	Y	-	-	Y	Y
31524	85	71	-14	-16	1.6	Y	Y	-	-	Y	Y
31523	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31522	2	0	-2	-90	1.7	Y	Y	-	-	Y	Y
31521	40	51	11	28	1.6	Y	Y	-	-	Y	Y
31520	6	5	-1	-18	0.5	Y	Y	-	-	Y	Y
31519	24	27	3	12	0.6	Y	Y	-	-	Y	Y
31518	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31517	35	34	-1	-3	0.2	Y	Y	-	-	Y	Y
31516	11	5	-6	-53	2.0	Y	Y	-	-	Y	Y
31515	348	355	7	2	0.4	Y	Y	-	-	Y	Y
31514	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31513	37	36	-1	-2	0.1	Y	Y	-	-	Y	Y
31512	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31511	110	109	-1	-1	0.1	Y	Y	-	-	Y	Y
31510	5	8	3	54	1.1	Y	Y	-	-	Y	Y
31509	402	418	16	4	0.8	Y	Y	-	-	Y	Y
31508	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31507	496	518	22	4	1.0	Y	Y	-	-	Y	Y
31506	1	2	1	140	1.1	Y	Y	-	-	Y	Y
31505	7	6	-1	-10	0.3	Y	Y	-	-	Y	Y
31504	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31503	123	125	2	1	0.2	Y	Y	-	-	Y	Y
31502	6	3	-4	-58	1.7	Y	Y	-	-	Y	Y
31501	143	142	-1	-1	0.1	Y	Y	-	-	Y	Y
31500	246	246	0	0	0.0	Y	Y	-	-	Y	Y
31499	7	20	13	181	3.5	Y	Y	-	-	Y	Y
31498	38	53	15	40	2.3	Y	Y	-	-	Y	Y
31497	251	279	28	11	1.7	Y	Y	-	-	Y	Y
31496	23	37	14	60	2.5	Y	Y	-	-	Y	Y
31495	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31494	409	421	12	3	0.6	Y	Y	-	-	Y	Y
31493	29	31	2	6	0.3	Y	Y	-	-	Y	Y
31492	75	75	-1	-1	0.1	Y	Y	-	-	Y	Y
31491	0	0	0	0	0.0	Y	Y	-	-	Y	Y
31490	245	248	3	1	0.2	Y	Y	-	-	Y	Y
31489	204	207	3	1	0.2	Y	Y	-	-	Y	Y
30798	136	136	0	0	0.0	Y	Y	-	-	Y	Y
30797	284	281	-3	-1	0.2	Y	Y	-	-	Y	Y
30796	5	4	-1	-14	0.3	Y	Y	-	-	Y	Y
30795	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30794	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30793	299	269	-30	-10	1.8	Y	Y	-	-	Y	Y
30792	1	0	-1	-80	1.0	Y	Y	-	-	Y	Y
30791	6	20	14	230	3.8	Y	Y	-	-	Y	Y
30790	307	323	16	5	0.9	Y	Y	-	-	Y	Y
30789	2	0	-2	-100	2.0	Y	Y	-	-	Y	Y
30788	40	63	23	57	3.2	Y	Y	-	-	Y	Y
30787	527	551	24	5	1.0	Y	Y	-	-	Y	Y
30786	29	38	9	32	1.6	Y	Y	-	-	Y	Y
30785	82	65	-17	-21	2.0	Y	Y	-	-	Y	Y
30784	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30783	54	52	-3	-5	0.3	Y	Y	-	-	Y	Y
30778	2	2	0	20	0.3	Y	Y	-	-	Y	Y
30776	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30775	1	8	7	730	3.4	Y	Y	-	-	Y	Y
30771	4	11	7	168	2.5	Y	Y	-	-	Y	Y
30770	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30769	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30731	43	44	1	3	0.2	Y	Y	-	-	Y	Y
30730	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30729	131	132	1	1	0.1	Y	Y	-	-	Y	Y
30728	40	54	14	34	2.0	Y	Y	-	-	Y	Y
30727	198	189	-9	-4	0.6	Y	Y	-	-	Y	Y
30726	7	7	0	0	0.0	Y	Y	-	-	Y	Y
30725	203	196	-7	-4	0.5	Y	Y	-	-	Y	Y
30724	144	142	-3	-2	0.2	Y	Y	-	-	Y	Y
30723	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30722	152	159	7	4	0.5	Y	Y	-	-	Y	Y
30721	89	97	8	8	0.8	Y	Y	-	-	Y	Y
30720	36	34	-2	-4	0.3	Y	Y	-	-	Y	Y
30719	22	17	-5	-25	1.2	Y	Y	-	-	Y	Y
30718	175	171	-4	-3	0.3	Y	Y	-	-	Y	Y
30717	150	166	16	11	1.3	Y	Y	-	-	Y	Y
30716	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30715	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30714	22	25	3	15	0.7	Y	Y	-	-	Y	Y
30713	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30712	34	28	-6	-17	1.0	Y	Y	-	-	Y	Y
30711	90	95	5	5	0.5	Y	Y	-	-	Y	Y
30710	2	7	5	225	2.2	Y	Y	-	-	Y	Y
30709	18	12	-6	-33	1.5	Y	Y	-	-	Y	Y
30708	1	3	2	200	1.4	Y	Y	-	-	Y	Y
30707	6	5	-1	-15	0.4	Y	Y	-	-	Y	Y
30706	21	26	5	26	1.1	Y	Y	-	-	Y	Y
30705	13	16	3	25	0.8	Y	Y	-	-	Y	Y
30704	17	14	-3	-18	0.8	Y	Y	-	-	Y	Y
30703	31	33	2	6	0.4	Y	Y	-	-	Y	Y
30702	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30701	0	6	6	inf	3.5	Y	Y	-	-	Y	Y
30700	14	29	15	107	3.2	Y	Y	-	-	Y	Y
30699	246	242	-4	-2	0.3	Y	Y	-	-	Y	Y
30698	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30697	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30696	27	28	1	4	0.2	Y	Y	-	-	Y	Y

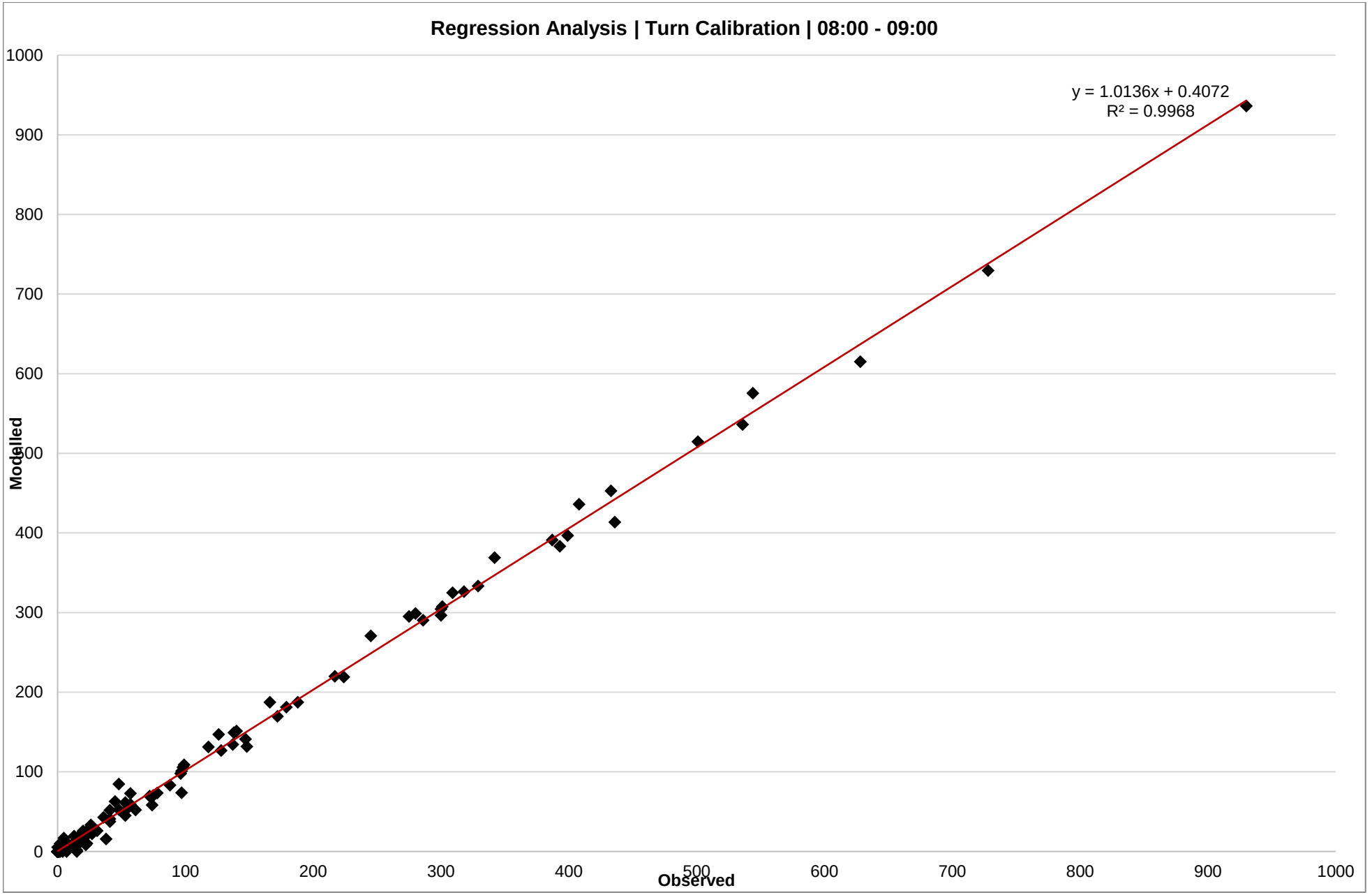
30542	126	129	3	2	0.2	Y	Y	-	-	Y	Y
30541	1	0	-1	-100	1.4	Y	Y	-	-	Y	Y
30538	3	6	3	100	1.4	Y	Y	-	-	Y	Y
30536	1	5	4	370	2.2	Y	Y	-	-	Y	Y
30533	1	0	-1	-100	1.4	Y	Y	-	-	Y	Y
30532	254	254	0	0	0.0	Y	Y	-	-	Y	Y
30529	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30527	16	0	-16	-100	5.7	N	Y	-	-	N	N
30526	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30524	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30523	0	0	0	0	0.0	Y	Y	-	-	Y	Y
30521	3	11	8	257	2.9	Y	Y	-	-	Y	Y
Mean	71	73	2	3	0.9	Y	Y	-	-	Y	Y

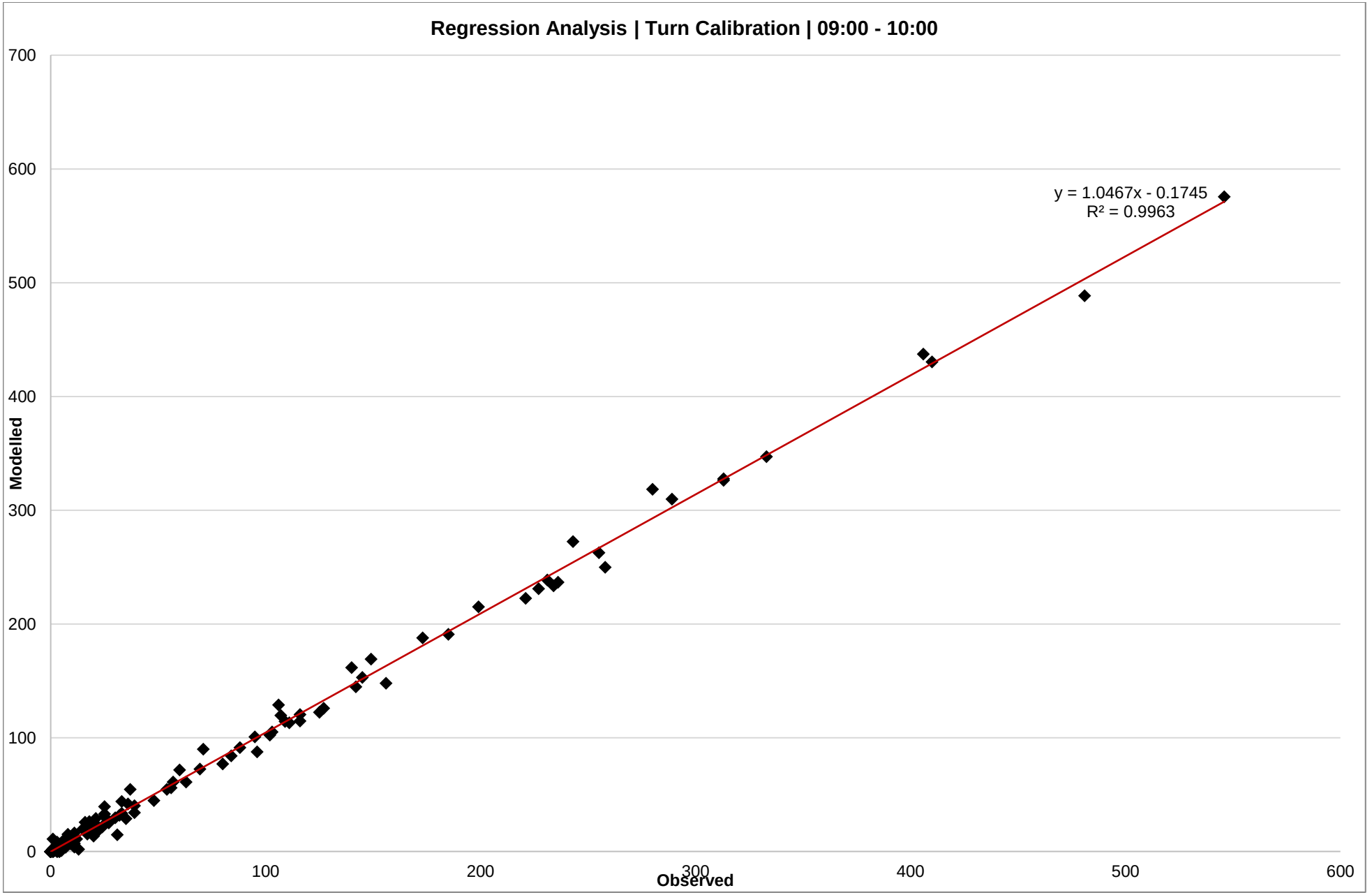

Regression Analysis | Section Calibration | 07:00 - 08:00
y = 0.9705x + 4.1907
R² = 0.9989
Modelled
Observed
0
500
1000
1500
2000
2500
3000
3500

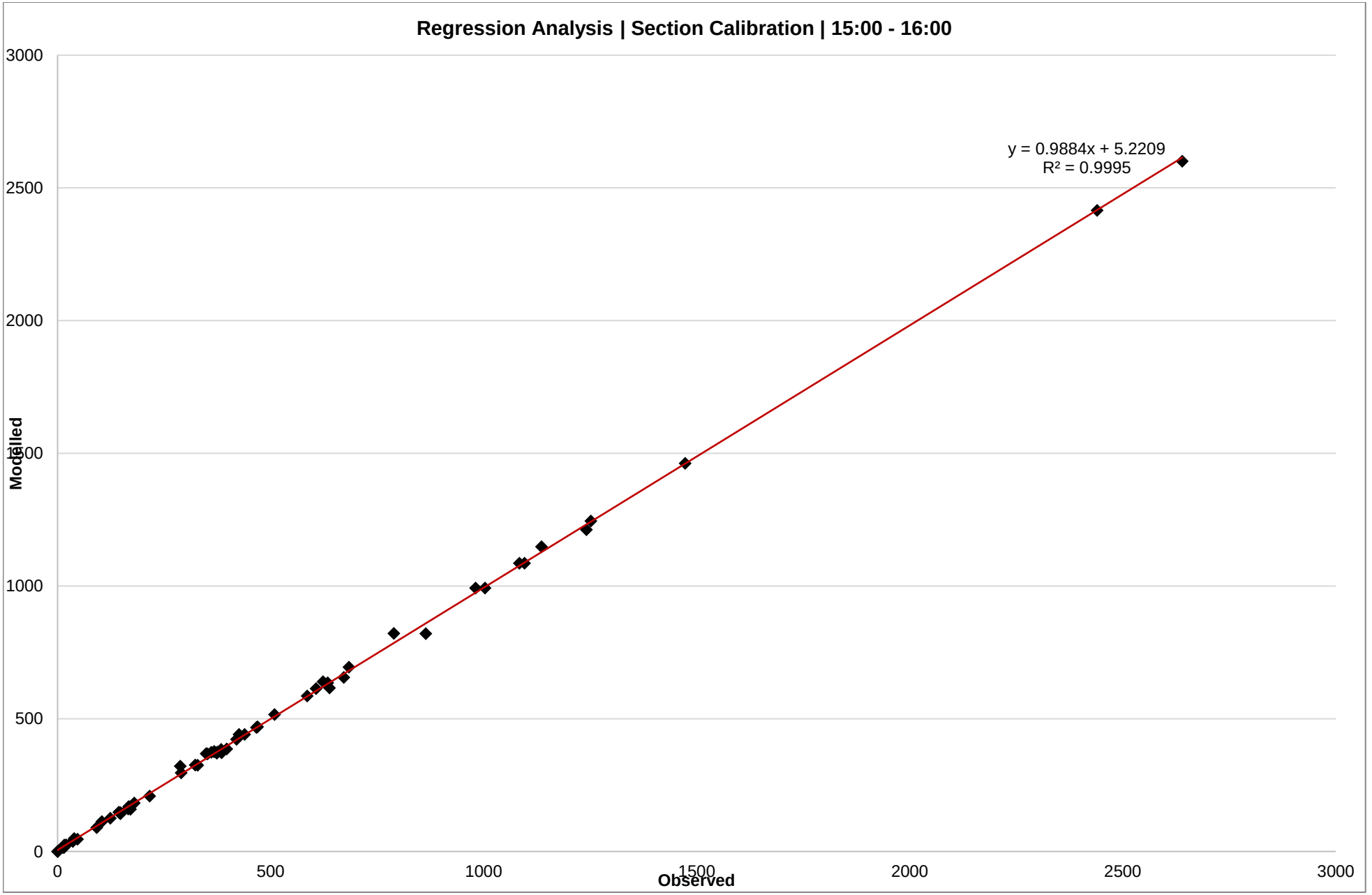

Regression Analysis | Section Calibration | 08:00 - 09:00
y = 1.0016x + 5.8854
R² = 0.9989
Modelled
Observed
0
500
1000
1500
2000
2500
3000
3500

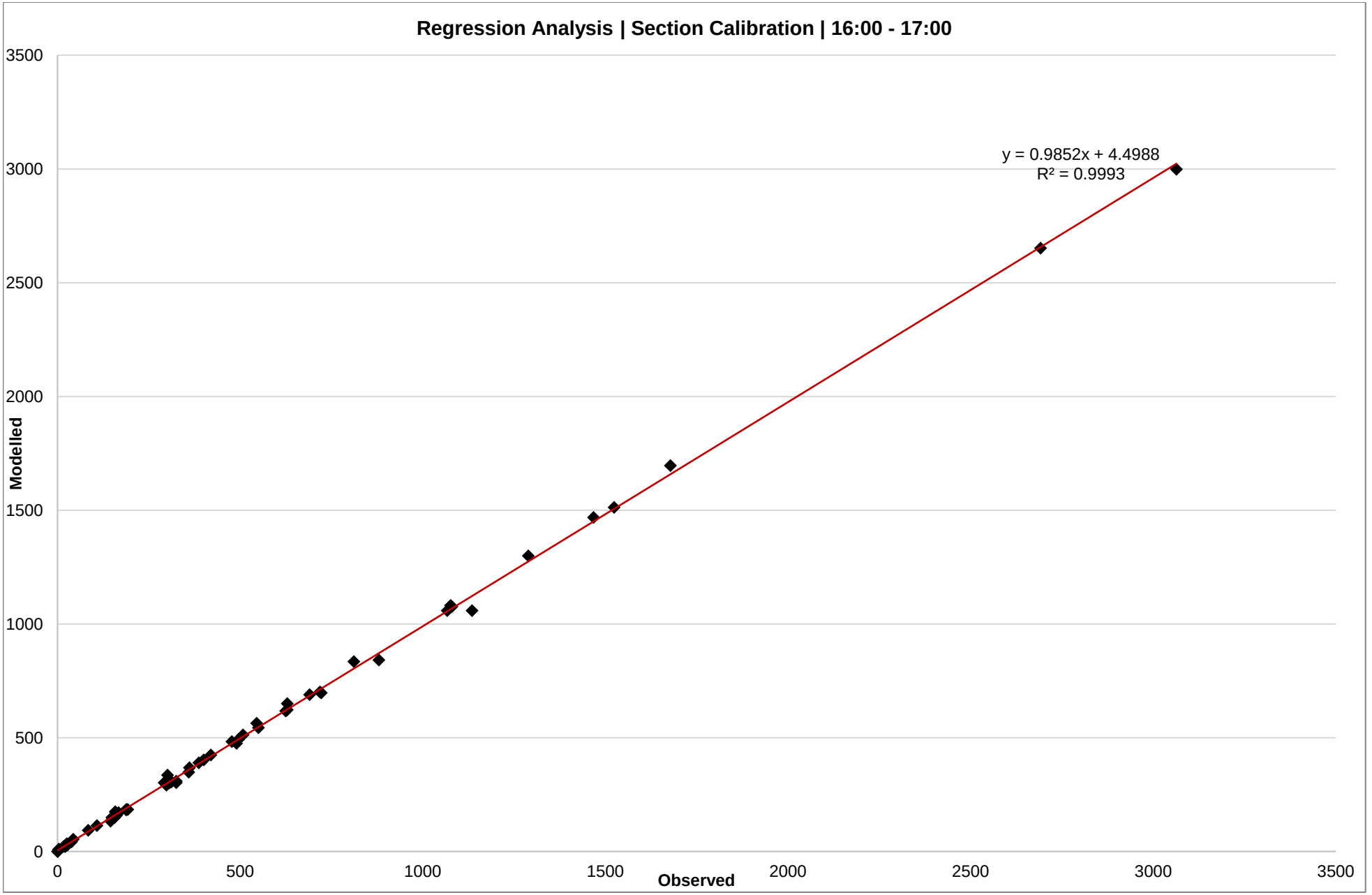

Regression Analysis | Section Calibration | 09:00 - 10:00
y = 1.0263x + 4.5224
R² = 0.9986
Modelled
Observed
0
500
1000
1500
2000
2500

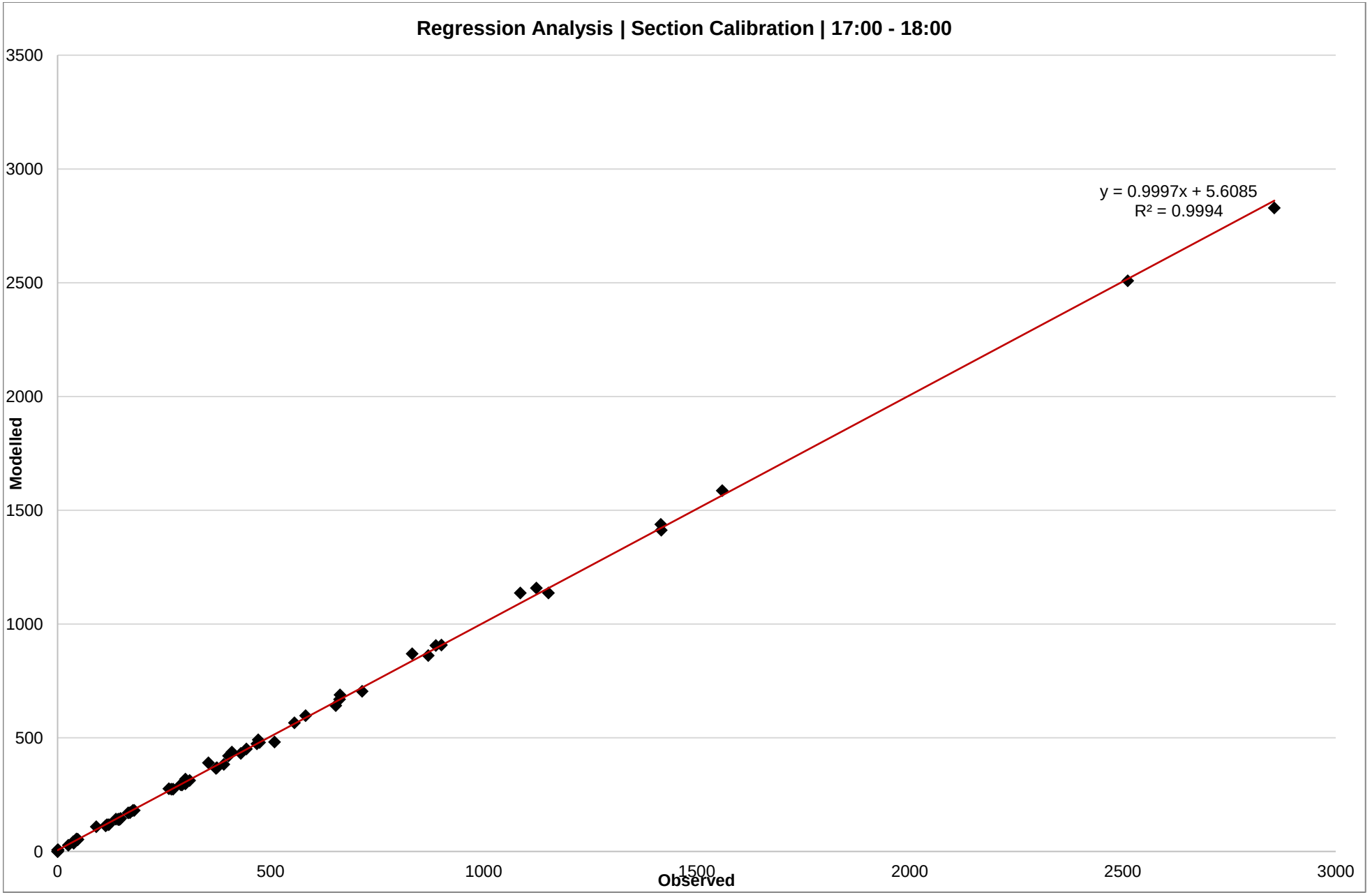

Regression Analysis | Turn Calibration | 07:00 - 08:00
y = 0.9604x + 1.9988
R² = 0.996
Modelled
Observed
0
100
200
300
400
500
600
700
800
900
1000

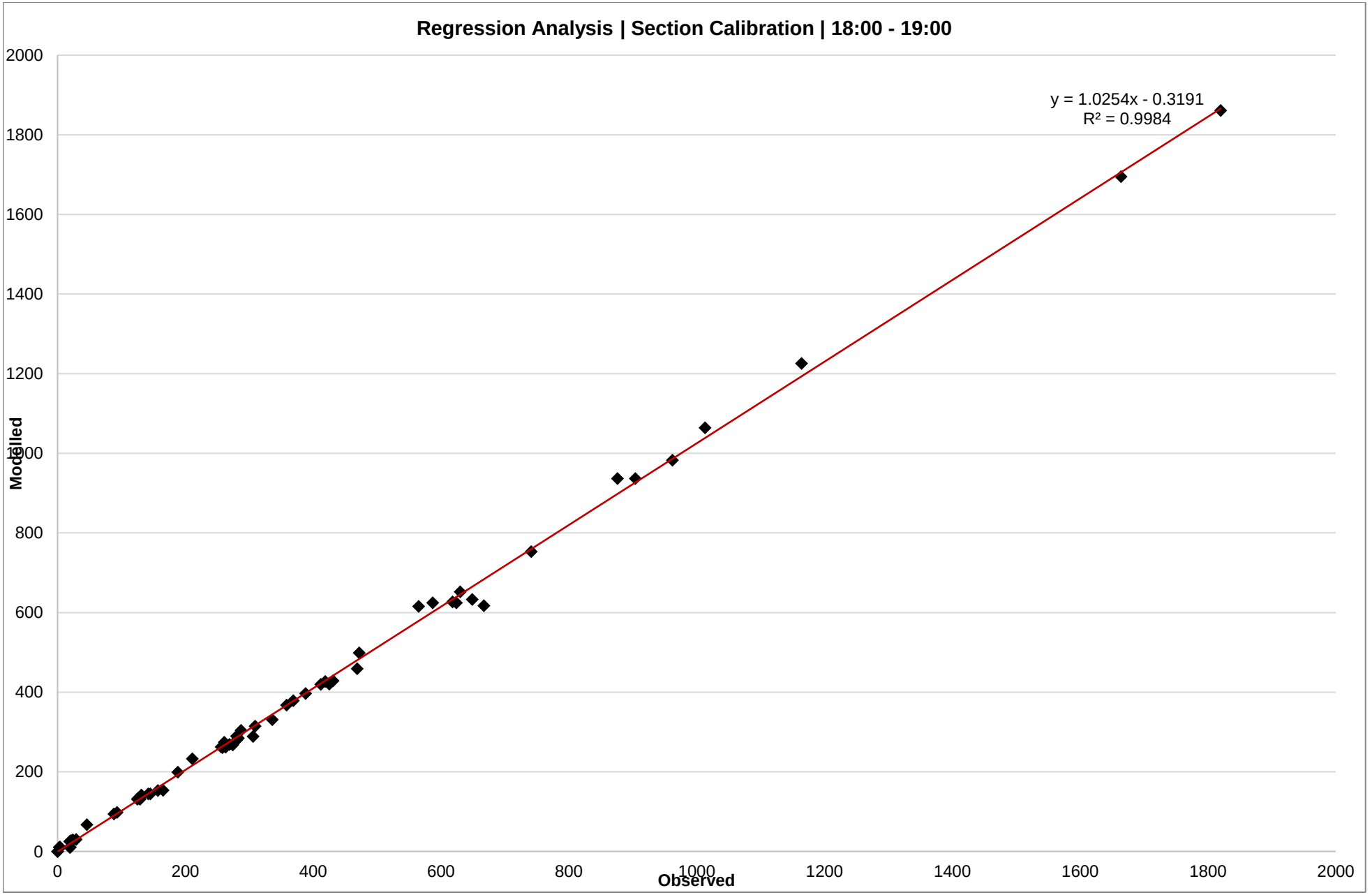

Regression Analysis | Turn Calibration | 08:00 - 09:00
y = 1.0136x + 0.4072
R² = 0.9968
Modelled
Observed
0
100
200
300
400
500
600
700
800
900
1000

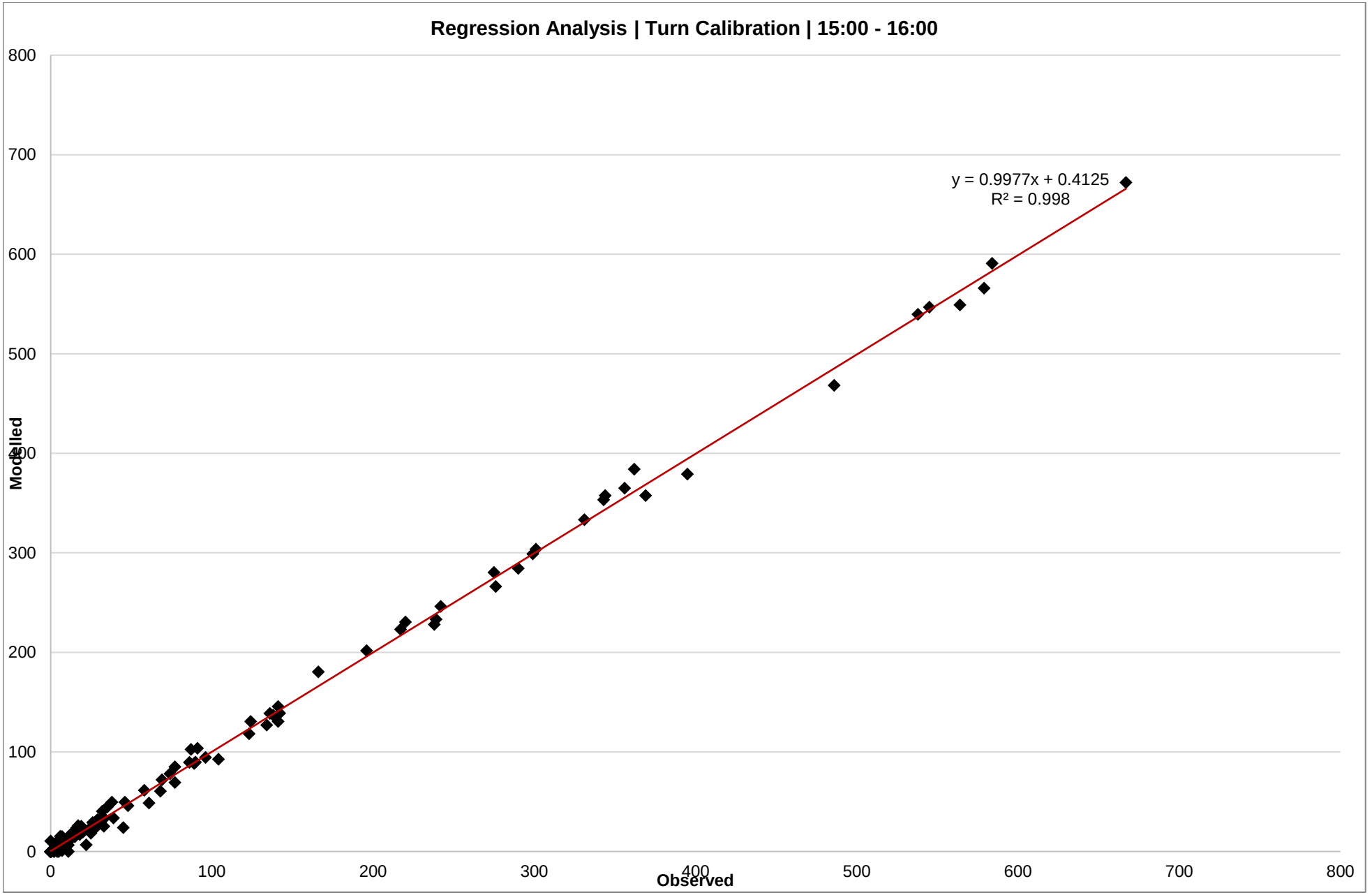

Regression Analysis | Turn Calibration | 09:00 - 10:00
y = 1.0467x - 0.1745
R² = 0.9963
Modelled
Observed
0
100
200
300
400
500
600
700

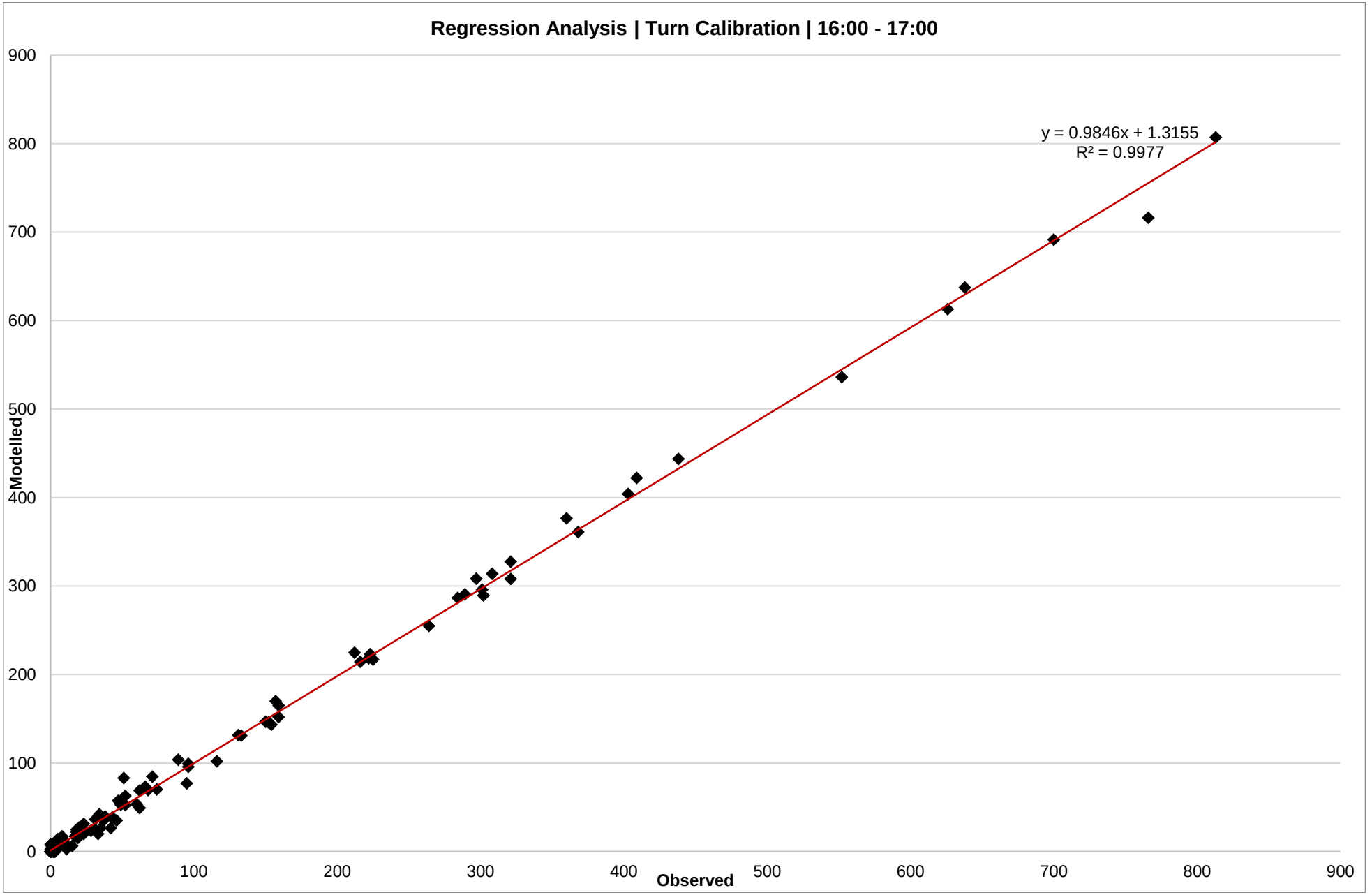

Regression Analysis | Section Calibration | 15:00 - 16:00
y = 0.9884x + 5.2209
R² = 0.9995
Modelled
Observed
0
500
1000
1500
2000
2500
3000

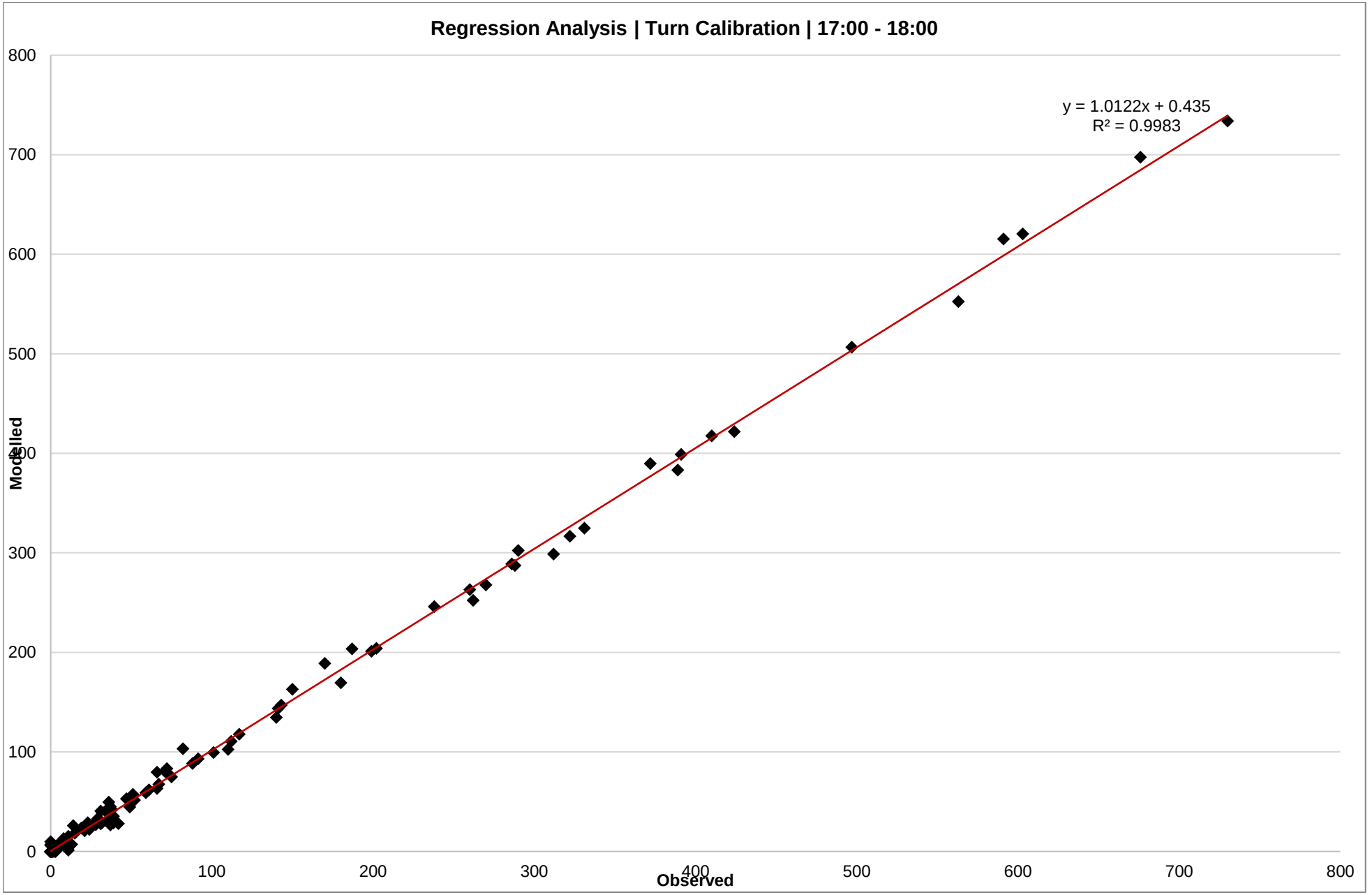

Regression Analysis | Section Calibration | 16:00 - 17:00
y = 0.9852x + 4.4988
R² = 0.9993
Modelled
Observed
0
500
1000
1500
2000
2500
3000
3500

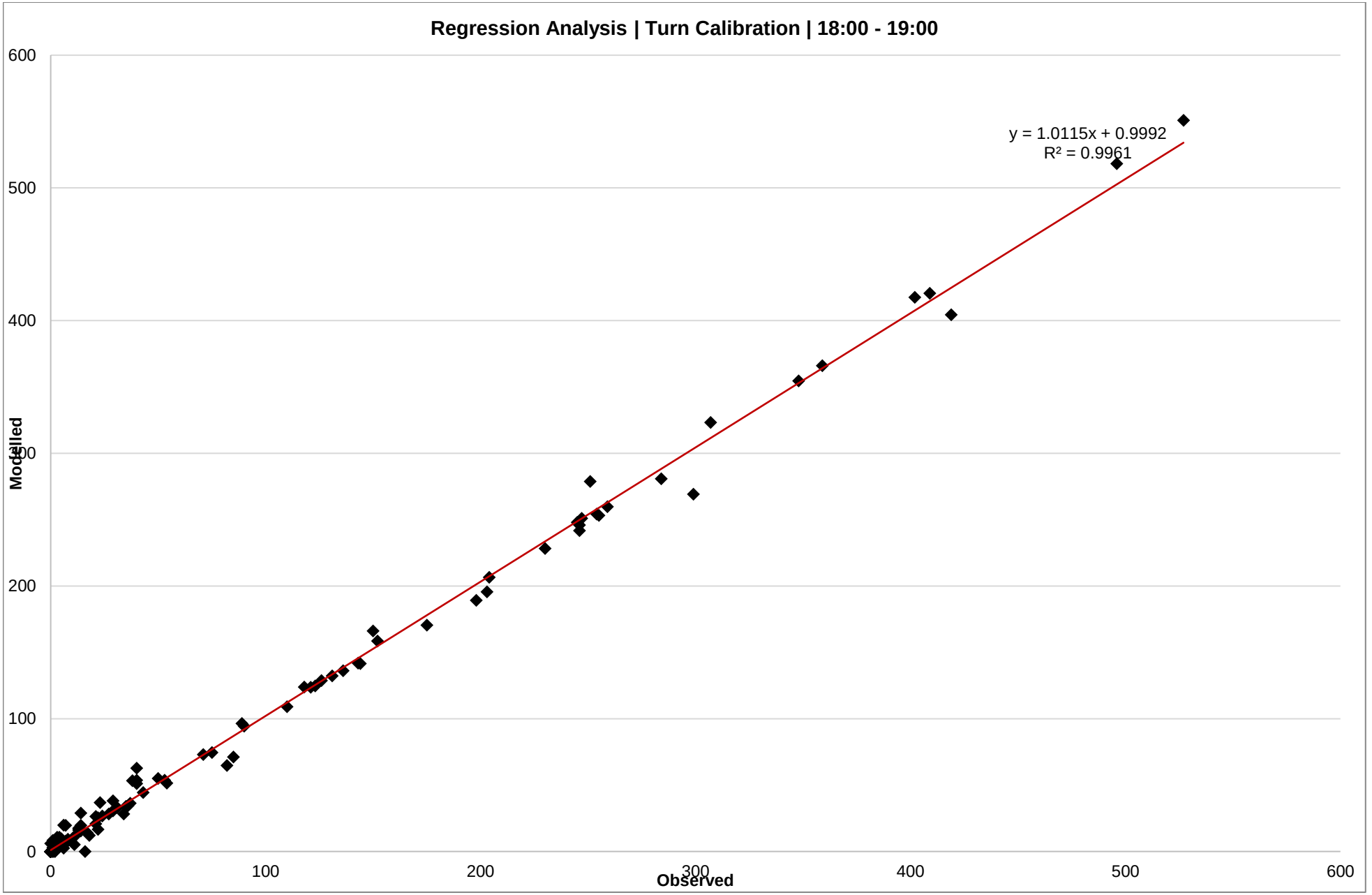

Regression Analysis | Section Calibration | 17:00 - 18:00
y = 0.9997x + 5.6085
R² = 0.9994
Modelled
Observed
0
500
1000
1500
2000
2500
3000
3500


Regression Analysis | Section Calibration | 18:00 - 19:00
y = 1.0254x - 0.3191
R² = 0.9984
Modelled
Observed
0
200
400
600
800
1000
1200
1400
1600
1800
2000


Regression Analysis | Turn Calibration | 15:00 - 16:00
y = 0.9977x + 0.4125
R² = 0.998
Modelled
Observed
0
100
200
300
400
500
600
700
800


Regression Analysis | Turn Calibration | 16:00 - 17:00
y = 0.9846x + 1.3155
R² = 0.9977
Modelled
Observed
0
100
200
300
400
500
600
700
800
900


Regression Analysis | Turn Calibration | 17:00 - 18:00
y = 1.0122x + 0.435
R² = 0.9983
Modelled
Observed
0
100
200
300
400
500
600
700
800


Regression Analysis | Turn Calibration | 18:00 - 19:00
y = 1.0115x + 0.9992
R² = 0.9961
Modelled
Observed
0
100
200
300
400
500
600

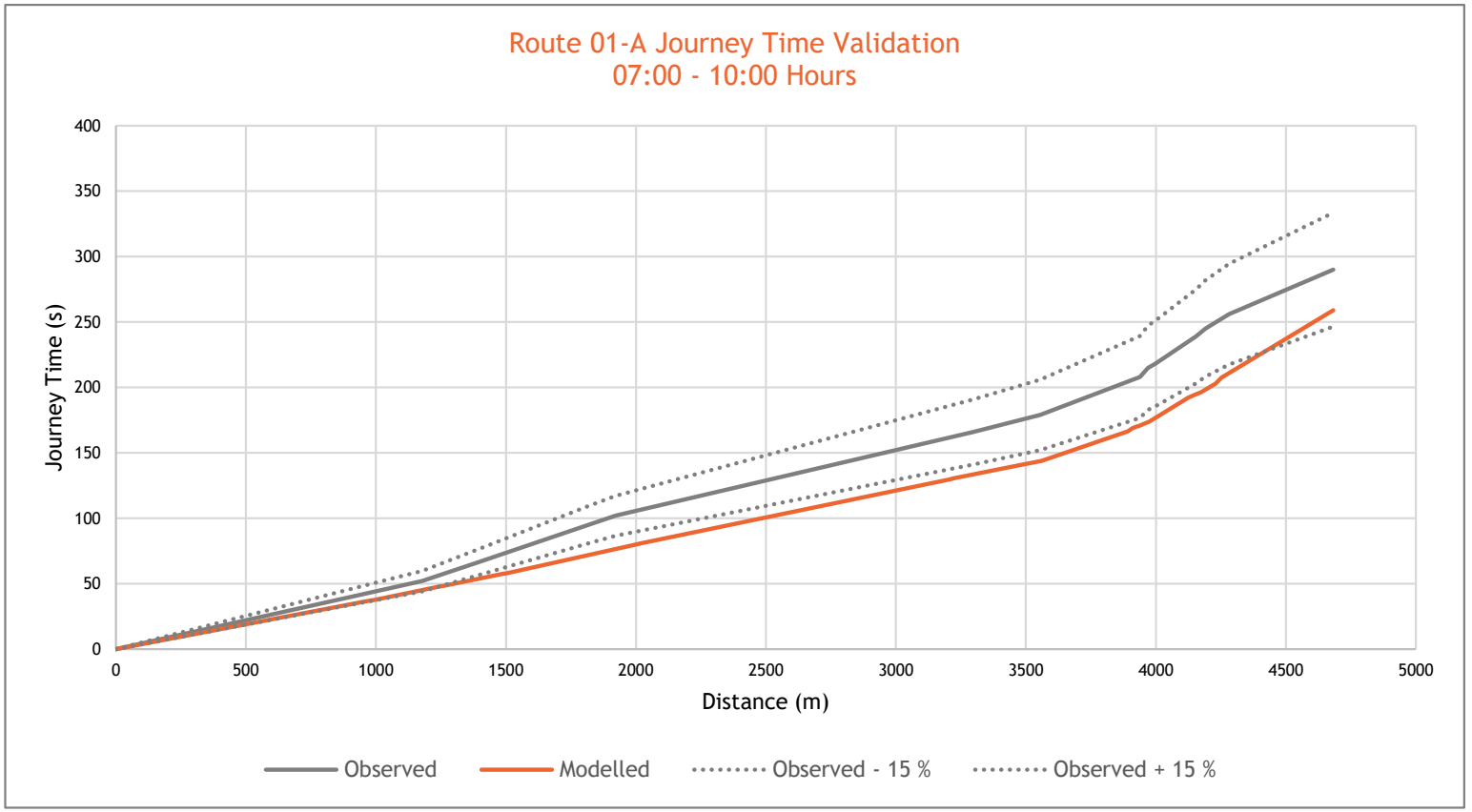
Appendix B

Journey Time Validation

Distribution Centre, Penllergaer, Swansea

Journey Time Validation

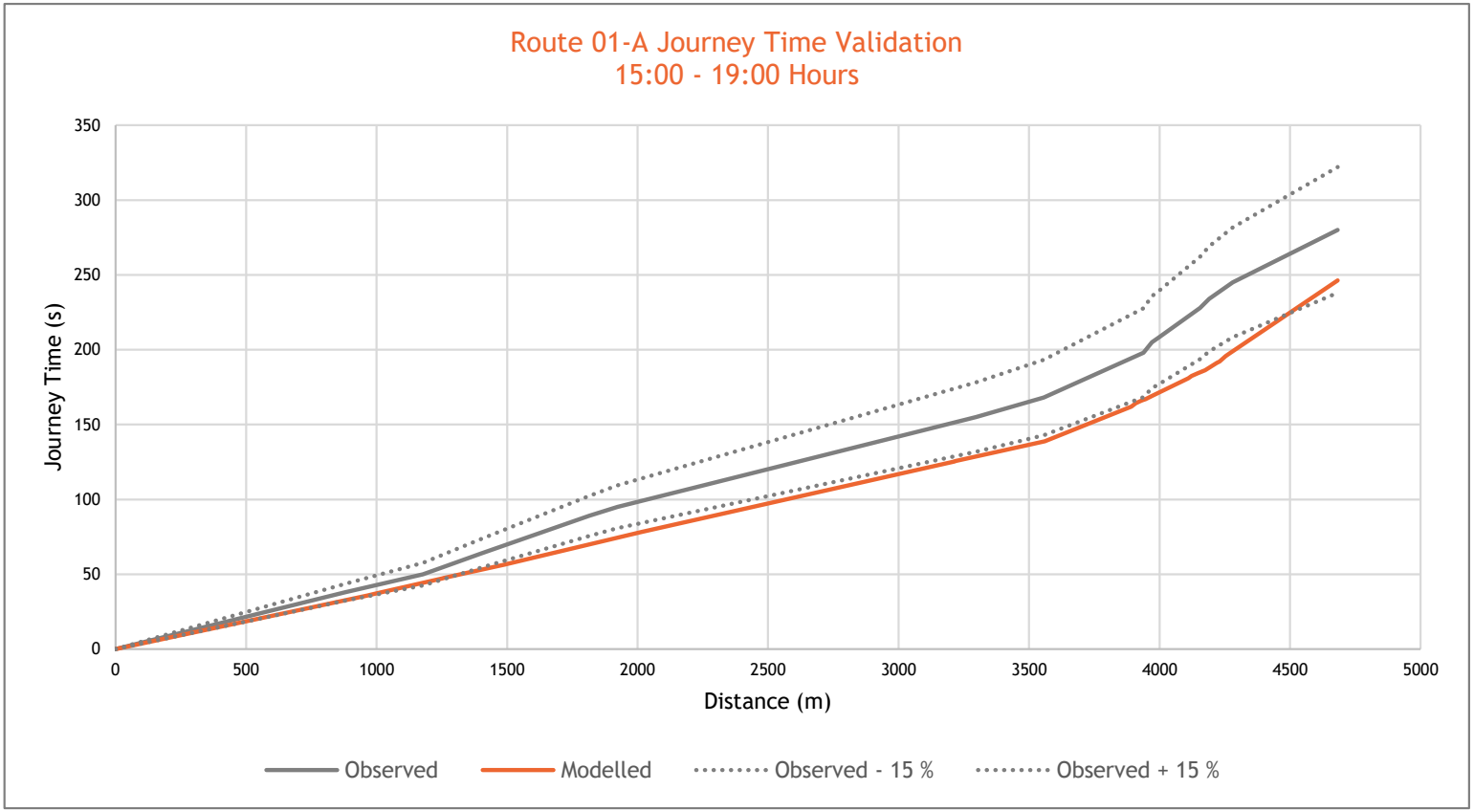
Route 01-A: Eastbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

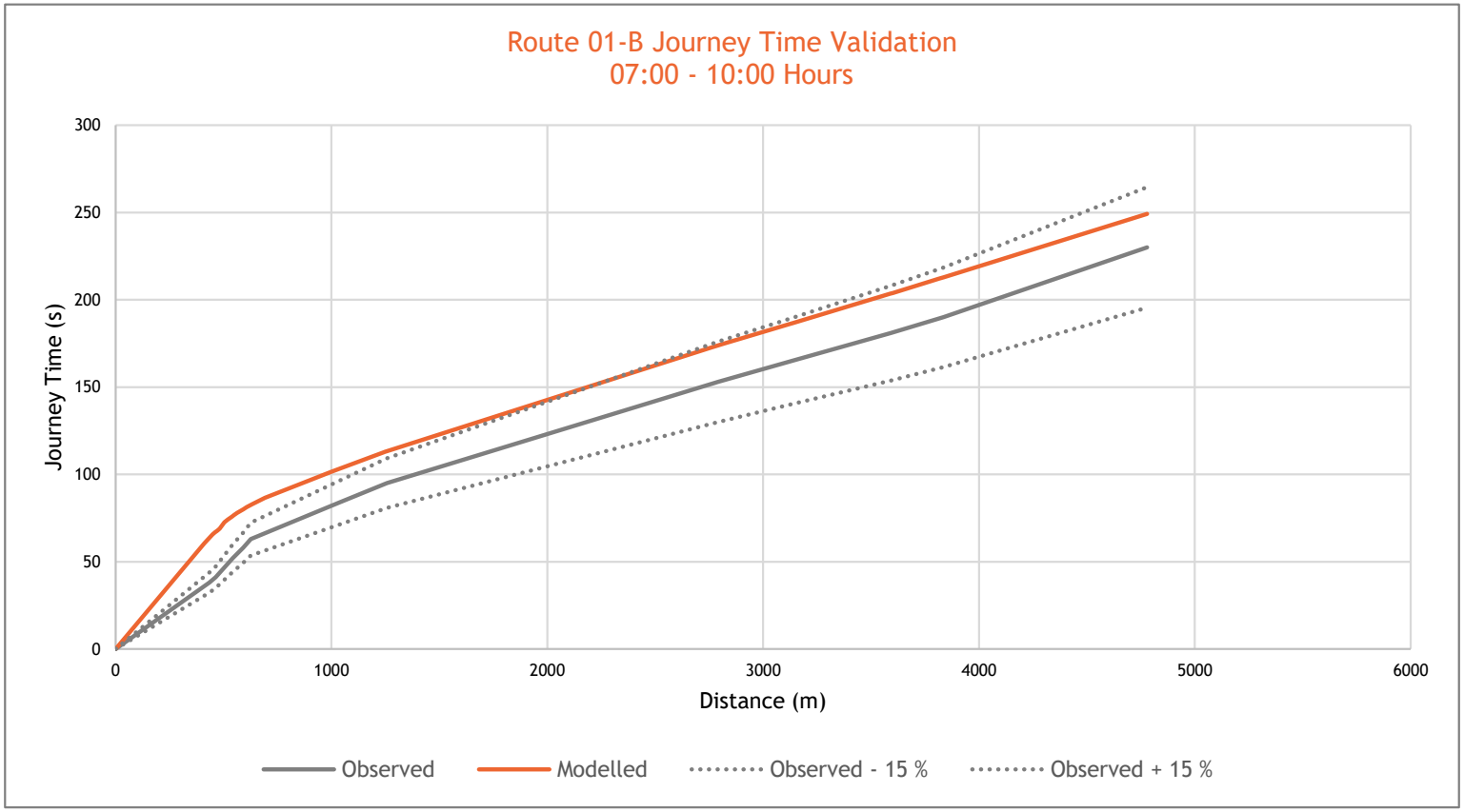
Route 01-A: Eastbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

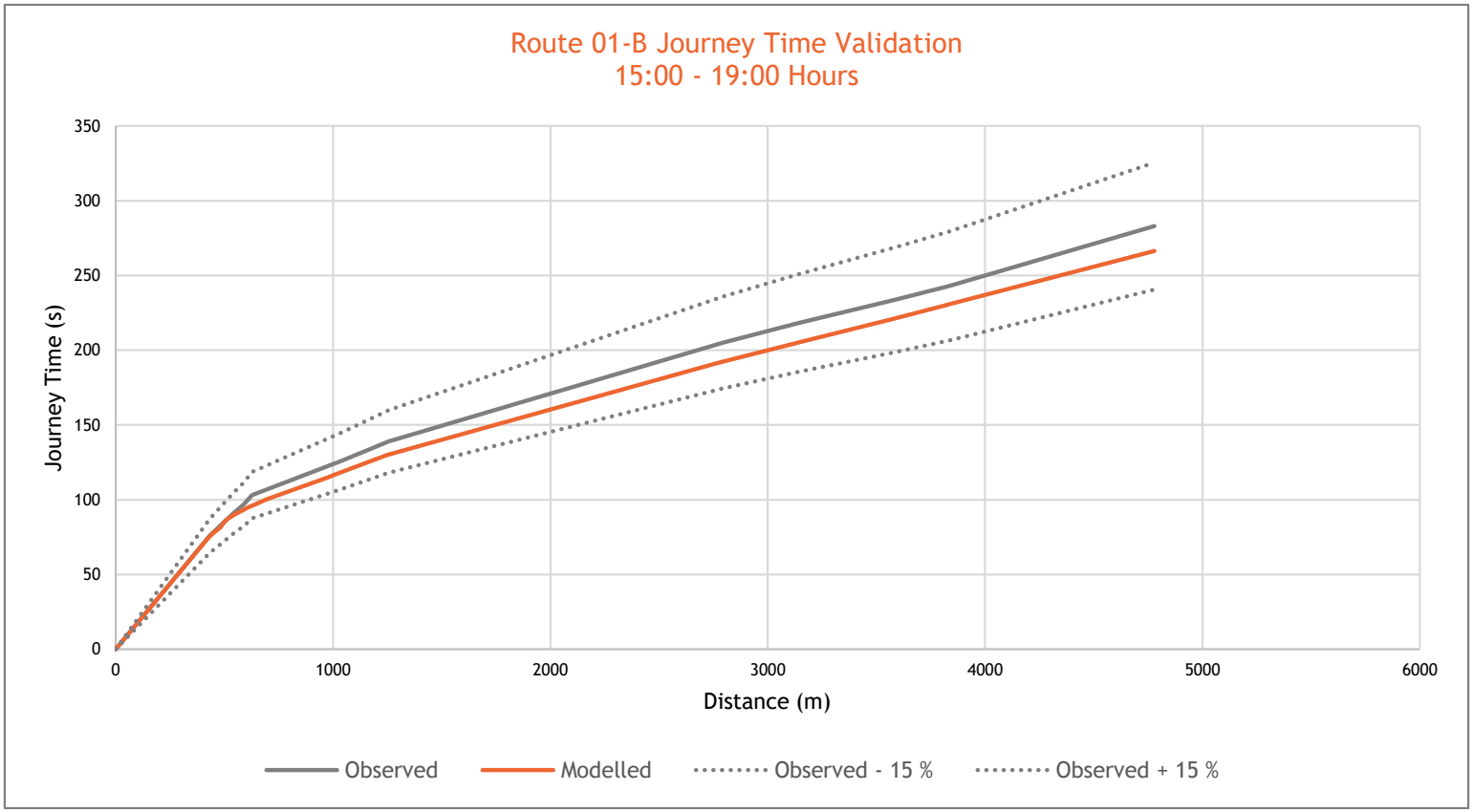
Route 01-B: Westbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

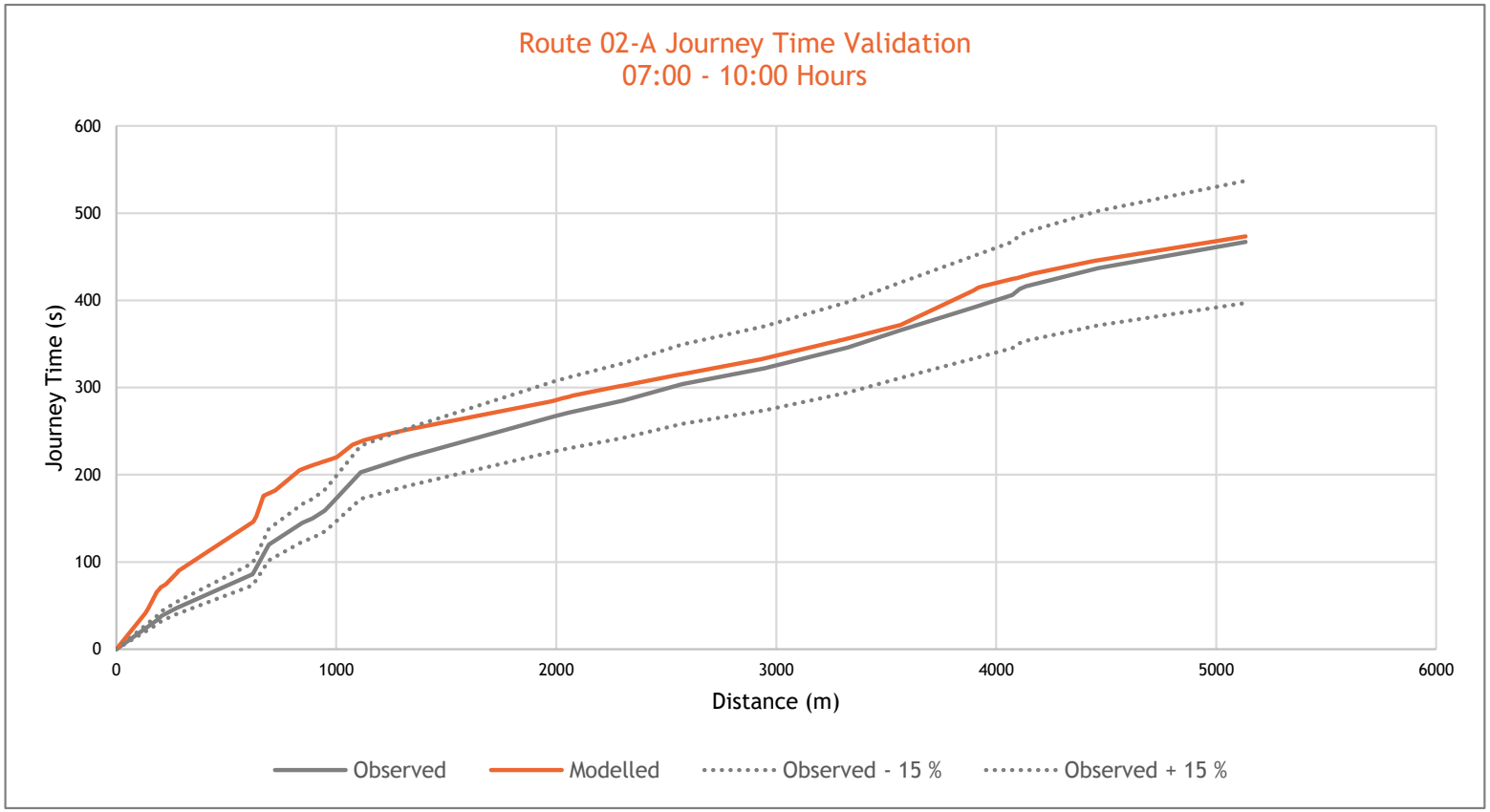
Route 01-B: Westbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

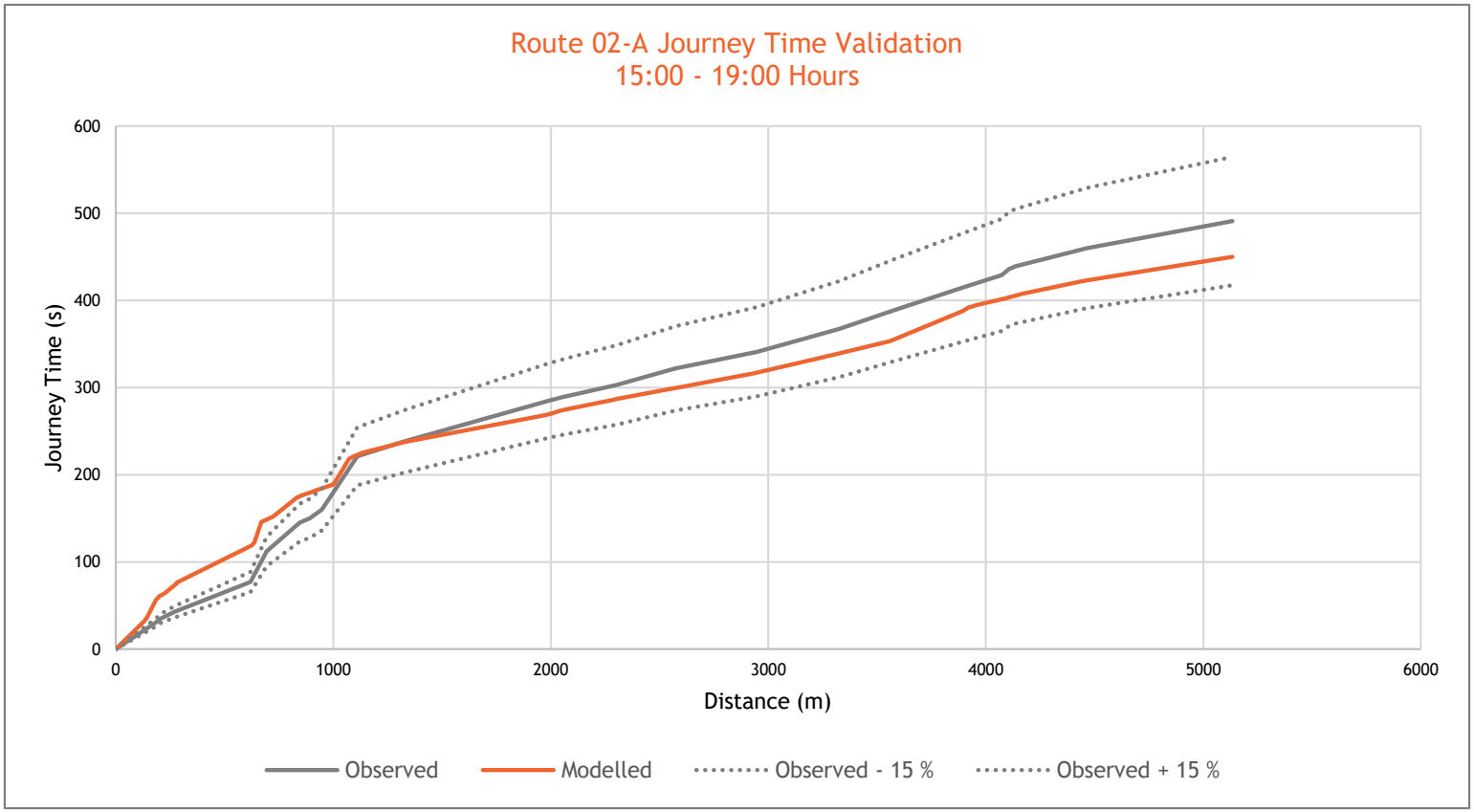
Route 02-A: Eastbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

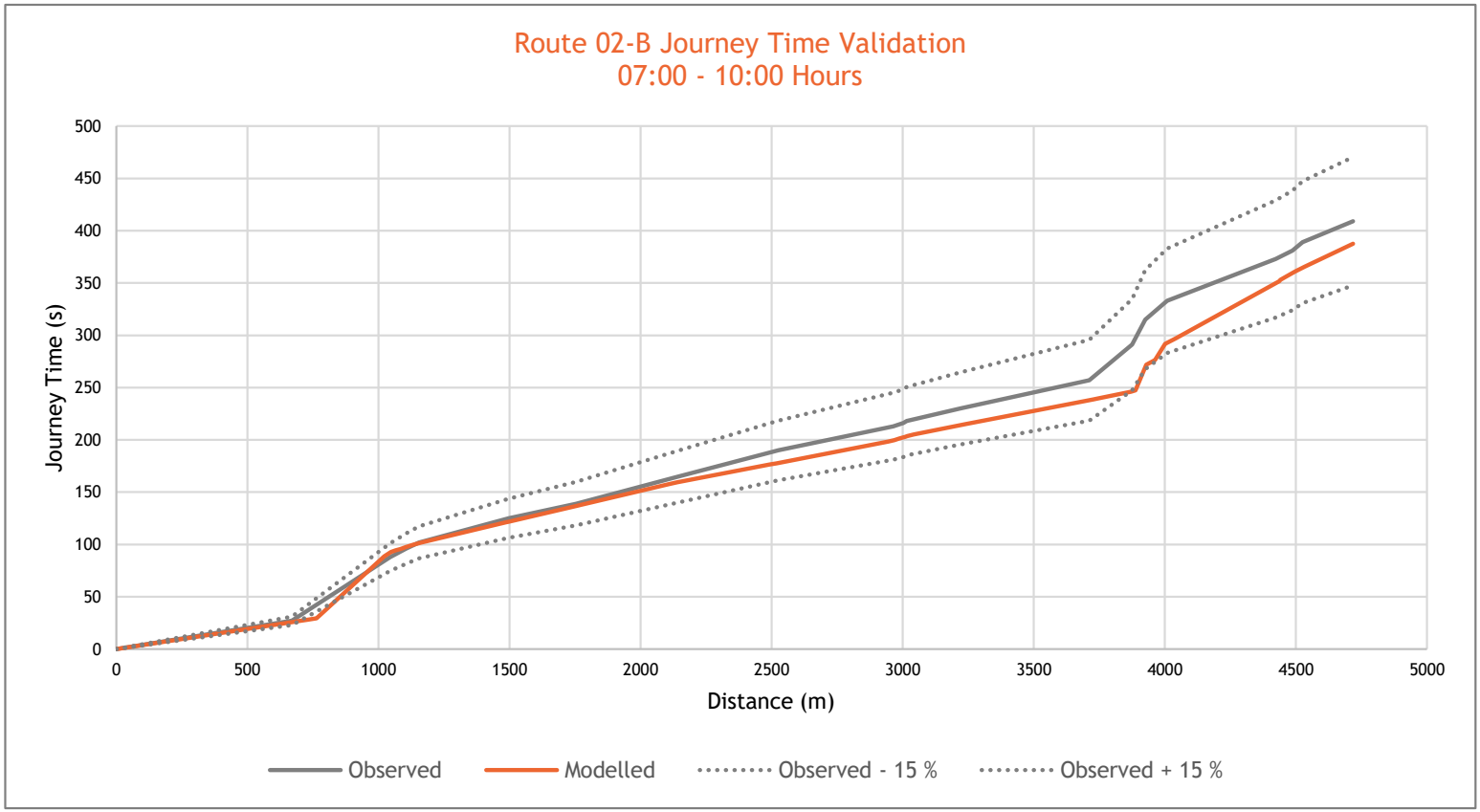
Route 02-A: Eastbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

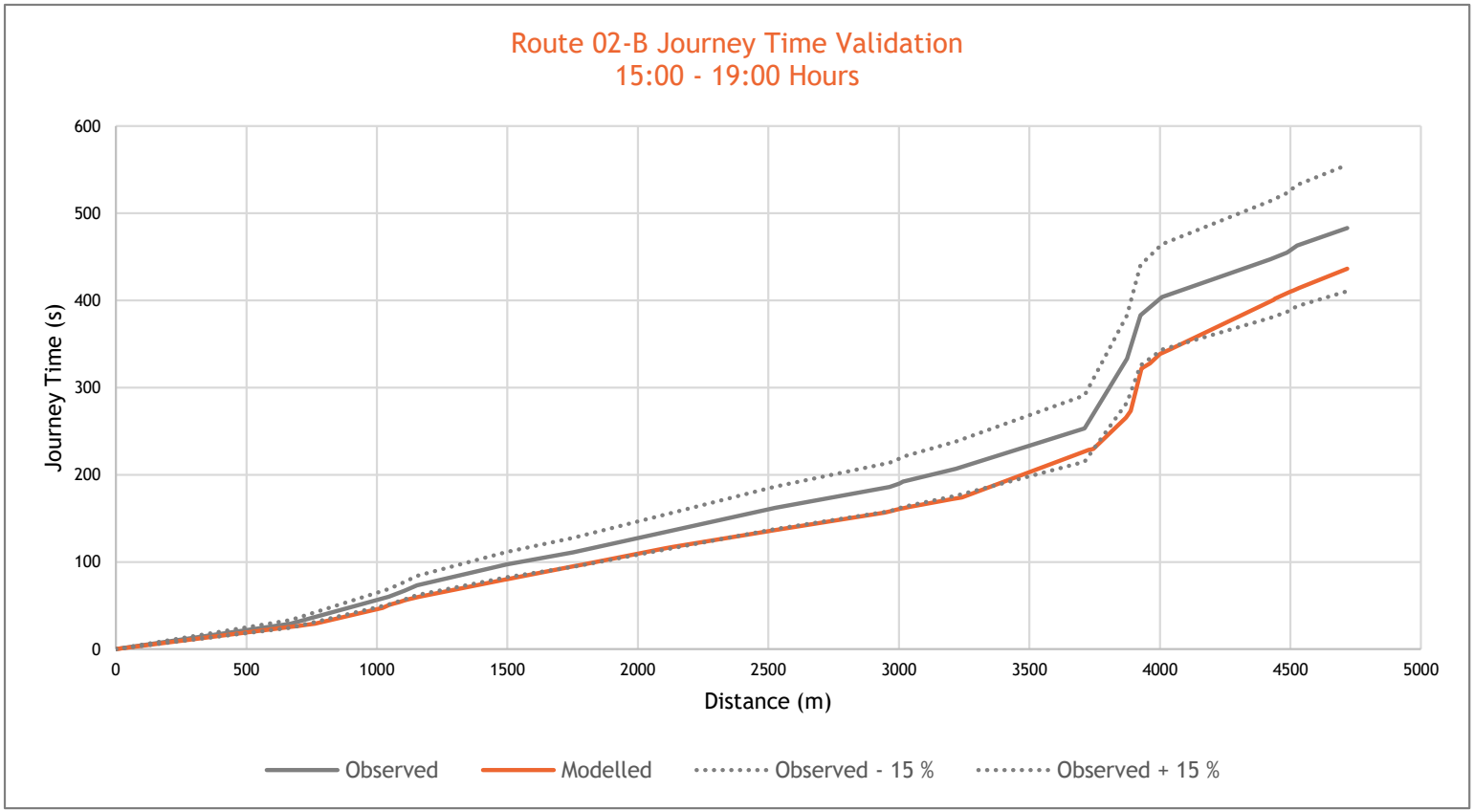
Route 02-B: Westbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

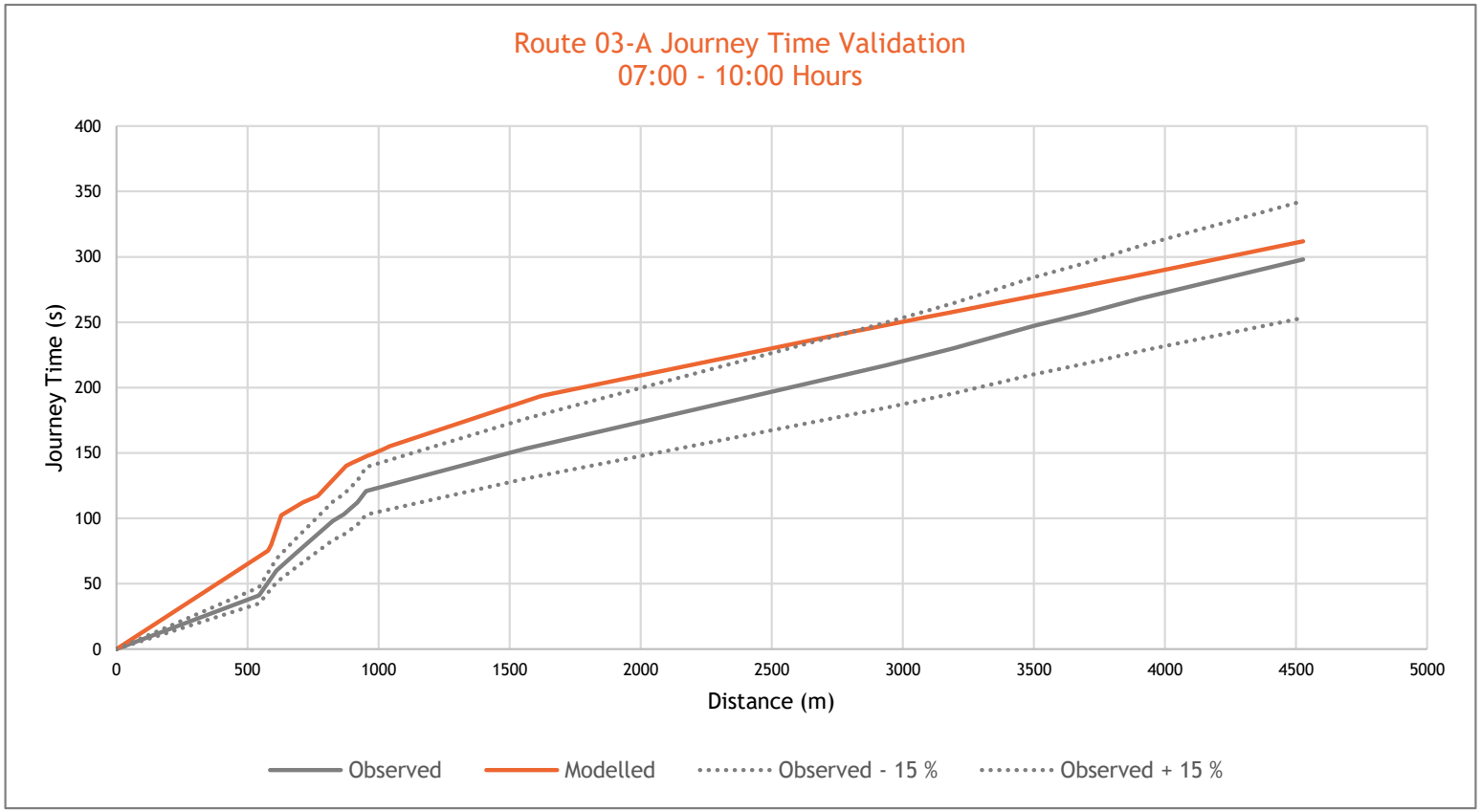
Route 02-B: Westbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

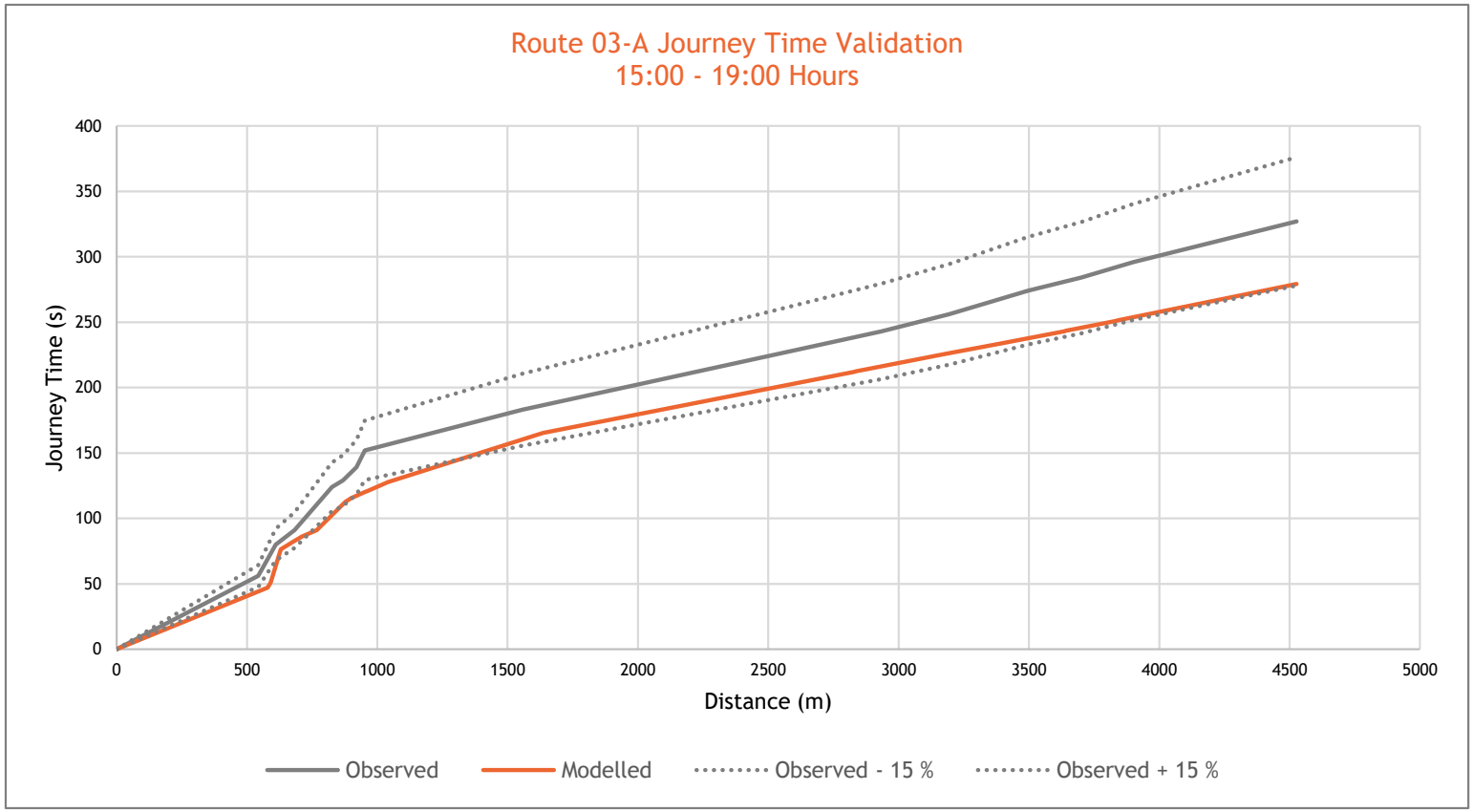
Route 03-A: Eastbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

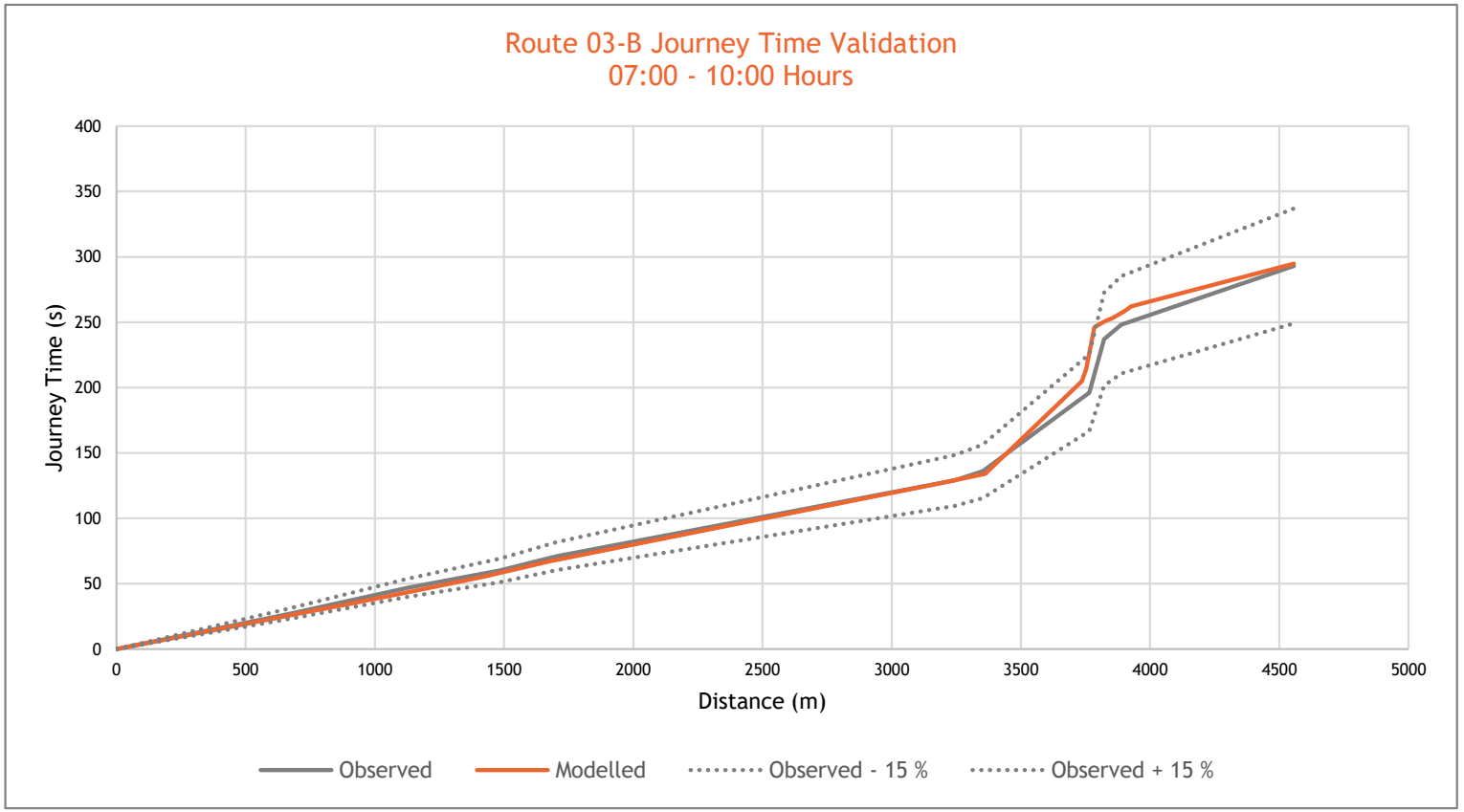
Route 03-A: Eastbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

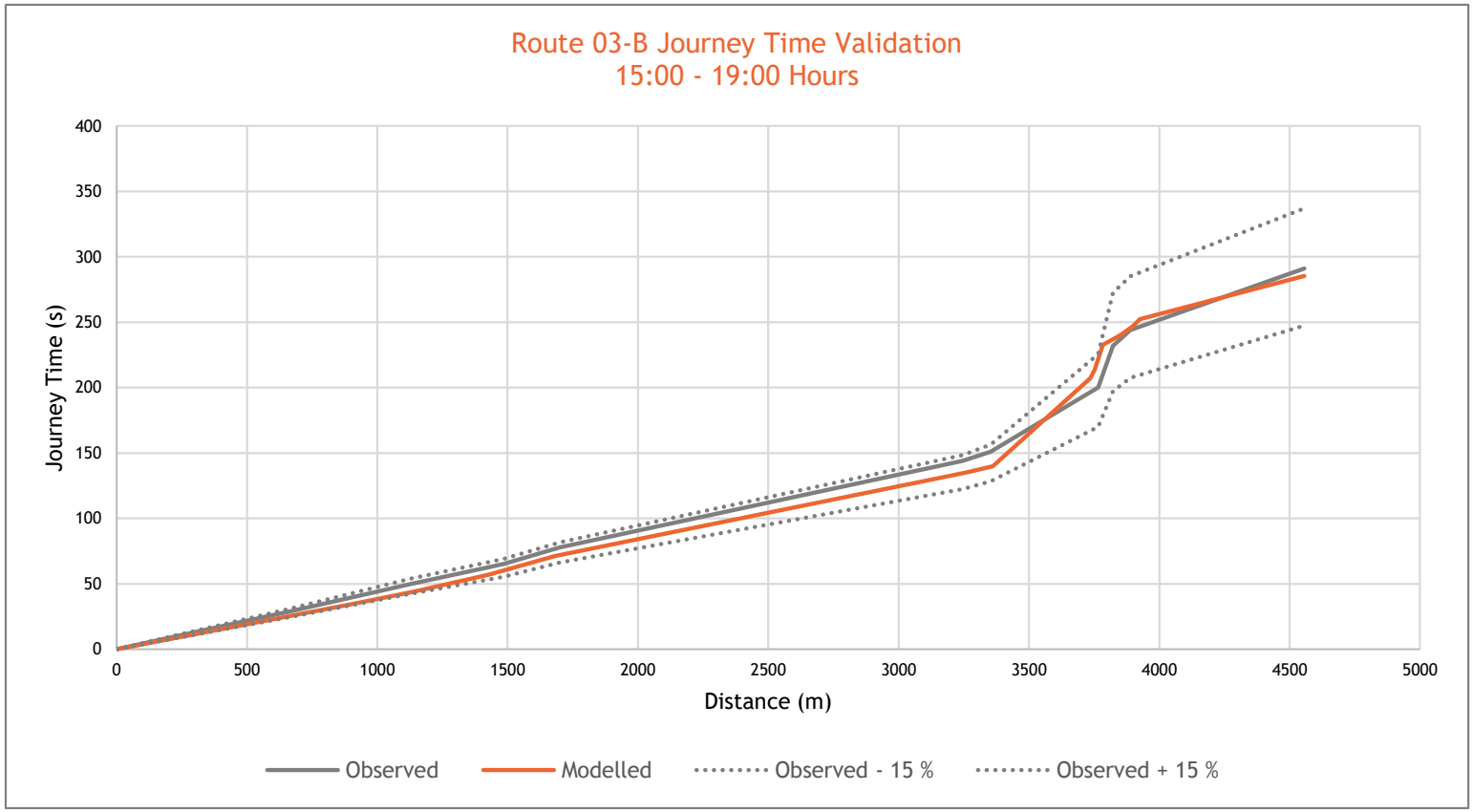
Route 03-B: Westbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

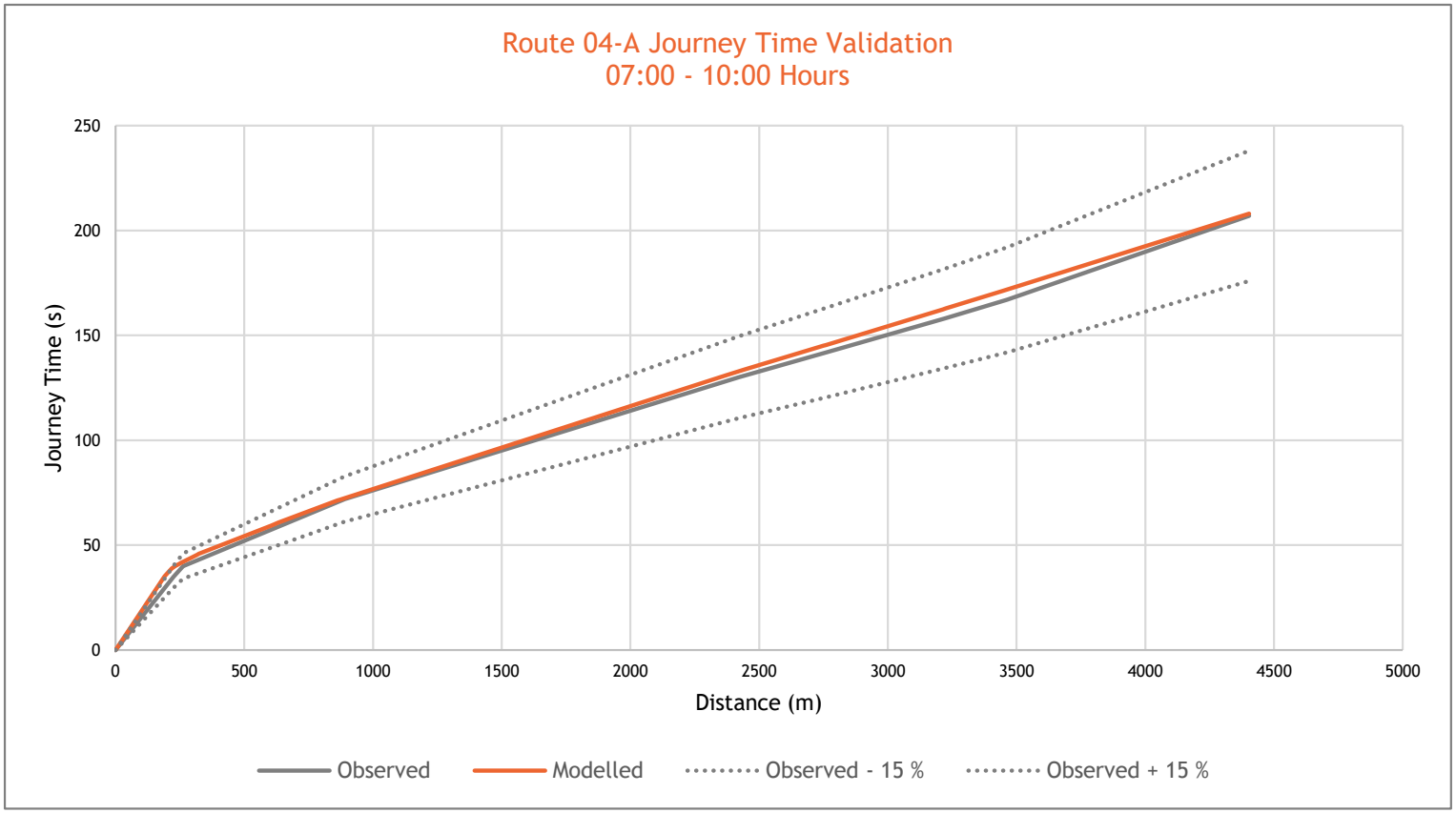
Route 03-B: Westbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

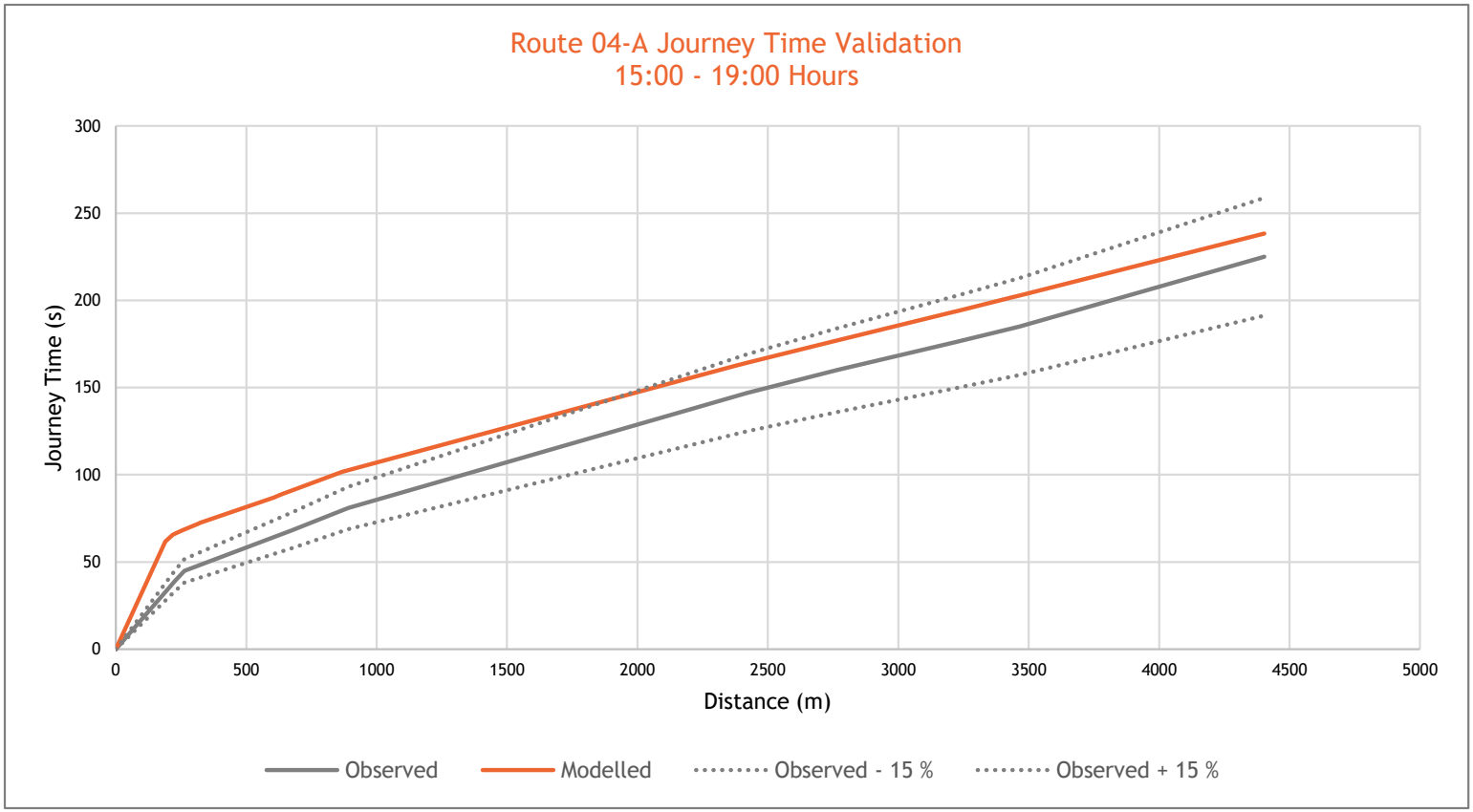
Route 04-A: Westbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

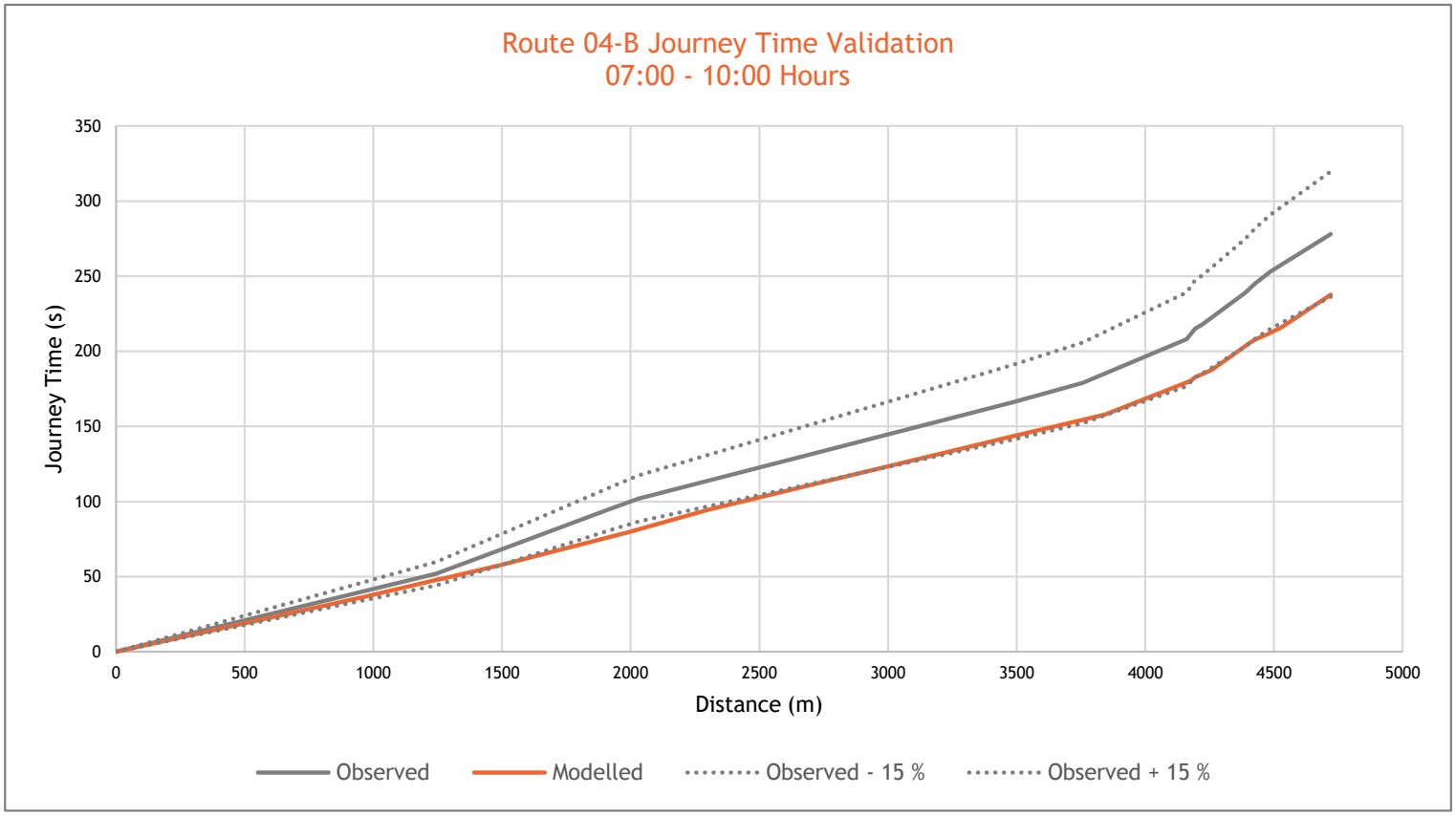
Route 04-A: Westbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

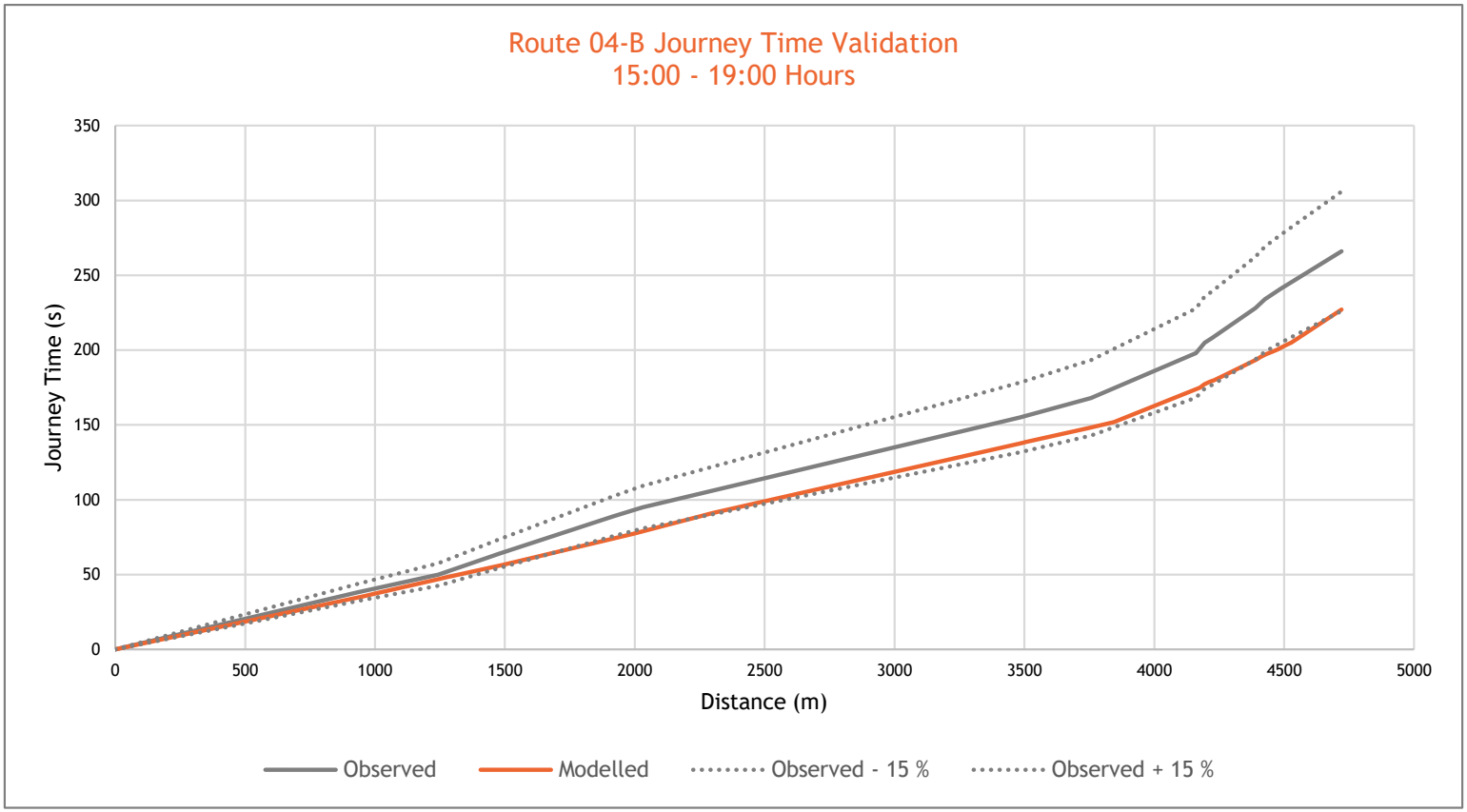
Route 04-B: Eastbound



Distribution Centre, Penllergaer, Swansea

Journey Time Validation

Route 04-B: Eastbound



Appendix C

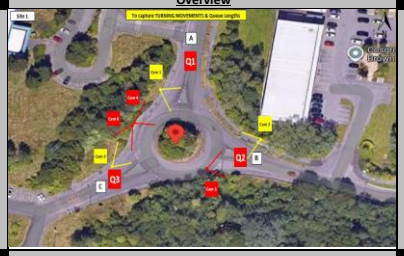
Traffic Survey Data

THE SEVERNSIDE GROUP
Transportation Data Collection
Traffic Management
Inductive Loop Cutting
Fabrication

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 1

Site 1 - Cam 1-1

Overview



Streetview

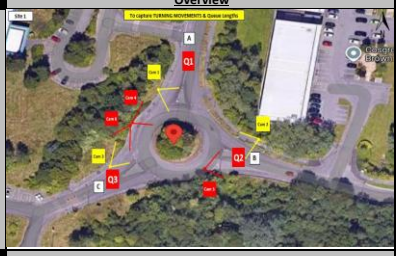


THE SEVERNSIDE GROUP
Transportation Data Collection
Traffic Management
Inductive Loop Cutting
Fabrication

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 1

Site 1 - Cam 1-2

Overview



Streetview



THE SEVERNSIDE GROUP
Transportation Data Collection
Traffic Management
Inductive Loop Cutting
Fabrication

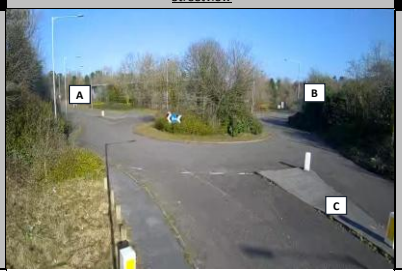
SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 1

Site 1 - Cam 1-3

Overview



Streetview

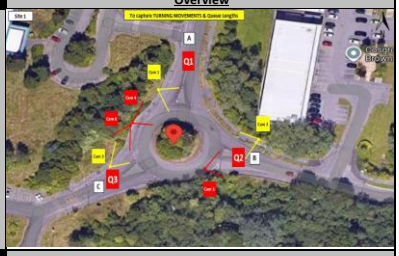


THE SEVERNSIDE GROUP
Transportation Data Collection
Traffic Management
Inductive Loop Cutting
Fabrication

SS1743 Pennllergaer
Tuesday 5th March 2025
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Site 1

Site 1 - Cam 1-4

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Streetview

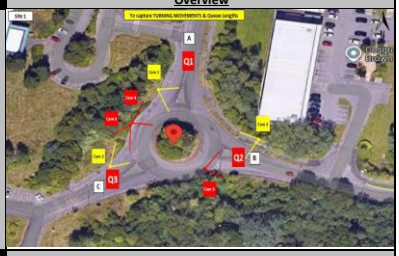


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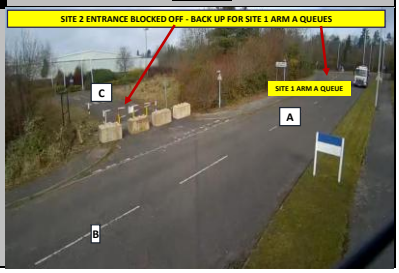
SS1743 Pennllergaer
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Site 2

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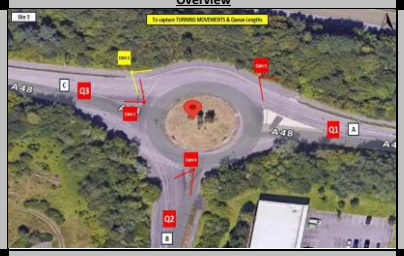


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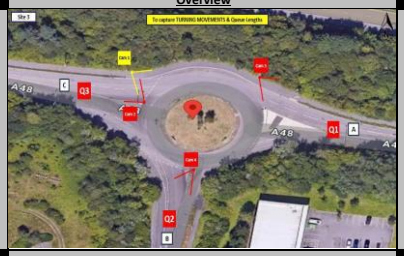


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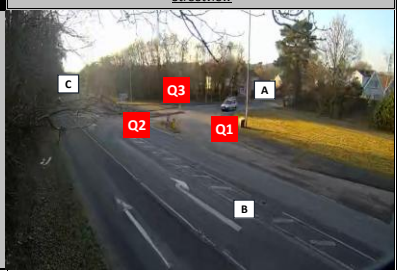
SS1743 Pennllergaer
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Site 5

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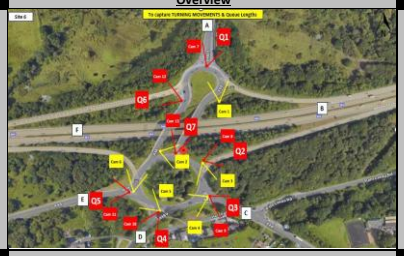


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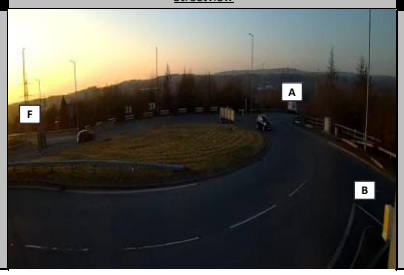
SS1743 Pennllergaer
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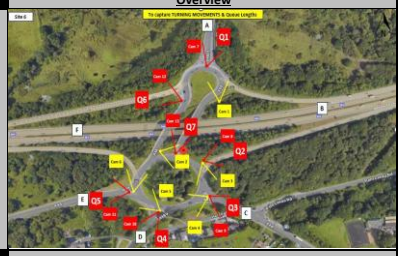


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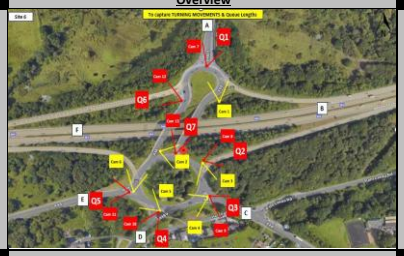


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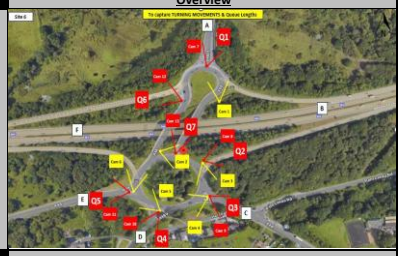


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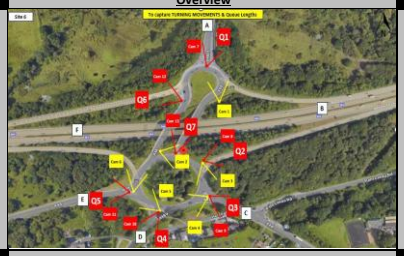


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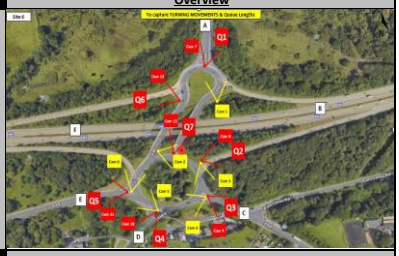


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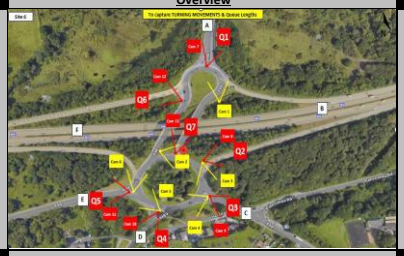


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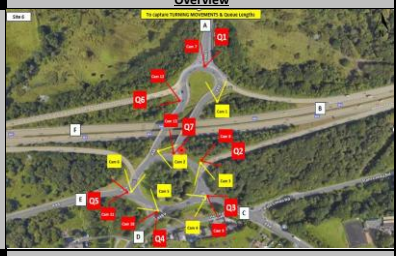


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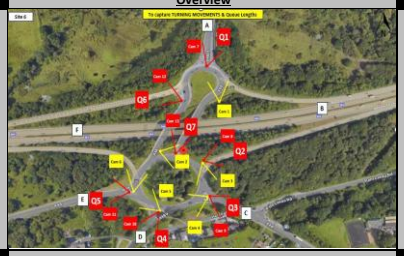


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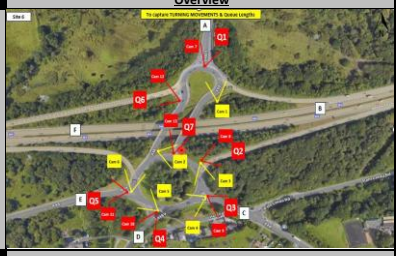


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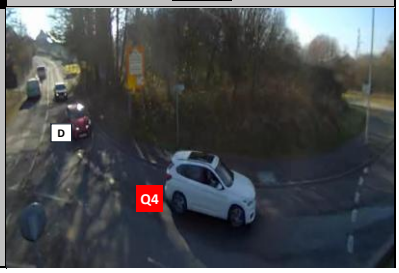
SS1743 Pennllergaer
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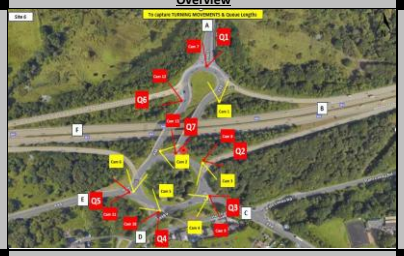


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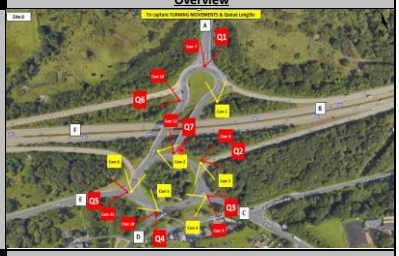


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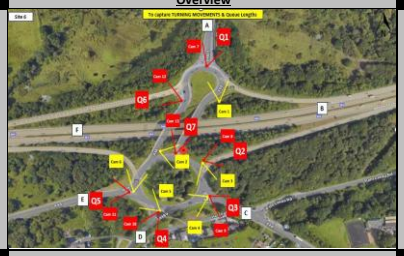


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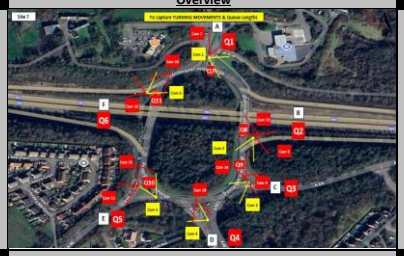


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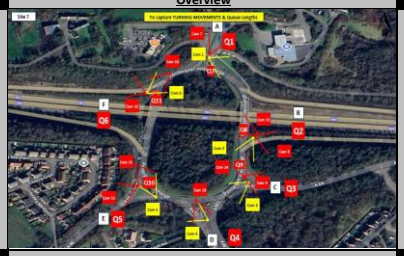


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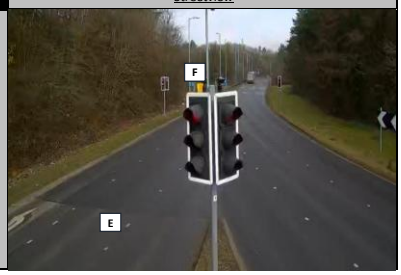
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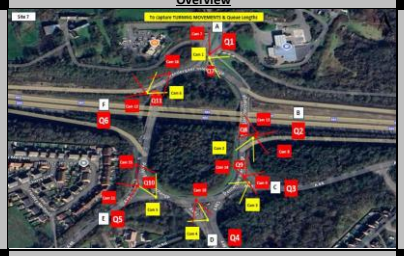


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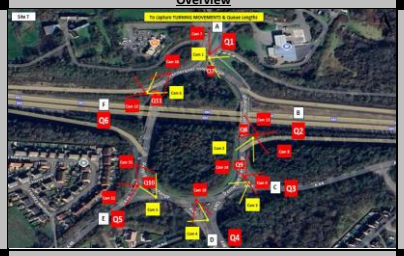


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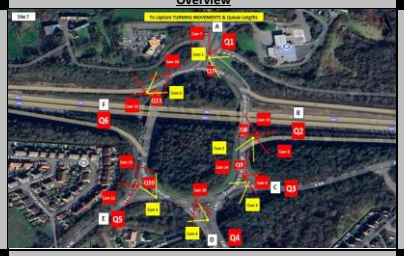


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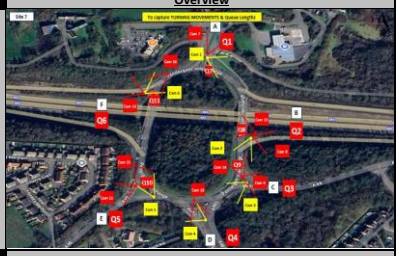


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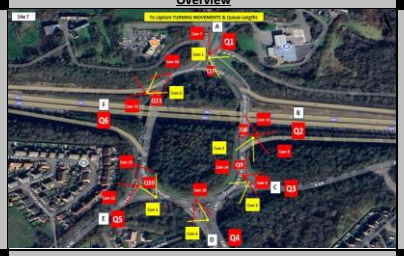


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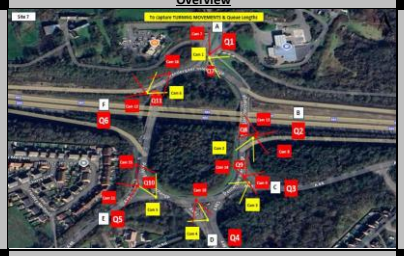


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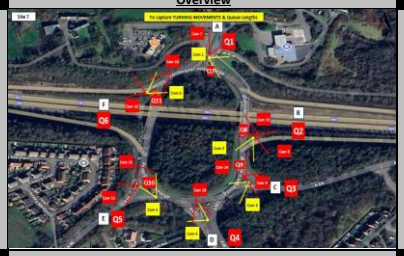


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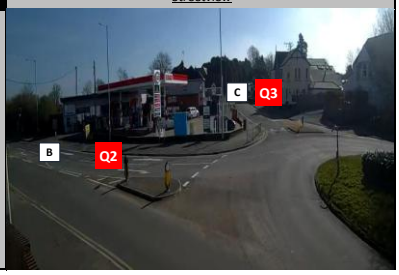
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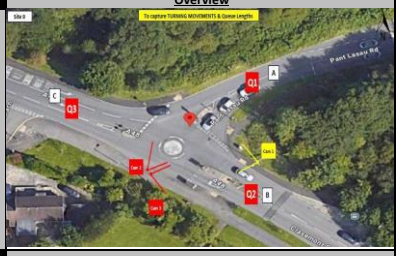


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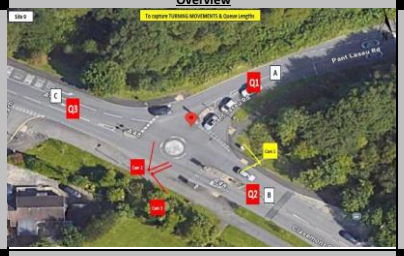


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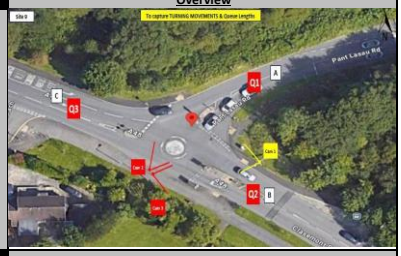


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0700-1000 & 1500-1900
Site 1

	Arm A - Arm A								Arm A - Arm B								Arm A - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	0	0	0	0	0	0	**0**	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**1**
0715-0730	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**3**
0730-0745	0	0	0	0	0	0	0	**0**	1	1	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**2**
0745-0800	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**3**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**2**	**0**	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**9**
0800-0815	0	0	0	0	0	0	0	**0**	8	1	0	0	0	0	0	**9**	0	0	0	0	0	0	0	**0**	**9**
0815-0830	1	0	0	0	0	0	0	**1**	12	0	0	0	0	0	0	**12**	0	0	0	0	0	0	0	**0**	**13**
0830-0845	0	0	0	0	0	0	0	**0**	15	0	0	0	0	0	1	**16**	0	0	0	0	0	0	0	**0**	**16**
0845-0900	0	0	0	0	0	0	0	**0**	21	0	0	0	0	0	0	**21**	0	0	0	0	0	0	0	**0**	**21**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**56**	**1**	**0**	**0**	**0**	**0**	**1**	**58**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**59**
0900-0915	0	0	0	0	0	0	0	**0**	9	0	0	0	0	0	0	**9**	0	0	0	0	0	0	0	**0**	**9**
0915-0930	0	0	0	0	0	0	0	**0**	3	1	0	0	0	0	0	**4**	1	0	0	0	0	0	0	**1**	**5**
0930-0945	0	0	0	0	0	0	0	**0**	4	2	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**6**
0945-1000	0	0	0	0	0	0	0	**0**	5	0	1	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**6**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**21**	**3**	**1**	**0**	**0**	**0**	**0**	**25**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**26**
3 Hour Totals (am)	1	0	0	0	0	0	0	**1**	84	6	1	0	0	0	1	**92**	1	0	0	0	0	0	0	**1**	**94**
1500-1515	1	0	0	0	0	0	0	**1**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**4**
1515-1530	1	1	0	0	0	0	0	**2**	4	0	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	**6**
1530-1545	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**2**
1545-1600	1	0	0	0	0	0	0	**1**	1	1	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**3**
Hourly Total	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**4**	**10**	**1**	**0**	**0**	**0**	**0**	**0**	**11**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**15**
1600-1615	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1615-1630	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**1**
1630-1645	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**3**
1645-1700	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**
1700-1715	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1715-1730	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1730-1745	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1745-1800	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**1**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
1800-1815	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**1**
1815-1830	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1830-1845	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**1**
1845-1900	0	0	0	0	0	0	0	**0**	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**1**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**
4 Hour Totals (pm)	4	1	0	0	0	0	0	**5**	16	2	0	0	0	0	0	**18**	0	0	0	0	0	0	0	**0**	**23**
Day Total	5	1	0	0	0	0	0	**6**	100	8	1	0	0	0	1	**110**	1	0	0	0	0	0	0	**1**	**117**

	Arm B - Arm A								Arm B - Arm B								Arm B - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0715-0730	0	0	0	1	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**1**
0730-0745	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0745-0800	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
0800-0815	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**1**
0815-0830	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**1**
0830-0845	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**2**
0845-0900	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4**
0900-0915	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**2**
0915-0930	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**2**
0930-0945	2	1	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**3**
0945-1000	4	1	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**5**
Hourly Total	**10**	**2**	**0**	**0**	**0**	**0**	**0**	**12**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**
3 Hour Totals (am)	13	3	0	1	0	0	0	**17**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**17**
1500-1515	2	1	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**3**
1515-1530	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**2**
1530-1545	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**6**
1545-1600	3	2	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**5**
Hourly Total	**13**	**3**	**0**	**0**	**0**	**0**	**0**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**16**
1600-1615	5	0	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**5**
1615-1630	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**2**
1630-1645	10	1	0	0	0	0	0	**11**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**11**
1645-1700	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**3**
Hourly Total	**20**	**1**	**0**	**0**	**0**	**0**	**0**	**21**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**21**
1700-1715	38	0	0	0	0	0	0	**38**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**38**
1715-1730	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**6**
1730-1745	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**2**
1745-1800	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**1**
Hourly Total	**46**	**1**	**0**	**0**	**0**	**0**	**0**	**47**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**47**
1800-1815	1	0	0	0	0	0	0	**1**	4	0	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	**5**
1815-1830	0	0	0	0	0	0	0	**0**	5	0	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	**5**
1830-1845	0	0	0	0	0	0	0	**0**	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**6**
1845-1900	3	0	0	0	0	0	0	**3**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**4**
Hourly Total	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**20**
4 Hour Totals (pm)	83	5	0	0	0	0	0	**88**	16	0	0	0	0	0	0	**16**	0	0	0	0	0	0	0	**0**	**104**
Day Total	96	8	0	1	0	0	0	**105**	16	0	0	0	0	0	0	**16**	0	0	0	0	0	0	0	**0**	**121**

	Arm C - Arm A								Arm C - Arm B								Arm C - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0715-0730	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0730-0745	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0745-0800	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0800-0815	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0815-0830	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0830-0845	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0845-0900	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0900-0915	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0915-0930	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0930-0945	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**

0945-1000	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
3 Hour Totals (am)	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1500-1515	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1515-1530	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1530-1545	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1545-1600	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1600-1615	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1615-1630	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1630-1645	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1645-1700	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1700-1715	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1715-1730	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1730-1745	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1745-1800	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1800-1815	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1815-1830	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1830-1845	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1845-1900	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
4 Hour Totals (pm)	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Day Total	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**

	Origin - Arm A								Origin - Arm B								Origin - Arm C								
	Car	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Arm Total**
0700-0715	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**1**
0715-0730	3	0	0	0	0	0	0	**3**	0	0	0	1	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**4**
0730-0745	1	1	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**2**
0745-0800	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**3**
Hourly Total	**7**	**2**	**0**	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10**
0800-0815	8	1	0	0	0	0	0	**9**	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**10**
0815-0830	13	0	0	0	0	0	0	**13**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**14**
0830-0845	15	0	0	0	0	0	1	**16**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**18**
0845-0900	21	0	0	0	0	0	0	**21**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**21**
Hourly Total	**57**	**1**	**0**	**0**	**0**	**0**	**1**	**59**	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**63**
0900-0915	9	0	0	0	0	0	0	**9**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**11**
0915-0930	4	1	0	0	0	0	0	**5**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**7**
0930-0945	4	2	0	0	0	0	0	**6**	2	1	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**9**
0945-1000	5	0	1	0	0	0	0	**6**	4	1	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	**11**
Hourly Total	**22**	**3**	**1**	**0**	**0**	**0**	**0**	**26**	**10**	**2**	**0**	**0**	**0**	**0**	**0**	**12**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**38**
3 Hour Totals (am)	86	6	1	0	0	0	1	**94**	13	3	0	1	0	0	0	**17**	0	0	0	0	0	0	0	**0**	**111**
1500-1515	4	0	0	0	0	0	0	**4**	2	1	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**7**
1515-1530	5	1	0	0	0	0	0	**6**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**8**
1530-1545	2	0	0	0	0	0	0	**2**	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**8**
1545-1600	2	1	0	0	0	0	0	**3**	3	2	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	**8**
Hourly Total	**13**	**2**	**0**	**0**	**0**	**0**	**0**	**15**	**13**	**3**	**0**	**0**	**0**	**0**	**0**	**16**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**31**
1600-1615	0	0	0	0	0	0	0	**0**	5	0	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	**5**
1615-1630	1	0	0	0	0	0	0	**1**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**3**
1630-1645	3	0	0	0	0	0	0	**3**	10	1	0	0	0	0	0	**11**	0	0	0	0	0	0	0	**0**	**14**
1645-1700	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**3**
Hourly Total	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**20**	**1**	**0**	**0**	**0**	**0**	**0**	**21**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**25**
1700-1715	0	0	0	0	0	0	0	**0**	38	0	0	0	0	0	0	**38**	0	0	0	0	0	0	0	**0**	**38**
1715-1730	0	0	0	0	0	0	0	**0**	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**6**
1730-1745	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**2**
1745-1800	1	0	0	0	0	0	0	**1**	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**2**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**46**	**1**	**0**	**0**	**0**	**0**	**0**	**47**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**48**
1800-1815	1	0	0	0	0	0	0	**1**	5	0	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	**6**
1815-1830	0	0	0	0	0	0	0	**0**	5	0	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	**5**
1830-1845	1	0	0	0	0	0	0	**1**	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**7**
1845-1900	0	1	0	0	0	0	0	**1**	4	0	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	**5**
Hourly Total	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**3**	**20**	**0**	**0**	**0**	**0**	**0**	**0**	**20**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**23**
4 Hour Totals (pm)	20	3	0	0	0	0	0	**23**	99	5	0	0	0	0	0	**104**	0	0	0	0	0	0	0	**0**	**127**
Day Total	106	9	1	0	0	0	1	**117**	112	8	0	1	0	0	0	**121**	0	0	0	0	0	0	0	**0**	**238**

	Destination - Arm A								Destination - Arm B								Destination - Arm C								
	Car	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Arm Total**
0700-0715	0	0	0	0	0	0	0	**0**	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**1**
0715-0730	0	0	0	1	0	0	0	**1**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**4**
0730-0745	0	0	0	0	0	0	0	**0**	1	1	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**2**
0745-0800	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**3**
Hourly Total	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**7**	**2**	**0**	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10**
0800-0815	0	1	0	0	0	0	0	**1**	8	1	0	0	0	0	0	**9**	0	0	0	0	0	0	0	**0**	**10**
0815-0830	2	0	0	0	0	0	0	**2**	12	0	0	0	0	0	0	**12**	0	0	0	0	0	0	0	**0**	**14**
0830-0845	2	0	0	0	0	0	0	**2**	15	0	0	0	0	0	1	**16**	0	0	0	0	0	0	0	**0**	**18**
0845-0900	0	0	0	0	0	0	0	**0**	21	0	0	0	0	0	0	**21**	0	0	0	0	0	0	0	**0**	**21**
Hourly Total	**4**	**1**	**0**	**0**	**0**	**0**	**0**	**5**	**56**	**1**	**0**	**0**	**0**	**0**	**1**	**58**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**63**
0900-0915	2	0	0	0	0	0	0	**2**	9	0	0	0	0	0	0	**9**	0	0	0	0	0	0	0	**0**	**11**
0915-0930	2	0	0	0	0	0	0	**2**	3	1	0	0	0	0	0	**4**	1	0	0	0	0	0	0	**1**	**7**
0930-0945	2	1	0	0	0	0	0	**3**	4	2	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**9**
0945-1000	4	1	0	0	0	0	0	**5**	5	0	1	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**11**
Hourly Total	**10**	**2**	**0**	**0**	**0**	**0**	**0**	**12**	**21**	**3**	**1**	**0**	**0**	**0**	**0**	**25**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**38**
3 Hour Totals (am)	14	3	0	1	0	0	0	**18**	84	6	1	0	0	0	1	**92**	1	0	0	0	0	0	0	**1**	**111**
1500-1515	3	1	0	0	0	0	0	**4**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**7**
1515-1530	3	1	0	0	0	0	0	**4**	4	0	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	**8**
1530-1545	6	0	0	0	0	0	0	**6**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**8**
1545-1600	4	2	0	0	0	0	0	**6**	1	1	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**8**
Hourly Total	**16**	**4**	**0**	**0**	**0**	**0**	**0**	**20**	**10**	**1**	**0**	**0**	**0**	**0**	**0**	**11**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**31**
1600-1615	5	0	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**5**
1615-1630	2	0	0	0	0	0	0	**2**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**3**
1630-1645	10	1	0	0	0	0	0	**11**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**14**
1645-1700	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**3**
Hourly Total	**20**	**1**	**0**	**0**	**0**	**0**	**0**	**21**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**25**
1700-1715	38	0	0	0	0	0	0	**38**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**38**
1715-1730	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**6**
1730-1745	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**2**

1745-1800	1	1	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**		**2**
Hourly Total	**47**	**1**	**0**	**0**	**0**	**0**	**0**	**48**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**48**
1800-1815	1	0	0	0	0	0	0	**1**	5	0	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**		**6**
1815-1830	0	0	0	0	0	0	0	**0**	5	0	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**		**5**
1830-1845	0	0	0	0	0	0	0	**0**	7	0	0	0	0	0	0	**7**	0	0	0	0	0	0	0	**0**		**7**
1845-1900	3	0	0	0	0	0	0	**3**	1	1	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**		**5**
Hourly Total	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**18**	**1**	**0**	**0**	**0**	**0**	**0**	**19**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		**23**
4 Hour Totals (pm)	87	6	0	0	0	0	0	**93**	32	2	0	0	0	0	0	**34**	0	0	0	0	0	0	0	**0**		**127**
Day Total	101	9	0	1	0	0	0	**111**	116	8	1	0	0	0	1	**126**	1	0	0	0	0	0	0	**1**		**238**

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 3

	Arm A - Arm A								Arm A - Arm B								Arm A - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	23	6	0	0	1	0	0	**30**	**30**
0715-0730	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	42	9	1	0	0	0	0	**52**	**53**
0730-0745	0	0	0	0	0	0	0	**0**	0	1	0	0	0	0	0	**1**	49	15	0	0	0	0	0	**64**	**65**
0745-0800	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	53	11	3	2	1	0	0	**70**	**72**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**1**	**0**	**0**	**0**	**0**	**0**	**4**	**167**	**41**	**4**	**2**	**2**	**0**	**0**	**216**	**220**
0800-0815	0	0	0	0	0	0	0	**0**	4	0	0	0	0	0	0	**4**	57	12	3	0	1	1	0	**74**	**78**
0815-0830	0	0	0	0	0	0	0	**0**	9	0	0	0	0	0	0	**9**	60	15	2	0	1	2	0	**80**	**89**
0830-0845	0	0	0	0	0	0	0	**0**	4	0	0	0	0	0	0	**4**	66	10	3	0	0	0	0	**79**	**83**
0845-0900	0	0	0	0	1	0	0	**1**	9	0	0	0	0	0	0	**9**	62	7	1	0	1	1	0	**72**	**82**
Hourly Total	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**26**	**0**	**0**	**0**	**0**	**0**	**0**	**26**	**245**	**44**	**9**	**0**	**3**	**4**	**0**	**305**	**332**
0900-0915	0	0	0	0	0	0	0	**0**	4	0	0	0	0	0	0	**4**	59	10	1	1	1	2	0	**74**	**78**
0915-0930	1	0	0	0	0	0	0	**1**	1	0	0	0	0	0	0	**1**	41	17	1	1	0	1	0	**61**	**63**
0930-0945	0	0	0	0	0	0	0	**0**	2	1	0	0	0	0	0	**3**	31	15	3	1	0	0	0	**50**	**53**
0945-1000	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	45	5	3	1	0	1	0	**55**	**58**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**10**	**1**	**0**	**0**	**0**	**0**	**0**	**11**	**176**	**47**	**8**	**4**	**1**	**4**	**0**	**240**	**252**
3 Hour Totals (am)	1	0	0	0	1	0	0	**2**	39	2	0	0	0	0	0	**41**	588	132	21	6	6	8	0	**761**	**804**
1500-1515	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	96	4	1	0	0	0	0	**101**	**102**
1515-1530	0	0	0	0	0	0	0	**0**	4	1	0	0	0	0	0	**5**	71	4	0	0	1	2	0	**78**	**83**
1530-1545	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	77	8	4	0	0	0	0	**89**	**89**
1545-1600	0	0	0	0	0	0	0	**0**	1	1	0	0	0	0	0	**2**	65	10	2	0	1	0	0	**78**	**80**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**2**	**0**	**0**	**0**	**0**	**0**	**8**	**309**	**26**	**7**	**0**	**2**	**2**	**0**	**346**	**354**
1600-1615	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	75	1	1	1	1	1	0	**80**	**81**
1615-1630	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	56	5	1	0	0	1	0	**63**	**63**
1630-1645	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	75	9	1	1	1	2	0	**89**	**90**
1645-1700	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	69	4	0	0	0	0	0	**73**	**73**
Hourly Total	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**275**	**19**	**3**	**2**	**2**	**4**	**0**	**305**	**307**
1700-1715	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	59	8	0	0	1	0	1	**69**	**69**
1715-1730	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	59	3	0	0	1	1	0	**64**	**64**
1730-1745	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	66	4	1	1	0	1	0	**73**	**73**
1745-1800	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	61	6	0	0	0	1	0	**68**	**69**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**245**	**21**	**1**	**1**	**2**	**3**	**1**	**274**	**275**
1800-1815	1	0	0	0	0	0	0	**1**	1	0	0	0	0	0	0	**1**	75	5	0	0	0	2	0	**82**	**84**
1815-1830	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	61	4	0	0	1	0	0	**66**	**66**
1830-1845	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	51	2	0	0	0	0	0	**53**	**53**
1845-1900	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	54	1	0	0	0	0	0	**55**	**55**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**241**	**12**	**0**	**0**	**1**	**2**	**0**	**256**	**258**
4 Hour Totals (pm)	4	0	0	0	0	0	0	**4**	7	2	0	0	0	0	0	**9**	1070	78	11	3	7	11	1	**1181**	**1194**
Day Total	5	0	0	0	1	0	0	**6**	46	4	0	0	0	0	0	**50**	1658	210	32	9	13	19	1	**1942**	**1998**

	Arm B - Arm A								Arm B - Arm B								Arm B - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0715-0730	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	1	0	0	0	**1**	**1**
0730-0745	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
0745-0800	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**1**	**1**
0800-0815	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**1**
0815-0830	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	**1**
0830-0845	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	**2**
0845-0900	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
Hourly Total	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**2**	**4**
0900-0915	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	**2**
0915-0930	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**1**
0930-0945	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	1	1	0	0	0	0	0	**2**	**3**
0945-1000	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	3	1	0	0	0	0	0	**4**	**6**
Hourly Total	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**2**	**0**	**0**	**0**	**0**	**0**	**7**	**12**
3 Hour Totals (am)	6	1	0	0	0	0	0	**7**	0	0	0	0	0	0	0	**0**	7	2	0	1	0	0	0	**10**	**17**
1500-1515	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	1	1	0	0	0	0	0	**2**	**4**
1515-1530	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	2	1	0	0	0	0	0	**3**	**4**
1530-1545	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	**5**
1545-1600	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	3	2	0	0	0	0	0	**5**	**7**
Hourly Total	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**4**	**0**	**0**	**0**	**0**	**0**	**12**	**20**
1600-1615	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	**5**
1615-1630	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**1**
1630-1645	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	4	1	0	0	0	0	0	**5**	**8**
1645-1700	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**3**
Hourly Total	**9**	**0**	**0**	**0**	**0**	**0**	**0**	**9**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**1**	**0**	**0**	**0**	**0**	**0**	**8**	**17**
1700-1715	16	0	0	0	0	0	0	**16**	0	0	0	0	0	0	0	**0**	19	0	0	0	0	0	0	**19**	**35**
1715-1730	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	6	0	0	0	0	0	0	**6**	**8**
1730-1745	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	**2**
1745-1800	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	**2**
Hourly Total	**18**	**1**	**0**	**0**	**0**	**0**	**0**	**19**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**28**	**0**	**0**	**0**	**0**	**0**	**0**	**28**	**47**
1800-1815	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	**1**
1815-1830	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1830-1845	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**0**
1845-1900	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	**3**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**4**
4 Hour Totals (pm)	36	1	0	0	0	0	0	**37**	0	0	0	0	0	0	0	**0**	46	5	0	0	0	0	0	**51**	**88**
Day Total	42	2	0	0	0	0	0	**44**	0	0	0	0	0	0	0	**0**	53	7	0	1	0	0	0	**61**	**105**

	Arm C - Arm A								Arm C - Arm B								Arm C - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	38	4	1	0	0	0	0	**43**	0	1	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**44**
0715-0730	64	6	0	0	0	1	0	**71**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**72**
0730-0745	82	5	1	0	0	0	0	**88**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**88**
0745-0800	83	4	1	0	1	1	0	**90**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**91**
Hourly Total	**267**	**19**	**3**	**0**	**1**	**2**	**0**	**292**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**295**
0800-0815	68	7	2	0	0	1	0	**78**	4	1	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	**83**
0815-0830	75	4	2	0	0	0	0	**81**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**84**
0830-0845	62	1	2	0	0	10	0	**75**	11	0	0	0	0	0	0	**11**	0	0	0	0	0	0	0	**0**	**86**
0845-0900	48	8	0	1	0	0	0	**57**	12	0	0	0	0	0	0	**12**	1	0	0	0	0	0	0	**1**	**70**
Hourly Total	**253**	**20**	**6**	**1**	**0**	**11**	**0**	**291**	**30**	**1**	**0**	**0**	**0**	**0**	**0**	**31**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**323**
0900-0915	41	5	0	1	0	0	0	**47**	5	0	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	**52**
0915-0930	33	3	1	0	0	2	0	**39**	3	1	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	**43**
0930-0945	21	4	1	1	0	0	0	**27**	2	1	0	0	0	0	0	**3**	0	0	0	1	0	0	0	**1**	**31**

0945-1000	32	4	1	1	0	1	0	39	2	0	1	0	0	0	0	3	2	1	0	0	0	0	0	3	45
Hourly Total	127	16	3	3	0	3	0	152	12	2	1	0	0	0	0	15	2	1	0	1	0	0	0	4	171
3 Hour Totals (am)	647	55	12	4	1	16	0	735	44	4	1	0	0	0	0	49	3	1	0	1	0	0	0	5	789
1500-1515	33	2	1	0	0	0	0	36	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	39
1515-1530	27	2	1	0	0	1	0	31	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2	34
1530-1545	29	5	2	1	1	1	0	39	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1	42
1545-1600	26	3	1	1	1	1	0	33	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2	36
Hourly Total	115	12	5	2	2	3	0	139	7	0	0	0	0	0	0	7	5	0	0	0	0	0	0	5	151
1600-1615	30	4	1	1	1	0	0	37	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	38
1615-1630	37	5	0	1	0	0	0	43	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	45
1630-1645	32	1	0	0	0	0	0	33	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	35
1645-1700	34	2	1	0	0	0	0	37	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	38
Hourly Total	133	12	2	2	1	0	0	150	3	0	0	0	0	0	0	3	3	0	0	0	0	0	0	3	156
1700-1715	22	1	0	0	0	0	0	23	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	24
1715-1730	32	1	0	0	0	0	0	33	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	34
1730-1745	30	4	0	0	0	1	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35
1745-1800	22	5	0	0	0	0	0	27	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	28
Hourly Total	106	11	0	0	0	1	0	118	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2	121
1800-1815	20	1	0	3	1	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
1815-1830	31	0	0	0	0	1	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32
1830-1845	38	4	0	0	0	0	0	42	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	44
1845-1900	24	4	0	0	0	1	0	29	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	30
Hourly Total	113	9	0	3	1	2	0	128	1	1	0	0	0	0	0	2	1	0	0	0	0	0	0	1	131
4 Hour Totals (pm)	467	44	7	7	4	6	0	535	12	1	0	0	0	0	0	13	11	0	0	0	0	0	0	11	559
Day Total	1114	99	19	11	5	22	0	1270	56	5	1	0	0	0	0	62	14	1	0	1	0	0	0	16	1348

	Origin - Arm A								Origin - Arm B								Origin - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	23	6	0	0	1	0	0	30	0	0	0	0	0	0	0	0	38	5	1	0	0	0	0	44	74
0715-0730	43	9	1	0	0	0	0	53	0	0	0	1	0	0	0	1	65	6	0	0	0	1	0	72	126
0730-0745	49	16	0	0	0	0	0	65	0	0	0	0	0	0	0	0	82	5	1	0	0	0	0	88	153
0745-0800	55	11	3	2	1	0	0	72	0	0	0	0	0	0	0	0	84	4	1	0	1	1	0	91	163
Hourly Total	170	42	4	2	2	0	0	220	0	0	0	1	0	0	0	1	269	20	3	0	1	2	0	295	516
0800-0815	61	12	3	0	1	1	0	78	0	1	0	0	0	0	0	1	72	8	2	0	0	1	0	83	162
0815-0830	69	15	2	0	1	2	0	89	1	0	0	0	0	0	0	1	78	4	2	0	0	0	0	84	174
0830-0845	70	10	3	0	0	0	0	83	2	0	0	0	0	0	0	2	73	1	2	0	0	10	0	86	171
0845-0900	71	7	1	0	2	1	0	82	0	0	0	0	0	0	0	0	61	8	0	1	0	0	0	70	152
Hourly Total	271	44	9	0	4	4	0	332	3	1	0	0	0	0	0	4	284	21	6	1	0	11	0	323	659
0900-0915	63	10	1	1	1	2	0	78	2	0	0	0	0	0	0	2	46	5	0	1	0	0	0	52	132
0915-0930	43	17	1	1	0	1	0	63	1	0	0	0	0	0	0	1	36	4	1	0	0	2	0	43	107
0930-0945	33	16	3	1	0	0	0	53	2	1	0	0	0	0	0	3	23	5	1	2	0	0	0	31	87
0945-1000	48	5	3	1	0	1	0	58	5	1	0	0	0	0	0	6	36	5	2	1	0	1	0	45	109
Hourly Total	187	48	8	4	1	4	0	252	10	2	0	0	0	0	0	12	141	19	4	4	0	3	0	171	435
3 Hour Totals (am)	628	134	21	6	7	8	0	804	13	3	0	1	0	0	0	17	694	60	13	5	1	16	0	789	1610
1500-1515	97	4	1	0	0	0	0	102	3	1	0	0	0	0	0	4	36	2	1	0	0	0	0	39	145
1515-1530	75	5	0	0	1	2	0	83	3	1	0	0	0	0	0	4	30	2	1	0	0	1	0	34	121
1530-1545	77	8	4	0	0	0	0	89	5	0	0	0	0	0	0	5	32	5	2	1	1	1	0	42	136
1545-1600	66	11	2	0	1	0	0	80	5	2	0	0	0	0	0	7	29	3	1	1	1	1	0	36	123
Hourly Total	315	28	7	0	2	2	0	354	16	4	0	0	0	0	0	20	127	12	5	2	2	3	0	151	525
1600-1615	76	1	1	1	1	1	0	81	5	0	0	0	0	0	0	5	31	4	1	1	1	0	0	38	124
1615-1630	56	5	1	0	0	1	0	63	1	0	0	0	0	0	0	1	39	5	0	1	0	0	0	45	109
1630-1645	76	9	1	1	1	2	0	90	7	1	0	0	0	0	0	8	34	1	0	0	0	0	0	35	133
1645-1700	69	4	0	0	0	0	0	73	3	0	0	0	0	0	0	3	35	2	1	0	0	0	0	38	114
Hourly Total	277	19	3	2	2	4	0	307	16	1	0	0	0	0	0	17	139	12	2	2	1	0	0	156	480
1700-1715	59	8	0	0	1	0	1	69	35	0	0	0	0	0	0	35	23	1	0	0	0	0	0	24	128
1715-1730	59	3	0	0	1	1	0	64	8	0	0	0	0	0	0	8	33	1	0	0	0	0	0	34	106
1730-1745	66	4	1	1	0	1	0	73	2	0	0	0	0	0	0	2	30	4	0	0	0	1	0	35	110
1745-1800	62	6	0	0	0	1	0	69	1	1	0	0	0	0	0	2	23	5	0	0	0	0	0	28	99
Hourly Total	246	21	1	1	2	3	1	275	46	1	0	0	0	0	0	47	109	11	0	0	0	1	0	121	443
1800-1815	77	5	0	0	0	2	0	84	1	0	0	0	0	0	0	1	20	1	0	3	1	0	0	25	110
1815-1830	61	4	0	0	1	0	0	66	0	0	0	0	0	0	0	0	31	0	0	0	0	1	0	32	98
1830-1845	51	2	0	0	0	0	0	53	0	0	0	0	0	0	0	0	40	4	0	0	0	0	0	44	97
1845-1900	54	1	0	0	0	0	0	55	3	0	0	0	0	0	0	3	24	5	0	0	0	1	0	30	88
Hourly Total	243	12	0	0	1	2	0	258	4	0	0	0	0	0	0	4	115	10	0	3	1	2	0	131	393
4 Hour Totals (pm)	1081	80	11	3	7	11	1	1194	82	6	0	0	0	0	0	88	490	45	7	7	4	6	0	559	1841
Day Total	1709	214	32	9	14	19	1	1998	95	9	0	1	0	0	0	105	1184	105	20	12	5	22	0	1348	3451

	Destination - Arm A								Destination - Arm B								Destination - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	38	4	1	0	0	0	0	43	0	1	0	0	0	0	0	1	23	6	0	0	1	0	0	30	74
0715-0730	64	6	0	0	0	1	0	71	2	0	0	0	0	0	0	2	42	9	1	1	0	0	0	53	126
0730-0745	82	5	1	0	0	0	0	88	0	1	0	0	0	0	0	1	49	15	0	0	0	0	0	64	153
0745-0800	83	4	1	0	1	1	0	90	3	0	0	0	0	0	0	3	53	11	3	2	1	0	0	70	163
Hourly Total	267	19	3	0	1	2	0	292	5	2	0	0	0	0	0	7	167	41	4	3	2	0	0	217	516
0800-0815	68	8	2	0	0	1	0	79	8	1	0	0	0	0	0	9	57	12	3	0	1	1	0	74	162
0815-0830	75	4	2	0	0	0	0	81	12	0	0	0	0	0	0	12	61	15	2	0	1	2	0	81	174
0830-0845	63	1	2	0	0	10	0	76	15	0	0	0	0	0	0	15	67	10	3	0	0	0	0	80	171
0845-0900	48	8	0	1	1	0	0	58	21	0	0	0	0	0	0	21	63	7	1	0	1	1	0	73	152
Hourly Total	254	21	6	1	1	11	0	294	56	1	0	0	0	0	0	57	248	44	9	0	3	4	0	308	659
0900-0915	42	5	0	1	0	0	0	48	9	0	0	0	0	0	0	9	60	10	1	1	1	2	0	75	132
0915-0930	35	3	1	0	0	2	0	41	4	1	0	0	0	0	0	5	41	17	1	1	0	1	0	61	107
0930-0945	22	4	1	1	0	0	0	28	4	2	0	0	0	0	0	6	32	16	3	2	0	0	0	53	87
0945-1000	34	4	1	1	0	1	0	41	5	0	1	0	0	0	0	6	50	7	3	1	0	1	0	62	109
Hourly Total	133	16	3	3	0	3	0	158	22	3	1	0	0	0	0	26	183	50	8	5	1	4	0	251	435
3 Hour Totals (am)	654	56	12	4	2	16	0	744	83	6	1	0	0	0	0	90	598	135	21	8	6	8	0	776	1610
1500-1515	35	2	1	0	0	0	0	38	4	0	0	0	0	0	0	4	97	5	1	0	0	0	0	103	145
1515-1530	28	2	1	0	0	1	0	32	5	1	0	0	0	0	0	6	75	5	0	0	1	2	0	83	121
1530-1545	32	5	2	1	1	1	0	42	2	0	0	0	0	0	0	2	80	8	4	0	0	0	0	92	136
1545-1600	28	3	1	1	1	1	0	35	2	1	0	0	0	0	0	3	70	12	2	0	1	0	0	85	123
Hourly Total	123	12	5	2	2	3	0	147	13	2	0	0	0	0	0	15	322	30	7	0	2	2	0	363	525
1600-1615	33	4	1	1	1	0	0	40	0	0	0	0	0	0	0	0	79	1	1	1	1	1	0	84	124
1615-1630	38	5	0	1	0	0	0	44	1	0	0	0	0	0	0	1	57	5	1	0	0	1	0	64	109
1630-1645	36	1	0	0	0	0	0	37	2	0	0	0	0	0	0	2	79	10	1	1	1	2	0	94	133
1645-1700	37	2	1	0	0	0	0	40	0	0	0	0	0	0	0	0	70	4	0	0	0	0	0	74	114
Hourly Total	144	12	2	2	1	0	0	161	3	0	0	0	0	0	0	3	285	20	3	2	2	4	0	316	480
1700-1715	38	1	0	0	0	0	0	39	0	0	0	0	0	0	0	0	79	8	0	0	1	0	1	89	128
1715-1730	34	1	0	0	0	0	0	35	0	0	0	0	0	0	0	0	66	3	0	0	1	1	0	71	106
1730-1745	30	4	0	0	0	1	0	35	0	0	0	0	0	0	0	0	68	4	1	1	0	1	0	75	110

1745-1800	23	6	0	0	0	0	0	**29**	1	0	0	0	0	0	0	**1**	62	6	0	0	0	1	0	**69**	**99**
Hourly Total	**125**	**12**	**0**	**0**	**0**	**1**	**0**	**138**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**275**	**21**	**1**	**1**	**2**	**3**	**1**	**304**	**443**
1800-1815	21	1	0	3	1	0	0	**26**	1	0	0	0	0	0	0	**1**	76	5	0	0	0	2	0	**83**	**110**
1815-1830	31	0	0	0	0	1	0	**32**	0	0	0	0	0	0	0	**0**	61	4	0	0	1	0	0	**66**	**98**
1830-1845	38	4	0	0	0	0	0	**42**	1	0	0	0	0	0	0	**1**	52	2	0	0	0	0	0	**54**	**97**
1845-1900	25	4	0	0	0	1	0	**30**	0	1	0	0	0	0	0	**1**	56	1	0	0	0	0	0	**57**	**88**
Hourly Total	**115**	**9**	**0**	**3**	**1**	**2**	**0**	**130**	**2**	**1**	**0**	**0**	**0**	**0**	**0**	**3**	**245**	**12**	**0**	**0**	**1**	**2**	**0**	**260**	**393**
4 Hour Totals (pm)	507	45	7	7	4	6	0	**576**	19	3	0	0	0	0	0	**22**	1127	83	11	3	7	11	1	**1243**	**1841**
Day Total	1161	101	19	11	6	22	0	**1320**	102	9	1	0	0	0	0	**112**	1725	218	32	11	13	19	1	**2019**	**3451**

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 4

	Arm A - Arm A								Arm A - Arm B								Arm A - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	25	7	0	0	1	0	0	**33**	**33**
0715-0730	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	43	8	2	1	0	0	0	**54**	**54**
0730-0745	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	48	13	0	0	0	0	0	**61**	**61**
0745-0800	0	0	0	0	0	0	0	**0**	0	0	0	0	1	0	0	**1**	55	11	3	2	0	0	0	**71**	**72**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**1**	**171**	**39**	**5**	**3**	**1**	**0**	**0**	**219**	**220**
0800-0815	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	60	12	3	0	1	0	0	**76**	**77**
0815-0830	0	0	0	0	0	0	0	**0**	2	0	0	0	1	0	0	**3**	59	14	2	0	1	2	0	**78**	**81**
0830-0845	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	64	12	3	0	0	0	0	**79**	**80**
0845-0900	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	59	8	1	0	1	1	0	**70**	**71**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**0**	**0**	**1**	**0**	**0**	**6**	**242**	**46**	**9**	**0**	**3**	**3**	**0**	**303**	**309**
0900-0915	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	56	8	1	1	1	3	0	**70**	**70**
0915-0930	0	0	0	0	0	0	0	**0**	0	1	0	0	0	0	0	**1**	40	16	1	1	0	1	0	**59**	**60**
0930-0945	0	0	0	0	0	0	0	**0**	4	1	0	0	0	0	0	**5**	31	10	4	2	0	0	0	**47**	**52**
0945-1000	1	0	0	0	0	0	0	**1**	1	0	0	0	0	0	0	**1**	46	5	3	1	0	1	0	**56**	**58**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**5**	**2**	**0**	**0**	**0**	**0**	**0**	**7**	**173**	**39**	**9**	**5**	**1**	**5**	**0**	**232**	**240**
3 Hour Totals (am)	1	0	0	0	0	0	0	**1**	10	2	0	0	2	0	0	**14**	586	124	23	8	5	8	0	**754**	**769**
1500-1515	0	0	0	0	0	0	0	**0**	2	1	0	0	0	0	0	**3**	102	1	1	0	0	1	0	**105**	**108**
1515-1530	1	0	0	0	0	0	0	**1**	3	0	0	0	0	0	0	**3**	76	5	1	0	1	2	0	**85**	**89**
1530-1545	0	0	0	0	0	0	0	**0**	3	1	0	0	0	0	0	**4**	66	4	4	0	0	0	0	**74**	**78**
1545-1600	0	0	0	0	0	0	0	**0**	3	2	0	0	0	0	0	**5**	93	13	1	0	1	0	0	**108**	**113**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**11**	**4**	**0**	**0**	**0**	**0**	**0**	**15**	**337**	**23**	**7**	**0**	**2**	**3**	**0**	**372**	**388**
1600-1615	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	71	4	1	1	2	1	0	**80**	**82**
1615-1630	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	53	2	3	0	0	1	0	**59**	**62**
1630-1645	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	60	10	0	0	0	0	0	**70**	**70**
1645-1700	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	86	6	1	1	1	0	0	**95**	**96**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**270**	**22**	**5**	**2**	**3**	**2**	**0**	**304**	**310**
1700-1715	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	76	9	0	0	1	0	1	**87**	**89**
1715-1730	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	62	3	0	0	1	1	0	**67**	**68**
1730-1745	0	0	0	0	0	0	0	**0**	1	0	0	1	0	0	0	**2**	64	4	1	0	0	1	0	**70**	**72**
1745-1800	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	60	7	0	0	0	1	0	**68**	**71**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**0**	**0**	**1**	**0**	**0**	**0**	**8**	**262**	**23**	**1**	**0**	**2**	**3**	**1**	**292**	**300**
1800-1815	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	73	2	0	0	0	2	0	**77**	**80**
1815-1830	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	60	1	0	0	1	0	0	**62**	**65**
1830-1845	0	0	0	0	0	0	0	**0**	4	0	0	0	0	0	0	**4**	54	0	0	0	0	0	0	**54**	**58**
1845-1900	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	55	1	0	0	0	0	0	**56**	**57**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**242**	**4**	**0**	**0**	**1**	**2**	**0**	**249**	**260**
4 Hour Totals (pm)	2	0	0	0	0	0	0	**2**	34	4	0	1	0	0	0	**39**	1111	72	13	2	8	10	1	**1217**	**1258**
Day Total	3	0	0	0	0	0	0	**3**	44	6	0	1	2	0	0	**53**	1697	196	36	10	13	18	1	**1971**	**2027**

	Arm B - Arm A								Arm B - Arm B								Arm B - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	**4**
0715-0730	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	**5**
0730-0745	4	0	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	3	0	0	0	1	0	0	**4**	**8**
0745-0800	9	1	0	0	0	0	0	**10**	0	0	0	0	0	0	0	**0**	5	0	0	0	2	0	0	**7**	**17**
Hourly Total	**17**	**1**	**0**	**0**	**0**	**0**	**0**	**18**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**13**	**0**	**0**	**0**	**3**	**0**	**0**	**16**	**34**
0800-0815	1	1	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	3	1	0	0	0	0	0	**4**	**6**
0815-0830	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	5	0	0	0	1	0	0	**6**	**12**
0830-0845	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	12	0	0	0	0	0	0	**12**	**18**
0845-0900	4	0	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	**7**
Hourly Total	**17**	**1**	**0**	**0**	**0**	**0**	**0**	**18**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**23**	**1**	**0**	**0**	**1**	**0**	**0**	**25**	**43**
0900-0915	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	**4**
0915-0930	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	**2**
0930-0945	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	2	0	0	0	0	0	0	**2**	**3**
0945-1000	4	0	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	4	1	0	0	0	0	0	**5**	**9**
Hourly Total	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**10**	**1**	**0**	**0**	**0**	**0**	**0**	**11**	**18**
3 Hour Totals (am)	41	2	0	0	0	0	0	**43**	0	0	0	0	0	0	0	**0**	46	2	0	0	4	0	0	**52**	**95**
1500-1515	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	11	1	0	0	0	0	0	**12**	**13**
1515-1530	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	3	1	0	0	0	0	0	**4**	**5**
1530-1545	2	0	0	0	1	0	0	**3**	0	0	0	0	0	0	0	**0**	3	1	0	0	0	0	0	**4**	**7**
1545-1600	2	1	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	7	1	0	0	0	0	0	**8**	**11**
Hourly Total	**6**	**1**	**0**	**0**	**1**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**24**	**4**	**0**	**0**	**0**	**0**	**0**	**28**	**36**
1600-1615	2	0	0	0	1	0	0	**3**	0	0	0	0	0	0	0	**0**	4	0	0	0	0	0	0	**4**	**7**
1615-1630	10	1	0	0	0	0	0	**11**	0	0	0	0	0	0	0	**0**	9	1	0	0	0	0	0	**10**	**21**
1630-1645	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	6	0	0	0	0	0	0	**6**	**8**
1645-1700	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	**2**
Hourly Total	**15**	**1**	**0**	**0**	**1**	**0**	**0**	**17**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**20**	**1**	**0**	**0**	**0**	**0**	**0**	**21**	**38**
1700-1715	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	7	0	0	0	0	0	0	**7**	**8**
1715-1730	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	5	0	0	0	0	1	0	**6**	**7**
1730-1745	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	**4**
1745-1800	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	6	0	0	0	0	0	0	**6**	**7**
Hourly Total	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**4**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**21**	**0**	**0**	**0**	**0**	**1**	**0**	**22**	**26**
1800-1815	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	4	2	0	0	0	0	0	**6**	**9**
1815-1830	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	**4**
1830-1845	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	4	0	0	0	0	0	0	**4**	**5**
1845-1900	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	**3**
Hourly Total	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**7**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**12**	**2**	**0**	**0**	**0**	**0**	**0**	**14**	**21**
4 Hour Totals (pm)	32	2	0	0	2	0	0	**36**	0	0	0	0	0	0	0	**0**	77	7	0	0	0	1	0	**85**	**121**
Day Total	73	4	0	0	2	0	0	**79**	0	0	0	0	0	0	0	**0**	123	9	0	0	4	1	0	**137**	**216**

	Arm C - Arm A								Arm C - Arm B								Arm C - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	35	2	2	0	0	0	0	**39**	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	**39**
0715-0730	68	6	0	0	0	1	0	**75**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**77**
0730-0745	81	6	1	0	0	0	0	**88**	0	0	0	0	2	0	0	**2**	0	0	0	0	0	0	0	**0**	**90**
0745-0800	79	5	1	0	1	3	0	**89**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**90**
Hourly Total	**263**	**19**	**4**	**0**	**1**	**4**	**0**	**291**	**3**	**0**	**0**	**0**	**2**	**0**	**0**	**5**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**296**
0800-0815	72	5	2	0	0	5	0	**84**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**85**
0815-0830	77	2	2	0	0	4	0	**85**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**88**
0830-0845	66	2	2	0	1	0	0	**71**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**73**
0845-0900	62	6	0	1	0	0	0	**69**	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**71**
Hourly Total	**277**	**15**	**6**	**1**	**1**	**9**	**0**	**309**	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**8**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**317**
0900-0915	46	4	1	1	0	0	0	**52**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**55**
0915-0930	38	4	1	0	0	2	0	**45**	7	0	0	0	0	0	0	**7**	0	0	0	0	0	0	0	**0**	**52**
0930-0945	25	4	1	2	0	0	0	**32**	4	0	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	**36**

0945-1000	35	8	1	2	0	1	0	**47**	3	1	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	**51**
Hourly Total	**144**	**20**	**4**	**5**	**0**	**3**	**0**	**176**	**17**	**1**	**0**	**0**	**0**	**0**	**0**	**18**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**194**
3 Hour Totals (am)	684	54	14	6	2	16	0	**776**	28	1	0	0	2	0	0	**31**	0	0	0	0	0	0	0	**0**	**807**
1500-1515	36	2	1	0	0	0	0	**39**	6	0	0	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**45**
1515-1530	31	2	1	0	0	1	0	**35**	4	1	0	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	**40**
1530-1545	27	5	2	1	0	1	0	**36**	8	1	0	0	3	0	0	**12**	0	0	0	0	0	0	0	**0**	**48**
1545-1600	25	2	1	1	1	1	0	**31**	9	0	0	0	0	0	0	**9**	0	0	0	0	0	0	0	**0**	**40**
Hourly Total	**119**	**11**	**5**	**2**	**1**	**3**	**0**	**141**	**27**	**2**	**0**	**0**	**3**	**0**	**0**	**32**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**173**
1600-1615	30	4	1	1	0	0	0	**36**	1	1	0	0	2	0	0	**4**	0	1	0	0	0	0	0	**1**	**41**
1615-1630	29	3	0	1	0	0	0	**33**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**36**
1630-1645	27	2	0	0	0	0	0	**29**	5	0	0	0	0	0	0	**5**	1	0	0	0	0	0	0	**1**	**35**
1645-1700	30	2	1	0	0	0	0	**33**	7	1	0	0	0	0	0	**8**	0	0	0	0	0	0	0	**0**	**41**
Hourly Total	**116**	**11**	**2**	**2**	**0**	**0**	**0**	**131**	**16**	**2**	**0**	**0**	**2**	**0**	**0**	**20**	**1**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**153**
1700-1715	21	1	0	0	0	0	0	**22**	9	0	0	0	0	0	0	**9**	0	0	0	0	0	0	0	**0**	**31**
1715-1730	28	3	0	0	0	0	0	**31**	3	1	0	0	0	1	0	**5**	0	0	0	0	0	0	0	**0**	**36**
1730-1745	29	1	0	0	0	1	0	**31**	6	1	0	0	0	0	0	**7**	0	1	0	0	0	0	0	**1**	**39**
1745-1800	24	5	0	0	0	0	0	**29**	9	0	0	0	0	0	0	**9**	0	0	0	0	0	0	0	**0**	**38**
Hourly Total	**102**	**10**	**0**	**0**	**0**	**1**	**0**	**113**	**27**	**2**	**0**	**0**	**0**	**1**	**0**	**30**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**144**
1800-1815	16	1	0	3	1	0	0	**21**	7	0	1	0	0	0	0	**8**	0	0	0	0	0	0	0	**0**	**29**
1815-1830	33	0	0	0	0	1	0	**34**	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	**37**
1830-1845	35	4	0	0	0	0	0	**39**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**40**
1845-1900	25	0	0	0	0	1	0	**26**	1	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	**0**	**27**
Hourly Total	**109**	**5**	**0**	**3**	**1**	**2**	**0**	**120**	**12**	**0**	**1**	**0**	**0**	**0**	**0**	**13**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**133**
4 Hour Totals (pm)	446	37	7	7	2	6	0	**505**	82	6	1	0	5	1	0	**95**	1	2	0	0	0	0	0	**3**	**603**
Day Total	1130	91	21	13	4	22	0	**1281**	110	7	1	0	7	1	0	**126**	1	2	0	0	0	0	0	**3**	**1410**

	Origin - Arm A								Origin - Arm B								Origin - Arm C								
	Car	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Arm Total**
0700-0715	25	7	0	0	1	0	0	**33**	4	0	0	0	0	0	0	**4**	35	2	2	0	0	0	0	**39**	**76**
0715-0730	43	8	2	1	0	0	0	**54**	5	0	0	0	0	0	0	**5**	70	6	0	0	0	1	0	**77**	**136**
0730-0745	48	13	0	0	0	0	0	**61**	7	0	0	0	1	0	0	**8**	81	6	1	0	2	0	0	**90**	**159**
0745-0800	55	11	3	2	1	0	0	**72**	14	1	0	0	2	0	0	**17**	80	5	1	0	1	3	0	**90**	**179**
Hourly Total	**171**	**39**	**5**	**3**	**2**	**0**	**0**	**220**	**30**	**1**	**0**	**0**	**3**	**0**	**0**	**34**	**266**	**19**	**4**	**0**	**3**	**4**	**0**	**296**	**550**
0800-0815	61	12	3	0	1	0	0	**77**	4	2	0	0	0	0	0	**6**	73	5	2	0	0	5	0	**85**	**168**
0815-0830	61	14	2	0	2	2	0	**81**	11	0	0	0	1	0	0	**12**	80	2	2	0	0	4	0	**88**	**181**
0830-0845	65	12	3	0	0	0	0	**80**	18	0	0	0	0	0	0	**18**	68	2	2	0	1	0	0	**73**	**171**
0845-0900	60	8	1	0	1	1	0	**71**	7	0	0	0	0	0	0	**7**	64	6	0	1	0	0	0	**71**	**149**
Hourly Total	**247**	**46**	**9**	**0**	**4**	**3**	**0**	**309**	**40**	**2**	**0**	**0**	**1**	**0**	**0**	**43**	**285**	**15**	**6**	**1**	**1**	**9**	**0**	**317**	**669**
0900-0915	56	8	1	1	1	3	0	**70**	4	0	0	0	0	0	0	**4**	49	4	1	1	0	0	0	**55**	**129**
0915-0930	40	17	1	1	0	1	0	**60**	2	0	0	0	0	0	0	**2**	45	4	1	0	0	2	0	**52**	**114**
0930-0945	35	11	4	2	0	0	0	**52**	3	0	0	0	0	0	0	**3**	29	4	1	2	0	0	0	**36**	**91**
0945-1000	48	5	3	1	0	1	0	**58**	8	1	0	0	0	0	0	**9**	38	9	1	2	0	1	0	**51**	**118**
Hourly Total	**179**	**41**	**9**	**5**	**1**	**5**	**0**	**240**	**17**	**1**	**0**	**0**	**0**	**0**	**0**	**18**	**161**	**21**	**4**	**5**	**0**	**3**	**0**	**194**	**452**
3 Hour Totals (am)	597	126	23	8	7	8	0	**769**	87	4	0	0	4	0	0	**95**	712	55	14	6	4	16	0	**807**	**1671**
1500-1515	104	2	1	0	0	1	0	**108**	12	1	0	0	0	0	0	**13**	42	2	1	0	0	0	0	**45**	**166**
1515-1530	80	5	1	0	1	2	0	**89**	4	1	0	0	0	0	0	**5**	35	3	1	0	0	1	0	**40**	**134**
1530-1545	69	5	4	0	0	0	0	**78**	5	1	0	0	1	0	0	**7**	35	6	2	1	3	1	0	**48**	**133**
1545-1600	96	15	1	0	1	0	0	**113**	9	2	0	0	0	0	0	**11**	34	2	1	1	1	1	0	**40**	**164**
Hourly Total	**349**	**27**	**7**	**0**	**2**	**3**	**0**	**388**	**30**	**5**	**0**	**0**	**1**	**0**	**0**	**36**	**146**	**13**	**5**	**2**	**4**	**3**	**0**	**173**	**597**
1600-1615	73	4	1	1	2	1	0	**82**	6	0	0	0	1	0	0	**7**	31	6	1	1	2	0	0	**41**	**130**
1615-1630	56	2	3	0	0	1	0	**62**	19	2	0	0	0	0	0	**21**	32	3	0	1	0	0	0	**36**	**119**
1630-1645	60	10	0	0	0	0	0	**70**	8	0	0	0	0	0	0	**8**	33	2	0	0	0	0	0	**35**	**113**
1645-1700	87	6	1	1	1	0	0	**96**	2	0	0	0	0	0	0	**2**	37	3	1	0	0	0	0	**41**	**139**
Hourly Total	**276**	**22**	**5**	**2**	**3**	**2**	**0**	**310**	**35**	**2**	**0**	**0**	**1**	**0**	**0**	**38**	**133**	**14**	**2**	**2**	**2**	**0**	**0**	**153**	**501**
1700-1715	78	9	0	0	1	0	1	**89**	8	0	0	0	0	0	0	**8**	30	1	0	0	0	0	0	**31**	**128**
1715-1730	63	3	0	0	1	1	0	**68**	6	0	0	0	0	1	0	**7**	31	4	0	0	0	1	0	**36**	**111**
1730-1745	65	4	1	1	0	1	0	**72**	4	0	0	0	0	0	0	**4**	35	3	0	0	0	1	0	**39**	**115**
1745-1800	63	7	0	0	0	1	0	**71**	7	0	0	0	0	0	0	**7**	33	5	0	0	0	0	0	**38**	**116**
Hourly Total	**269**	**23**	**1**	**1**	**2**	**3**	**1**	**300**	**25**	**0**	**0**	**0**	**0**	**1**	**0**	**26**	**129**	**13**	**0**	**0**	**0**	**2**	**0**	**144**	**470**
1800-1815	76	2	0	0	0	2	0	**80**	7	2	0	0	0	0	0	**9**	23	1	1	3	1	0	0	**29**	**118**
1815-1830	63	1	0	0	1	0	0	**65**	4	0	0	0	0	0	0	**4**	36	0	0	0	0	1	0	**37**	**106**
1830-1845	58	0	0	0	0	0	0	**58**	5	0	0	0	0	0	0	**5**	36	4	0	0	0	0	0	**40**	**103**
1845-1900	56	1	0	0	0	0	0	**57**	3	0	0	0	0	0	0	**3**	26	0	0	0	0	1	0	**27**	**87**
Hourly Total	**253**	**4**	**0**	**0**	**1**	**2**	**0**	**260**	**19**	**2**	**0**	**0**	**0**	**0**	**0**	**21**	**121**	**5**	**1**	**3**	**1**	**2**	**0**	**133**	**414**
4 Hour Totals (pm)	1147	76	13	3	8	10	1	**1258**	109	9	0	0	2	1	0	**121**	529	45	8	7	7	7	0	**603**	**1982**
Day Total	1744	202	36	11	15	18	1	**2027**	196	13	0	0	6	1	0	**216**	1241	100	22	13	11	23	0	**1410**	**3653**

	Destination - Arm A								Destination - Arm B								Destination - Arm C								
	Car	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Arm Total**
0700-0715	37	2	2	0	0	0	0	**41**	0	0	0	0	0	0	0	**0**	27	7	0	0	1	0	0	**35**	**76**
0715-0730	70	6	0	0	0	1	0	**77**	2	0	0	0	0	0	0	**2**	46	8	2	1	0	0	0	**57**	**136**
0730-0745	85	6	1	0	0	0	0	**92**	0	0	0	0	2	0	0	**2**	51	13	0	0	1	0	0	**65**	**159**
0745-0800	88	6	1	0	1	3	0	**99**	1	0	0	0	1	0	0	**2**	60	11	3	2	2	0	0	**78**	**179**
Hourly Total	**280**	**20**	**4**	**0**	**1**	**4**	**0**	**309**	**3**	**0**	**0**	**0**	**3**	**0**	**0**	**6**	**184**	**39**	**5**	**3**	**4**	**0**	**0**	**235**	**550**
0800-0815	73	6	2	0	0	5	0	**86**	2	0	0	0	0	0	0	**2**	63	13	3	0	1	0	0	**80**	**168**
0815-0830	83	2	2	0	0	4	0	**91**	5	0	0	0	1	0	0	**6**	64	14	2	0	2	2	0	**84**	**181**
0830-0845	72	2	2	0	1	0	0	**77**	3	0	0	0	0	0	0	**3**	76	12	3	0	0	0	0	**91**	**171**
0845-0900	66	6	0	1	0	0	0	**73**	3	0	0	0	0	0	0	**3**	62	8	1	0	1	1	0	**73**	**149**
Hourly Total	**294**	**16**	**6**	**1**	**1**	**9**	**0**	**327**	**13**	**0**	**0**	**0**	**1**	**0**	**0**	**14**	**265**	**47**	**9**	**0**	**4**	**3**	**0**	**328**	**669**
0900-0915	47	4	1	1	0	0	0	**53**	3	0	0	0	0	0	0	**3**	59	8	1	1	1	3	0	**73**	**129**
0915-0930	39	4	1	0	0	2	0	**46**	7	1	0	0	0	0	0	**8**	41	16	1	1	0	1	0	**60**	**114**
0930-0945	26	4	1	2	0	0	0	**33**	8	1	0	0	0	0	0	**9**	33	10	4	2	0	0	0	**49**	**91**
0945-1000	40	8	1	2	0	1	0	**52**	4	1	0	0	0	0	0	**5**	50	6	3	1	0	1	0	**61**	**118**
Hourly Total	**152**	**20**	**4**	**5**	**0**	**3**	**0**	**184**	**22**	**3**	**0**	**0**	**0**	**0**	**0**	**25**	**183**	**40**	**9**	**5**	**1**	**5**	**0**	**243**	**452**
3 Hour Totals (am)	726	56	14	6	2	16	0	**820**	38	3	0	0	4	0	0	**45**	632	126	23	8	9	8	0	**806**	**1671**
1500-1515	37	2	1	0	0	0	0	**40**	8	1	0	0	0	0	0	**9**	113	2	1	0	0	1	0	**117**	**166**
1515-1530	33	2	1	0	0	1	0	**37**	7	1	0	0	0	0	0	**8**	79	6	1	0	1	2	0	**89**	**134**
1530-1545	29	5	2	1	1	1	0	**39**	11	2	0	0	3	0	0	**16**	69	5	4	0	0	0	0	**78**	**133**
1545-1600	27	3	1	1	1	1	0	**34**	12	2	0	0	0	0	0	**14**	100	14	1	0	1	0	0	**116**	**164**
Hourly Total	**126**	**12**	**5**	**2**	**2**	**3**	**0**	**150**	**38**	**6**	**0**	**0**	**3**	**0**	**0**	**47**	**361**	**27**	**7**	**0**	**2**	**3**	**0**	**400**	**597**
1600-1615	32	4	1	1	1	0	0	**39**	3	1	0	0	2	0	0	**6**	75	5	1	1	2	1	0	**85**	**130**
1615-1630	39	4	0	1	0	0	0	**44**	6	0	0	0	0	0	0	**6**	62	3	3	0	0	1	0	**69**	**119**
1630-1645	29	2	0	0	0	0	0	**31**	5	0	0	0	0	0	0	**5**	67	10	0	0	0	0	0	**77**	**113**
1645-1700	32	2	1	0	0	0	0	**35**	7	1	0	0	0	0	0	**8**	87	6	1	1	1	0	0	**96**	**139**
Hourly Total	**132**	**12**	**2**	**2**	**1**	**0**	**0**	**149**	**21**	**2**	**0**	**0**	**2**	**0**	**0**	**25**	**291**	**24**	**5**	**2**	**3**	**2**	**0**	**327**	**501**
1700-1715	22	1	0	0	0	0	0	**23**	11	0	0	0	0	0	0	**11**	83	9	0	0	1	0	1	**94**	**128**
1715-1730	29	3	0	0	0	0	0	**32**	4	1	0	0	0	1	0	**6**	67	3	0	0	1	2	0	**73**	**111**
1730-1745	30	1	0	0	0	1	0	**32**	7	1	0	1	0	0	0	**9**	67	5	1	0	0	1	0	**74**	**115**

1745-1800	25	5	0	0	0	0	0	**30**	12	0	0	0	0	0	0	**12**	66	7	0	0	0	1	0	**74**	**116**
Hourly Total	**106**	**10**	**0**	**0**	**0**	**1**	**0**	**117**	**34**	**2**	**0**	**1**	**0**	**1**	**0**	**38**	**283**	**24**	**1**	**0**	**2**	**4**	**1**	**315**	**470**
1800-1815	19	1	0	3	1	0	0	**24**	10	0	1	0	0	0	0	**11**	77	4	0	0	0	2	0	**83**	**118**
1815-1830	36	0	0	0	0	1	0	**37**	6	0	0	0	0	0	0	**6**	61	1	0	0	1	0	0	**63**	**106**
1830-1845	36	4	0	0	0	0	0	**40**	5	0	0	0	0	0	0	**5**	58	0	0	0	0	0	0	**58**	**103**
1845-1900	25	0	0	0	0	1	0	**26**	2	0	0	0	0	0	0	**2**	58	1	0	0	0	0	0	**59**	**87**
Hourly Total	**116**	**5**	**0**	**3**	**1**	**2**	**0**	**127**	**23**	**0**	**1**	**0**	**0**	**0**	**0**	**24**	**254**	**6**	**0**	**0**	**1**	**2**	**0**	**263**	**414**
4 Hour Totals (pm)	480	39	7	7	4	6	0	**543**	116	10	1	1	5	1	0	**134**	1189	81	13	2	8	11	1	**1305**	**1982**
Day Total	1206	95	21	13	6	22	0	**1363**	154	13	1	1	9	1	0	**179**	1821	207	36	10	17	19	1	**2111**	**3653**

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 5

	Arm A - Arm A								Arm A - Arm B								Arm A - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	0	0	0	0	0	0	**0**	1	0	0	1	0	0	0	**2**	0	0	0	0	0	0	0	**0**	**2**
0715-0730	0	0	0	0	0	0	0	**0**	0	1	1	0	0	0	0	**2**	0	0	1	0	0	0	0	**1**	**3**
0730-0745	0	0	0	0	0	0	0	**0**	5	0	1	1	0	0	0	**7**	0	0	0	0	0	0	0	**0**	**7**
0745-0800	0	0	0	0	0	0	0	**0**	5	1	1	1	0	0	0	**8**	1	1	1	1	1	0	0	**5**	**13**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**2**	**3**	**3**	**0**	**0**	**0**	**19**	**1**	**1**	**2**	**1**	**1**	**0**	**0**	**6**	**25**
0800-0815	0	0	0	0	0	0	0	**0**	4	1	1	1	0	0	0	**7**	0	0	0	0	0	0	0	**0**	**7**
0815-0830	0	0	0	0	0	0	0	**0**	3	0	1	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	**4**
0830-0845	0	0	0	0	0	0	0	**0**	5	1	1	0	0	0	0	**7**	1	0	1	0	0	0	0	**2**	**9**
0845-0900	0	0	0	0	0	0	0	**0**	3	1	1	1	0	0	0	**6**	0	0	1	0	0	0	0	**1**	**7**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**15**	**3**	**4**	**2**	**0**	**0**	**0**	**24**	**1**	**0**	**2**	**0**	**0**	**0**	**0**	**3**	**27**
0900-0915	0	0	0	0	0	0	0	**0**	3	0	1	2	1	0	0	**7**	0	0	1	0	0	0	0	**1**	**8**
0915-0930	0	0	0	0	0	0	0	**0**	6	1	0	2	0	0	0	**9**	0	2	0	0	0	0	0	**2**	**11**
0930-0945	0	0	0	0	0	0	0	**0**	1	1	2	0	0	0	0	**4**	0	1	1	0	0	0	0	**2**	**6**
0945-1000	0	0	0	0	0	0	0	**0**	1	0	0	1	0	0	0	**2**	2	1	1	1	0	0	0	**5**	**7**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**	**2**	**3**	**5**	**1**	**0**	**0**	**22**	**2**	**4**	**3**	**1**	**0**	**0**	**0**	**10**	**32**
3 Hour Totals (am)	0	0	0	0	0	0	0	**0**	37	7	10	10	1	0	0	**65**	4	5	7	2	1	0	0	**19**	**84**
1500-1515	0	0	0	0	0	0	0	**0**	4	2	1	2	0	0	0	**9**	3	0	1	0	0	0	0	**4**	**13**
1515-1530	0	0	0	0	0	0	0	**0**	2	0	1	1	0	0	0	**4**	0	0	0	0	0	0	0	**0**	**4**
1530-1545	0	0	0	0	0	0	0	**0**	10	3	0	0	1	0	0	**14**	1	0	1	0	0	0	0	**2**	**16**
1545-1600	0	0	0	0	0	0	0	**0**	4	0	2	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	**6**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**20**	**5**	**4**	**3**	**1**	**0**	**0**	**33**	**4**	**0**	**2**	**0**	**0**	**0**	**0**	**6**	**39**
1600-1615	0	0	0	0	0	0	0	**0**	7	0	1	1	0	0	0	**9**	1	0	1	0	1	0	0	**3**	**12**
1615-1630	0	0	0	0	0	0	0	**0**	6	2	1	0	0	0	0	**9**	1	0	0	0	0	0	0	**1**	**10**
1630-1645	0	0	0	0	0	0	0	**0**	7	1	0	0	0	0	0	**8**	2	0	0	1	0	0	0	**3**	**11**
1645-1700	0	0	0	0	0	0	0	**0**	5	2	1	1	0	0	0	**9**	1	0	0	0	0	0	0	**1**	**10**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**25**	**5**	**3**	**2**	**0**	**0**	**0**	**35**	**5**	**0**	**1**	**1**	**1**	**0**	**0**	**8**	**43**
1700-1715	0	0	0	0	0	0	0	**0**	17	0	0	0	0	2	0	**19**	2	0	0	0	0	0	0	**2**	**21**
1715-1730	0	0	0	0	0	0	0	**0**	11	1	0	0	0	0	0	**12**	0	0	0	0	0	0	0	**0**	**12**
1730-1745	0	0	0	0	0	0	0	**0**	4	0	0	0	0	1	0	**5**	3	0	0	1	0	0	0	**4**	**9**
1745-1800	0	0	0	0	0	0	0	**0**	3	1	0	0	0	0	0	**4**	1	0	0	0	0	0	0	**1**	**5**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**35**	**2**	**0**	**0**	**0**	**3**	**0**	**40**	**6**	**0**	**0**	**1**	**0**	**0**	**0**	**7**	**47**
1800-1815	0	0	0	0	0	0	0	**0**	6	3	0	0	0	0	0	**9**	4	0	0	0	0	0	0	**4**	**13**
1815-1830	0	0	0	0	0	0	0	**0**	3	0	0	0	0	0	0	**3**	1	1	0	0	0	0	0	**2**	**5**
1830-1845	0	0	0	0	0	0	0	**0**	8	0	0	0	0	0	0	**8**	1	0	0	0	0	0	0	**1**	**9**
1845-1900	0	0	0	0	0	0	0	**0**	1	0	0	0	0	0	0	**1**	1	0	0	0	0	0	0	**1**	**2**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**18**	**3**	**0**	**0**	**0**	**0**	**0**	**21**	**7**	**1**	**0**	**0**	**0**	**0**	**0**	**8**	**29**
4 Hour Totals (pm)	0	0	0	0	0	0	0	**0**	98	15	7	5	1	3	0	**129**	22	1	3	2	1	0	0	**29**	**158**
Day Total	0	0	0	0	0	0	0	**0**	135	22	17	15	2	3	0	**194**	26	6	10	4	2	0	0	**48**	**242**

	Arm B - Arm A								Arm B - Arm B								Arm B - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	29	7	0	0	1	0	0	**37**	**37**
0715-0730	2	1	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	45	9	0	0	0	0	0	**54**	**57**
0730-0745	6	0	2	1	0	0	0	**9**	0	0	0	0	0	0	0	**0**	51	12	0	0	0	0	0	**63**	**72**
0745-0800	2	1	1	0	1	0	0	**5**	0	0	0	0	0	0	0	**0**	54	10	2	1	0	0	0	**67**	**72**
Hourly Total	**10**	**2**	**3**	**1**	**1**	**0**	**0**	**17**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**179**	**38**	**2**	**1**	**1**	**0**	**0**	**221**	**238**
0800-0815	1	0	1	2	0	0	0	**4**	0	0	0	0	0	0	0	**0**	59	11	4	0	1	2	0	**77**	**81**
0815-0830	4	0	1	0	0	0	0	**5**	0	0	0	0	0	0	0	**0**	74	15	2	0	1	1	0	**93**	**98**
0830-0845	2	1	0	2	0	0	0	**5**	0	0	0	0	0	0	0	**0**	69	11	3	0	0	0	0	**83**	**88**
0845-0900	5	0	1	0	0	0	0	**6**	0	0	0	0	0	0	0	**0**	71	6	0	0	2	1	0	**80**	**86**
Hourly Total	**12**	**1**	**3**	**4**	**0**	**0**	**0**	**20**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**273**	**43**	**9**	**0**	**4**	**4**	**0**	**333**	**353**
0900-0915	5	0	2	1	1	0	0	**9**	0	0	0	0	0	0	0	**0**	61	8	0	1	1	2	0	**73**	**82**
0915-0930	3	1	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	41	16	1	1	0	1	0	**60**	**64**
0930-0945	1	0	3	1	0	0	0	**5**	0	0	0	0	0	0	0	**0**	36	14	1	1	0	0	0	**52**	**57**
0945-1000	3	0	0	1	0	0	0	**4**	0	0	0	0	0	0	0	**0**	44	4	1	0	0	1	0	**50**	**54**
Hourly Total	**12**	**1**	**5**	**3**	**1**	**0**	**0**	**22**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**182**	**42**	**3**	**3**	**1**	**4**	**0**	**235**	**257**
3 Hour Totals (am)	34	4	11	8	2	0	0	**59**	0	0	0	0	0	0	0	**0**	634	123	14	4	6	8	0	**789**	**848**
1500-1515	1	1	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	96	4	0	0	0	1	0	**101**	**103**
1515-1530	9	1	0	1	0	0	0	**11**	0	0	0	0	0	0	0	**0**	67	6	0	0	1	1	0	**75**	**86**
1530-1545	5	2	0	1	0	0	0	**8**	0	0	0	0	0	0	0	**0**	76	7	3	0	0	0	0	**86**	**94**
1545-1600	2	0	1	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	72	8	2	0	1	0	0	**83**	**86**
Hourly Total	**17**	**4**	**1**	**2**	**0**	**0**	**0**	**24**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**311**	**25**	**5**	**0**	**2**	**2**	**0**	**345**	**369**
1600-1615	2	0	0	2	1	0	0	**5**	0	0	0	0	0	0	0	**0**	73	1	0	1	0	1	0	**76**	**81**
1615-1630	1	2	1	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	48	4	1	0	0	1	0	**54**	**58**
1630-1645	2	0	0	0	0	0	0	**2**	0	0	0	0	0	0	0	**0**	78	8	1	0	1	2	0	**90**	**92**
1645-1700	6	1	1	0	0	0	0	**8**	0	0	0	0	0	0	0	**0**	63	5	0	0	0	0	1	**69**	**77**
Hourly Total	**11**	**3**	**2**	**2**	**1**	**0**	**0**	**19**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**262**	**18**	**2**	**1**	**1**	**4**	**1**	**289**	**308**
1700-1715	7	0	1	0	0	0	0	**8**	0	0	0	0	0	0	0	**0**	60	9	0	0	1	0	0	**70**	**78**
1715-1730	10	1	0	0	0	0	0	**11**	0	0	0	0	0	0	0	**0**	55	2	1	0	1	1	0	**60**	**71**
1730-1745	5	0	1	1	0	0	0	**7**	0	0	0	0	0	0	0	**0**	66	2	0	0	0	1	0	**69**	**76**
1745-1800	5	0	0	1	0	0	0	**6**	0	0	0	0	0	0	0	**0**	56	7	0	0	0	1	0	**64**	**70**
Hourly Total	**27**	**1**	**2**	**2**	**0**	**0**	**0**	**32**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**237**	**20**	**1**	**0**	**2**	**3**	**0**	**263**	**295**
1800-1815	6	1	0	0	0	0	0	**7**	0	0	0	0	0	0	0	**0**	74	4	0	0	0	2	0	**80**	**87**
1815-1830	2	2	0	0	0	0	0	**4**	0	0	0	0	0	0	0	**0**	60	3	0	0	1	0	0	**64**	**68**
1830-1845	0	0	0	0	0	0	0	**0**	0	0	0	0	0	0	0	**0**	51	2	0	0	0	0	0	**53**	**53**
1845-1900	3	0	0	0	0	0	0	**3**	0	0	0	0	0	0	0	**0**	59	1	0	0	0	0	0	**60**	**63**
Hourly Total	**11**	**3**	**0**	**0**	**0**	**0**	**0**	**14**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**244**	**10**	**0**	**0**	**1**	**2**	**0**	**257**	**271**
4 Hour Totals (pm)	66	11	5	6	1	0	0	**89**	0	0	0	0	0	0	0	**0**	1054	73	8	1	6	11	1	**1154**	**1243**
Day Total	100	15	16	14	3	0	0	**148**	0	0	0	0	0	0	0	**0**	1688	196	22	5	12	19	1	**1943**	**2091**

	Arm C - Arm A								Arm C - Arm B								Arm C - Arm C								
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	2	0	0	0	0	0	**2**	37	1	1	0	0	0	0	**39**	0	0	0	0	0	0	0	**0**	**41**
0715-0730	1	0	0	0	0	0	0	**1**	64	5	0	0	0	1	0	**70**	0	0	0	0	0	0	0	**0**	**71**
0730-0745	3	1	0	0	0	0	0	**4**	76	4	1	0	0	0	0	**81**	0	0	0	0	0	0	0	**0**	**85**
0745-0800	1	1	1	0	0	0	0	**3**	81	4	0	0	1	1	0	**87**	0	0	0	0	0	0	0	**0**	**90**
Hourly Total	**5**	**4**	**1**	**0**	**0**	**0**	**0**	**10**	**258**	**14**	**2**	**0**	**1**	**2**	**0**	**277**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**287**
0800-0815	3	0	1	0	0	0	0	**4**	69	6	1	0	0	1	0	**77**	0	0	0	0	0	0	0	**0**	**81**
0815-0830	1	0	0	0	0	0	0	**1**	72	5	2	0	0	0	0	**79**	0	0	0	0	0	0	0	**0**	**80**
0830-0845	2	0	1	0	0	0	0	**3**	64	1	0	0	0	10	0	**75**	0	0	0	0	0	0	0	**0**	**78**
0845-0900	1	2	1	1	0	0	0	**5**	49	5	0	0	1	0	0	**55**	0	0	0	0	0	0	0	**0**	**60**
Hourly Total	**7**	**2**	**3**	**1**	**0**	**0**	**0**	**13**	**254**	**17**	**3**	**0**	**1**	**11**	**0**	**286**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**299**
0900-0915	1	2	0	1	0	0	0	**4**	38	4	0	0	0	0	0	**42**	0	0	0	0	0	0	0	**0**	**46**
0915-0930	0	0	0	0	0	0	0	**0**	33	3	1	0	0	2	0	**39**	0	0	0	0	0	0	0	**0**	**39**
0930-0945	1	0	0	1	0	0	0	**2**	23	3	1	0	0	0	0	**27**	0	0	0	0	0	0	0	**0**	**29**
0945-1000	1	0	0	1	0	0	0	**2**	30	3	1	0	0	1	0	**35**	0	0	0	0	0	0	0	**0**	**37**
Hourly Total	**3**	**2**	**0**	**3**	**0**	**0**	**0**	**8**	**124**	**13**	**3**	**0**	**0**	**3**	**0**	**143**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**151**
3 Hour Totals (am)	15	8	4	4	0	0	0	**31**	636	44	8	0	2	16	0	**706**	0	0	0	0	0	0	0	**0**	**737**
1500-1515	3	0	1	0	0	0	0	**4**	34	2	0	0	0	0	0	**36**	0	0	0	0	0	0	0	**0**	**40**
1515-1530	1	1	1	0	0	0	0	**3**	26	2	0	0	0	1	0	**29**	0	0	0	0	0	0	0	**0**	**32**

1530-1545	1	0	2	0	1	0	0	**4**	26	4	0	1	0	1	0	**32**	0	0	0	0	0	0	0	**0**	**36**
1545-1600	0	1	1	1	0	0	0	**3**	34	4	0	0	1	1	0	**40**	0	0	0	0	0	0	0	**0**	**43**
Hourly Total	**5**	**2**	**5**	**1**	**1**	**0**	**0**	**14**	**120**	**12**	**0**	**1**	**1**	**3**	**0**	**137**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**151**
1600-1615	1	0	1	1	0	0	0	**3**	31	5	0	0	1	0	0	**37**	0	0	0	0	0	0	0	**0**	**40**
1615-1630	1	0	0	1	0	0	0	**2**	37	5	0	0	0	0	0	**42**	0	0	0	0	0	0	0	**0**	**44**
1630-1645	1	1	0	0	0	0	0	**2**	34	1	0	0	0	0	0	**35**	0	0	0	0	0	0	0	**0**	**37**
1645-1700	1	0	0	0	0	0	0	**1**	35	2	1	0	0	0	0	**38**	0	0	0	0	0	0	0	**0**	**39**
Hourly Total	**4**	**1**	**1**	**2**	**0**	**0**	**0**	**8**	**137**	**13**	**1**	**0**	**1**	**0**	**0**	**152**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**160**
1700-1715	1	0	0	0	0	0	0	**1**	42	0	0	0	0	0	0	**42**	0	0	0	0	0	0	0	**0**	**43**
1715-1730	3	0	0	0	0	0	0	**3**	36	1	0	0	0	0	0	**37**	0	0	0	0	0	0	0	**0**	**40**
1730-1745	1	0	0	0	0	0	0	**1**	28	3	0	0	0	1	0	**32**	0	0	0	0	0	0	0	**0**	**33**
1745-1800	0	1	0	0	0	0	0	**1**	25	5	0	0	0	0	0	**30**	0	0	0	0	0	0	0	**0**	**31**
Hourly Total	**5**	**1**	**0**	**0**	**0**	**0**	**0**	**6**	**131**	**9**	**0**	**0**	**0**	**1**	**0**	**141**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**147**
1800-1815	1	0	0	3	0	0	0	**4**	20	1	0	0	1	0	0	**22**	0	0	0	0	0	0	0	**0**	**26**
1815-1830	1	0	0	0	0	0	0	**1**	29	0	0	0	0	1	0	**30**	0	0	0	0	0	0	0	**0**	**31**
1830-1845	0	0	0	0	0	0	0	**0**	36	3	0	0	0	0	0	**39**	0	0	0	0	0	0	0	**0**	**39**
1845-1900	0	0	0	0	0	0	0	**0**	28	3	0	0	0	1	0	**32**	0	0	0	0	0	0	0	**0**	**32**
Hourly Total	**2**	**0**	**0**	**3**	**0**	**0**	**0**	**5**	**113**	**7**	**0**	**0**	**1**	**2**	**0**	**123**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**128**
4 Hour Totals (pm)	16	4	6	6	1	0	0	**33**	501	41	1	1	3	6	0	**553**	0	0	0	0	0	0	0	**0**	**586**
Day Total	31	12	10	10	1	0	0	**64**	1137	85	9	1	5	22	0	**1259**	0	0	0	0	0	0	0	**0**	**1323**

	Origin - Arm A								Origin - Arm B								Origin - Arm C								
	Car	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Arm Total**
0700-0715	1	0	0	1	0	0	0	**2**	29	7	0	0	1	0	0	**37**	37	3	1	0	0	0	0	**41**	**80**
0715-0730	0	1	2	0	0	0	0	**3**	47	10	0	0	0	0	0	**57**	65	5	0	0	0	1	0	**71**	**131**
0730-0745	5	0	1	1	0	0	0	**7**	57	12	2	1	0	0	0	**72**	79	5	1	0	0	0	0	**85**	**164**
0745-0800	6	2	2	2	1	0	0	**13**	56	11	3	1	1	0	0	**72**	82	5	1	0	1	1	0	**90**	**175**
Hourly Total	**12**	**3**	**5**	**4**	**1**	**0**	**0**	**25**	**189**	**40**	**5**	**2**	**2**	**0**	**0**	**238**	**263**	**18**	**3**	**0**	**1**	**2**	**0**	**287**	**550**
0800-0815	4	1	1	1	0	0	0	**7**	60	11	5	2	1	2	0	**81**	72	6	2	0	0	1	0	**81**	**169**
0815-0830	3	0	1	0	0	0	0	**4**	78	15	3	0	1	1	0	**98**	73	5	2	0	0	0	0	**80**	**182**
0830-0845	6	1	2	0	0	0	0	**9**	71	12	3	2	0	0	0	**88**	66	1	1	0	0	10	0	**78**	**175**
0845-0900	3	1	2	1	0	0	0	**7**	76	6	1	0	2	1	0	**86**	50	7	1	1	1	0	0	**60**	**153**
Hourly Total	**16**	**3**	**6**	**2**	**0**	**0**	**0**	**27**	**285**	**44**	**12**	**4**	**4**	**4**	**0**	**353**	**261**	**19**	**6**	**1**	**1**	**11**	**0**	**299**	**679**
0900-0915	3	0	2	2	1	0	0	**8**	66	8	2	2	2	2	0	**82**	39	6	0	1	0	0	0	**46**	**136**
0915-0930	6	3	0	2	0	0	0	**11**	44	17	1	1	0	1	0	**64**	33	3	1	0	0	2	0	**39**	**114**
0930-0945	1	2	3	0	0	0	0	**6**	37	14	4	2	0	0	0	**57**	24	3	1	1	0	0	0	**29**	**92**
0945-1000	3	1	1	2	0	0	0	**7**	47	4	1	1	0	1	0	**54**	31	3	1	1	0	1	0	**37**	**98**
Hourly Total	**13**	**6**	**6**	**6**	**1**	**0**	**0**	**32**	**194**	**43**	**8**	**6**	**2**	**4**	**0**	**257**	**127**	**15**	**3**	**3**	**0**	**3**	**0**	**151**	**440**
3 Hour Totals (am)	41	12	17	12	2	0	0	**84**	668	127	25	12	8	8	0	**848**	651	52	12	4	2	16	0	**737**	**1669**
1500-1515	7	2	2	2	0	0	0	**13**	97	5	0	0	0	1	0	**103**	37	2	1	0	0	0	0	**40**	**156**
1515-1530	2	0	1	1	0	0	0	**4**	76	7	0	1	1	1	0	**86**	27	3	1	0	0	1	0	**32**	**122**
1530-1545	11	3	1	0	1	0	0	**16**	81	9	3	1	0	0	0	**94**	27	4	2	1	1	1	0	**36**	**146**
1545-1600	4	0	2	0	0	0	0	**6**	74	8	3	0	1	0	0	**86**	34	5	1	1	1	1	0	**43**	**135**
Hourly Total	**24**	**5**	**6**	**3**	**1**	**0**	**0**	**39**	**328**	**29**	**6**	**2**	**2**	**2**	**0**	**369**	**125**	**14**	**5**	**2**	**2**	**3**	**0**	**151**	**559**
1600-1615	8	0	2	1	1	0	0	**12**	75	1	0	3	1	1	0	**81**	32	5	1	1	1	0	0	**40**	**133**
1615-1630	7	2	1	0	0	0	0	**10**	49	6	2	0	0	1	0	**58**	38	5	0	1	0	0	0	**44**	**112**
1630-1645	9	1	0	1	0	0	0	**11**	80	8	1	0	1	2	0	**92**	35	2	0	0	0	0	0	**37**	**140**
1645-1700	6	2	1	1	0	0	0	**10**	69	6	1	0	0	0	1	**77**	36	2	1	0	0	0	0	**39**	**126**
Hourly Total	**30**	**5**	**4**	**3**	**1**	**0**	**0**	**43**	**273**	**21**	**4**	**3**	**2**	**4**	**1**	**308**	**141**	**14**	**2**	**2**	**1**	**0**	**0**	**160**	**511**
1700-1715	19	0	0	0	0	2	0	**21**	67	9	1	0	1	0	0	**78**	43	0	0	0	0	0	0	**43**	**142**
1715-1730	11	1	0	0	0	0	0	**12**	65	3	1	0	1	1	0	**71**	39	1	0	0	0	0	0	**40**	**123**
1730-1745	7	0	0	1	0	1	0	**9**	71	2	1	1	0	1	0	**76**	29	3	0	0	0	1	0	**33**	**118**
1745-1800	4	1	0	0	0	0	0	**5**	61	7	0	1	0	1	0	**70**	25	6	0	0	0	0	0	**31**	**106**
Hourly Total	**41**	**2**	**0**	**1**	**0**	**3**	**0**	**47**	**264**	**21**	**3**	**2**	**2**	**3**	**0**	**295**	**136**	**10**	**0**	**0**	**0**	**1**	**0**	**147**	**489**
1800-1815	10	3	0	0	0	0	0	**13**	80	5	0	0	0	2	0	**87**	21	1	0	3	1	0	0	**26**	**126**
1815-1830	4	1	0	0	0	0	0	**5**	62	5	0	0	1	0	0	**68**	30	0	0	0	0	1	0	**31**	**104**
1830-1845	9	0	0	0	0	0	0	**9**	51	2	0	0	0	0	0	**53**	36	3	0	0	0	0	0	**39**	**101**
1845-1900	2	0	0	0	0	0	0	**2**	62	1	0	0	0	0	0	**63**	28	3	0	0	0	1	0	**32**	**97**
Hourly Total	**25**	**4**	**0**	**0**	**0**	**0**	**0**	**29**	**255**	**13**	**0**	**0**	**1**	**2**	**0**	**271**	**115**	**7**	**0**	**3**	**1**	**2**	**0**	**128**	**428**
4 Hour Totals (pm)	120	16	10	7	2	3	0	**158**	1120	84	13	7	7	11	1	**1243**	517	45	7	7	4	6	0	**586**	**1987**
Day Total	161	28	27	19	4	3	0	**242**	1788	211	38	19	15	19	1	**2091**	1168	97	19	11	6	22	0	**1323**	**3656**

	Destination - Arm A								Destination - Arm B								Destination - Arm C								
	Car	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Arm Total**
0700-0715	0	2	0	0	0	0	0	**2**	38	1	1	1	0	0	0	**41**	29	7	0	0	1	0	0	**37**	**80**
0715-0730	3	1	0	0	0	0	0	**4**	64	6	1	0	0	1	0	**72**	45	9	1	0	0	0	0	**55**	**131**
0730-0745	9	1	2	1	0	0	0	**13**	81	4	2	1	0	0	0	**88**	51	12	0	0	0	0	0	**63**	**164**
0745-0800	3	2	2	0	1	0	0	**8**	86	5	1	1	1	1	0	**95**	55	11	3	2	1	0	0	**72**	**175**
Hourly Total	**15**	**6**	**4**	**1**	**1**	**0**	**0**	**27**	**269**	**16**	**5**	**3**	**1**	**2**	**0**	**296**	**180**	**39**	**4**	**2**	**2**	**0**	**0**	**227**	**550**
0800-0815	4	0	2	2	0	0	0	**8**	73	7	2	1	0	1	0	**84**	59	11	4	0	1	2	0	**77**	**169**
0815-0830	5	0	1	0	0	0	0	**6**	75	5	3	0	0	0	0	**83**	74	15	2	0	1	1	0	**93**	**182**
0830-0845	4	1	1	2	0	0	0	**8**	69	2	1	0	0	10	0	**82**	70	11	4	0	0	0	0	**85**	**175**
0845-0900	6	2	2	1	0	0	0	**11**	52	6	1	1	1	0	0	**61**	71	6	1	0	2	1	0	**81**	**153**
Hourly Total	**19**	**3**	**6**	**5**	**0**	**0**	**0**	**33**	**269**	**20**	**7**	**2**	**1**	**11**	**0**	**310**	**274**	**43**	**11**	**0**	**4**	**4**	**0**	**336**	**679**
0900-0915	6	2	2	2	1	0	0	**13**	41	4	1	2	1	0	0	**49**	61	8	1	1	1	2	0	**74**	**136**
0915-0930	3	1	0	0	0	0	0	**4**	39	4	1	2	0	2	0	**48**	41	18	1	1	0	1	0	**62**	**114**
0930-0945	2	0	3	2	0	0	0	**7**	24	4	3	0	0	0	0	**31**	36	15	2	1	0	0	0	**54**	**92**
0945-1000	4	0	0	2	0	0	0	**6**	31	3	1	1	0	1	0	**37**	46	5	2	1	0	1	0	**55**	**98**
Hourly Total	**15**	**3**	**5**	**6**	**1**	**0**	**0**	**30**	**135**	**15**	**6**	**5**	**1**	**3**	**0**	**165**	**184**	**46**	**6**	**4**	**1**	**4**	**0**	**245**	**440**
3 Hour Totals (am)	49	12	15	12	2	0	0	**90**	673	51	18	10	3	16	0	**771**	638	128	21	6	7	8	0	**808**	**1669**
1500-1515	4	1	1	0	0	0	0	**6**	38	4	1	2	0	0	0	**45**	99	4	1	0	0	1	0	**105**	**156**
1515-1530	10	2	1	1	0	0	0	**14**	28	2	1	1	0	1	0	**33**	67	6	0	0	1	1	0	**75**	**122**
1530-1545	6	2	2	1	1	0	0	**12**	36	7	0	1	1	1	0	**46**	77	7	4	0	0	0	0	**88**	**146**
1545-1600	2	1	2	1	0	0	0	**6**	38	4	2	0	1	1	0	**46**	72	8	2	0	1	0	0	**83**	**135**
Hourly Total	**22**	**6**	**6**	**3**	**1**	**0**	**0**	**38**	**140**	**17**	**4**	**4**	**2**	**3**	**0**	**170**	**315**	**25**	**7**	**0**	**2**	**2**	**0**	**351**	**559**
1600-1615	3	0	1	3	1	0	0	**8**	38	5	1	1	1	0	0	**46**	74	1	1	1	1	1	0	**79**	**133**
1615-1630	2	2	1	1	0	0	0	**6**	43	7	1	0	0	0	0	**51**	49	4	1	0	0	1	0	**55**	**112**
1630-1645	3	1	0	0	0	0	0	**4**	41	2	0	0	0	0	0	**43**	80	8	1	1	1	2	0	**93**	**140**
1645-1700	7	1	1	0	0	0	0	**9**	40	4	2	1	0	0	0	**47**	64	5	0	0	0	0	1	**70**	**126**
Hourly Total	**15**	**4**	**3**	**4**	**1**	**0**	**0**	**27**	**162**	**18**	**4**	**2**	**1**	**0**	**0**	**187**	**267**	**18**	**3**	**2**	**2**	**4**	**1**	**297**	**511**
1700-1715	8	0	1	0	0	0	0	**9**	59	0	0	0	0	2	0	**61**	62	9	0	0	1	0	0	**72**	**142**
1715-1730	13	1	0	0	0	0	0	**14**	47	2	0	0	0	0	0	**49**	55	2	1	0	1	1	0	**60**	**123**
1730-1745	6	0	1	1	0	0	0	**8**	32	3	0	0	0	2	0	**37**	69	2	0	1	0	1	0	**73**	**118**
1745-1800	5	1	0	1	0	0	0	**7**	28	6	0	0	0	0	0	**34**	57	7	0	0	0	1	0	**65**	**106**
Hourly Total	**32**	**2**	**2**	**2**	**0**	**0**	**0**	**38**	**166**	**11**	**0**	**0**	**0**	**4**	**0**	**181**	**243**	**20**	**1**	**1**	**2**	**3**	**0**	**270**	**489**
1800-1815	7	1	0	3	0	0	0	**11**	26	4	0	0	1	0	0	**31**	78	4	0	0	0	2	0	**84**	**126**
1815-1830	3	2	0	0	0	0	0	**5**	32	0	0	0	0	1	0	**33**	61	4	0	0	1	0	0	**66**	**104**
1830-1845	0	0	0	0	0	0	0	**0**	44	3	0	0	0	0	0	**47**	52	2	0	0	0	0	0	**54**	**101**
1845-1900	3	0	0	0	0	0	0	**3**	29	3	0	0	0	1	0	**33**	60	1	0	0	0	0	0	**61**	**97**
Hourly Total	**13**	**3**	**0**	**3**	**0**	**0**	**0**	**19**	**131**	**10**	**0**	**0**	**1**	**2**	**0**	**144**	**251**	**11**	**0**	**0**	**1**	**2**	**0**	**265**	**428**
4 Hour Totals (pm)	82	15	11	12	2	0	0	**122**	599	56	8	6	4	9	0	**682**	1076	74	11	3	7	11	1	**1183**	**1987**
Day Total	131	27	26	24	4	0	0	**212**	1272	107	26	16	7	25	0	**1453**	1714	202	32	9	14	19	1	**1991**	**3656**

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 6

Arm A - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm A - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	1	1	0	0	0	0	0	2
0715-0730	8	1	0	1	0	0	0	10
0730-0745	9	3	0	0	0	0	0	12
0745-0800	10	7	0	0	0	0	0	17
Hourly Total	28	12	0	1	0	0	0	41
0800-0815	9	4	0	0	0	0	0	13
0815-0830	12	3	0	1	0	0	0	16
0830-0845	5	1	0	0	0	0	0	6
0845-0900	10	2	1	0	0	0	0	13
Hourly Total	36	10	1	1	0	0	0	48
0900-0915	6	3	2	0	0	1	0	12
0915-0930	11	25	2	1	0	0	0	39
0930-0945	8	18	1	0	0	0	0	27
0945-1000	4	3	0	0	0	0	0	7
Hourly Total	29	49	5	1	0	1	0	85
3 Hour Totals (am)	93	71	6	3	0	1	0	174
1500-1515	6	3	1	2	0	0	0	12
1515-1530	6	3	0	1	0	0	0	10
1530-1545	6	2	0	1	0	0	0	9
1545-1600	12	3	0	0	0	0	0	15
Hourly Total	30	11	1	4	0	0	0	46
1600-1615	10	2	0	0	0	0	0	12
1615-1630	13	9	0	1	0	0	0	23
1630-1645	7	2	0	0	1	0	0	10
1645-1700	11	10	0	0	0	0	0	21
Hourly Total	41	23	0	1	1	0	0	66
1700-1715	7	4	0	0	0	0	0	11
1715-1730	21	4	0	0	0	0	0	25
1730-1745	6	4	0	0	0	0	0	10
1745-1800	12	3	0	0	0	0	0	15
Hourly Total	46	15	0	0	0	0	0	61
1800-1815	11	3	0	1	0	0	0	15
1815-1830	5	2	0	0	0	0	0	7
1830-1845	3	3	0	0	0	0	0	6
1845-1900	3	0	0	0	0	0	0	3
Hourly Total	22	8	0	1	0	0	0	31
4 Hour Totals (pm)	139	57	1	6	1	0	0	204
Day Total	232	128	7	9	1	1	0	378

Arm A - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	1	0	0	0	0	0	0	1
0715-0730	1	0	0	0	1	0	0	2
0730-0745	1	3	0	0	2	0	0	6
0745-0800	2	0	0	0	1	0	0	3
Hourly Total	5	3	0	0	4	0	0	12
0800-0815	4	0	0	0	1	0	0	5
0815-0830	4	1	0	0	0	0	0	5
0830-0845	1	2	0	0	1	0	0	4
0845-0900	2	2	0	0	2	0	0	6
Hourly Total	11	5	0	0	4	0	0	20
0900-0915	2	2	0	0	2	0	0	6
0915-0930	1	4	0	0	1	0	0	6
0930-0945	3	4	0	0	1	0	0	8
0945-1000	0	2	0	0	2	0	0	4
Hourly Total	6	12	0	0	6	0	0	24
3 Hour Totals (am)	22	20	0	0	14	0	0	56
1500-1515	1	0	0	0	2	0	0	3
1515-1530	1	1	0	0	1	0	0	3
1530-1545	2	1	0	0	1	0	0	4
1545-1600	2	5	0	0	1	0	0	8
Hourly Total	6	7	0	0	5	0	0	18
1600-1615	5	0	0	0	1	0	0	6
1615-1630	7	1	0	0	1	0	0	9
1630-1645	4	2	0	0	1	0	0	7
1645-1700	5	3	0	0	1	0	0	9
Hourly Total	21	6	0	0	4	0	0	31
1700-1715	9	0	0	0	2	0	0	11
1715-1730	5	0	0	0	1	0	0	6
1730-1745	2	1	0	0	1	0	0	4
1745-1800	3	3	0	0	1	0	0	7
Hourly Total	19	4	0	0	5	0	0	28
1800-1815	3	1	0	0	1	0	0	5
1815-1830	1	0	0	0	0	0	0	1
1830-1845	3	3	0	0	0	0	0	6
1845-1900	1	0	0	0	0	0	0	1
Hourly Total	8	4	0	0	1	0	0	13
4 Hour Totals (pm)	54	21	0	0	15	0	0	90
Day Total	76	41	0	0	29	0	0	146

Arm A - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	2	0	0	0	0	0	2
0715-0730	4	1	0	0	0	0	0	5
0730-0745	2	2	0	0	0	0	0	4
0745-0800	5	3	0	0	0	0	0	8
Hourly Total	11	8	0	0	0	0	0	19
0800-0815	4	2	0	0	0	0	0	6
0815-0830	6	0	0	1	0	0	0	7
0830-0845	9	2	0	0	0	0	0	11
0845-0900	3	1	0	0	0	0	0	4
Hourly Total	22	5	0	1	0	0	0	28
0900-0915	6	1	0	1	0	0	0	8
0915-0930	4	5	0	1	0	0	0	10
0930-0945	7	1	0	1	0	0	0	9
0945-1000	2	2	1	0	0	0	0	5
Hourly Total	19	9	1	3	0	0	0	32
3 Hour Totals (am)	52	22	1	4	0	0	0	79
1500-1515	4	1	0	0	0	0	0	5
1515-1530	4	1	0	0	0	0	0	5
1530-1545	8	1	0	0	0	0	0	9
1545-1600	9	3	0	0	0	0	0	12
Hourly Total	25	6	0	0	0	0	0	31
1600-1615	6	0	0	0	0	0	0	6
1615-1630	1	2	0	0	0	0	0	3
1630-1645	3	2	0	0	0	0	0	5
1645-1700	5	1	0	0	0	0	0	6
Hourly Total	15	5	0	0	0	0	0	20
1700-1715	5	2	0	0	0	0	0	7
1715-1730	11	1	0	0	0	0	0	12
1730-1745	8	2	0	0	0	0	0	10
1745-1800	4	3	0	0	0	0	0	7
Hourly Total	28	8	0	0	0	0	0	36
1800-1815	2	6	0	0	0	0	0	8
1815-1830	3	0	0	0	0	0	0	3
1830-1845	5	0	0	0	0	0	0	5
1845-1900	5	0	0	0	0	0	0	5
Hourly Total	15	6	0	0	0	0	0	21
4 Hour Totals (pm)	83	25	0	0	0	0	0	108
Day Total	135	47	1	4	0	0	0	187

Arm A - Arm E

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	1	0	0	0	0	0	0	1
0715-0730	3	0	0	0	0	0	0	3
0730-0745	1	1	0	0	0	0	0	2
0745-0800	2	0	0	0	0	0	0	2
Hourly Total	7	1	0	0	0	0	0	8
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	1	0	0	0	1	0	2
0830-0845	2	0	0	0	0	0	0	2
0845-0900	2	0	0	0	0	0	0	2
Hourly Total	4	1	0	0	0	1	0	6
0900-0915	3	0	0	0	0	0	0	3
0915-0930	1	6	0	0	0	0	0	7
0930-0945	3	4	0	0	0	0	0	7
0945-1000	1	0	0	0	0	0	0	1
Hourly Total	8	10	0	0	0	0	0	18
3 Hour Totals (am)	19	12	0	0	0	1	0	32
1500-1515	2	0	0	0	0	0	0	2
1515-1530	0	0	0	0	0	0	0	0
1530-1545	1	0	0	0	0	0	0	1
1545-1600	1	0	0	0	0	0	0	1
Hourly Total	4	0	0	0	0	0	0	4
1600-1615	1	0	0	0	0	0	0	1
1615-1630	2	0	0	0	0	0	0	2
1630-1645	3	0	0	0	0	0	0	3
1645-1700	1	0	0	0	0	0	0	1
Hourly Total	7	0	0	0	0	0	0	7
1700-1715	3	1	0	0	0	0	0	4
1715-1730	2	0	0	0	0	0	0	2
1730-1745	1	0	0	0	0	0	0	1
1745-1800	3	0	0	0	0	0	0	3
Hourly Total	9	1	0	0	0	0	0	10
1800-1815	2	0	0	0	0	0	0	2
1815-1830	1	0	0	0	0	0	0	1
1830-1845	2	0	0	0	0	0	0	2
1845-1900	1	0	0	0	0	0	0	1
Hourly Total	6	0	0	0	0	0	0	6
4 Hour Totals (pm)	26	1	0	0	0	0	0	27
Day Total	45	13	0	0	0	1	0	59

Arm A - Arm F

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	1	0	0	0	0	0	0	1
0730-0745	0	0	0	0	0	0	0	0
0745-0800	1	2	0	0	0	0	0	3
Hourly Total	2	2	0	0	0	0	0	4
0800-0815	2	1	0	0	0	0	0	3
0815-0830	4	2	0	0	0	0	0	6
0830-0845	1	1	0	0	0	0	0	2
0845-0900	1	2	0	0	1	0	0	4
Hourly Total	8	6	0	0	1	0	0	15
0900-0915	1	7	0	1	0	0	0	9
0915-0930	2	15	0	0	0	0	0	17
0930-0945	1	8	1	0	0	0	0	10
0945-1000	1	1	1	0	0	0	0	3
Hourly Total	5	31	2	1	0	0	0	39
3 Hour Totals (am)	15	39	2	1	1	0	0	58
1500-1515	1	1	1	2	0	0	0	5
1515-1530	2	1	0	1	0	0	0	4
1530-1545	5	1	0	1	0	0	0	7
1545-1600	7	0	0	2	0	0	0	9
Hourly Total	15	3	1	6	0	0	0	25
1600-1615	12	5	0	0	1	0	0	18
1615-1630	8	2	0	2	0	0	0	12
1630-1645	4	1	0	0	0	0	0	5
1645-1700	4	4	0	0	0	0	0	8
Hourly Total	28	12	0	2	1	0	0	43
1700-1715	9	1	0	0	0	0	0	10
1715-1730	6	2	0	0	0	0	0	8
1730-1745	5	1	0	0	0	0	0	6
1745-1800	3	4	0	0	0	0	0	7
Hourly Total	23	8	0	0	0	0	0	31
1800-1815	5	3	0	0	0	0	0	8
1815-1830	2	1	0	0	0	0	0	3
1830-1845	2	2	0	0	0	0	0	4
1845-1900	2	0	0	0	0	0	0	2
Hourly Total	11	6	0	0	0	0	0	17
4 Hour Totals (pm)	77	29	1	8	1	0	0	116
Day Total	92	68	3	9	2	0	0	174

Arm A - Arm Total

	Arm Total
0700-0715	6
0715-0730	21
0730-0745	24
0745-0800	33
Hourly Total	84
0800-0815	27
0815-0830	36
0830-0845	25
0845-0900	29
Hourly Total	117
0900-0915	38
0915-0930	79
0930-0945	61
0945-1000	20
Hourly Total	198
3 Hour Totals (am)	399
1500-1515	27
1515-1530	22
1530-1545	30
1545-1600	45
Hourly Total	124
1600-1615	43
1615-1630	49
1630-1645	30
1645-1700	45
Hourly Total	167
1700-1715	43
1715-1730	53
1730-1745	31
1745-1800	39
Hourly Total	166
1800-1815	38
1815-1830	15
1830-1845	23
1845-1900	12
Hourly Total	88
4 Hour Totals (pm)	545
Day Total	944

Arm B - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	7	4	0	0	0	0	0	11
0715-0730	9	3	0	0	0	0	0	12
0730-0745	7	9	0	1	0	0	0	17
0745-0800	12	3	0	0	0	0	0	15
Hourly Total	35	19	0	1	0	0	0	55
0800-0815	9	6	0	1	0	0	0	16
0815-0830	13	3	0	0	0	0	0	16
0830-0845	11	0	0	0	0	0	0	11
0845-0900	7	2	0	0	1	0	0	10
Hourly Total	40	11	0	1	1	0	0	53
0900-0915	5	2	0	0	0	0	0	7
0915-0930	5	1	2	0	0	0	0	8
0930-0945	5	1	1	0	0	0	0	7
0945-1000	3	0	2	0	0	0	0	5
Hourly Total	18	4	5	0	0	0	0	27
3 Hour Totals (am)	93	34	5	2	1	0	0	135
1500-1515	3	1	0	0	0	0	0	4
1515-1530	2	2	0	1	0	0	0	5
1530-1545	5	0	0	0	0	0	0	5
1545-1600	5	1	0	0	0	1	0	7
Hourly Total	15	4	0	1	0	1	0	21
1600-1615	6	4	0	0	0	0	0	10
1615-1630	5	6	0	0	0	0	0	11
1630-1645	3	2	0	0	0	0	0	5
1645-1700	6	5	0	0	0	0	0	11
Hourly Total	20	17	0	0	0	0	0	37
1700-1715	4	4	0	1	0	0	0	9
1715-1730	3	3	0	0	0	0	0	6
1730-1745	4	6	1	1	0	0	0	12
1745-1800	5	5	0	0	0	0	0	10
Hourly Total	16	18	1	2	0	0	0	37
1800-1815	3	5	1	0	0	0	0	9
1815-1830	1	3	0	0	0	0	0	4
1830-1845	2	3	0	0	0	0	0	5
1845-1900	3	1	0	0	0	0	0	4
Hourly Total	9	12	1	0	0	0	0	22
4 Hour Totals (pm)	60	51	2	3	0	1	0	117
Day Total	153	85	7	5	1	1	0	252

Arm B - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm B - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	87	8	2	0	0	1	0	98
0715-0730	102	6	0	0	0	0	0	108
0730-0745	118	6	1	0	0	0	0	125
0745-0800	70	8	0	0	0	0	0	78
Hourly Total	377	28	3	0	0	1	0	409
0800-0815	67	9	1	0	0	0	0	77
0815-0830	73	8	1	0	0	0	0	82
0830-0845	91	5	0	1	0	0	0	97
0845-0900	76	10	0	0	0	0	0	86
Hourly Total	307	32	2	1	0	0	0	342
0900-0915	58	1	1	0	0	1	0	61
0915-0930	35	6	2	0	0	0	0	43
0930-0945	34	7	0	0	0	0	0	41
0945-1000	35	5	1	0	0	0	0	41
Hourly Total	162	19	4	0	0	1	0	186
3 Hour Totals (am)	846	79	9	1	0	2	0	937
1500-1515	27	6	2	0	0	0	0	35
1515-1530	36	4	1	0	0	0	0	41
1530-1545	36	9	0	0	1	0	0	46
1545-1600	38	6	0	0	0	0	0	44
Hourly Total	137	25	3	0	1	0	0	166
1600-1615	41	3	1	0	0	0	0	45
1615-1630	29	6	0	0	0	0	0	35
1630-1645	34	6	0	0	0	0	0	40
1645-1700	32	5	0	0	0	0	0	37
Hourly Total	136	20	1	0	0	0	0	157
1700-1715	33	1	0	0	0	1	0	35
1715-1730	38	4	0	0	0	0	0	42
1730-1745	25	2	0	0	0	0	0	27
1745-1800	40	7	0	0	0	0	0	47
Hourly Total	136	14	0	0	0	1	0	151
1800-1815	39	7	0	0	0	1	0	47
1815-1830	28	3	0	0	0	0	0	31
1830-1845	42	1	0	1	0	0	0	44
1845-1900	29	0	0	0	0	0	0	29
Hourly Total	138	11	0	1	0	1	0	151
4 Hour Totals (pm)	547	70	4	1	1	2	0	625
Day Total	1393	149	13	2	1	4	0	1562

Arm B - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	8	5	0	0	1	0	0	14
0715-0730	21	7	2	0	0	0	0	30
0730-0745	32	11	2	1	0	0	0	46
0745-0800	30	10	0	1	0	0	0	41
Hourly Total	91	33	4	2	1	0	0	131
0800-0815	28	4	1	0	6	0	0	39
0815-0830	22	6	0	0	0	0	0	28
0830-0845	21	3	0	1	1	0	0	26
0845-0900	17	5	3	0	0	0	0	25
Hourly Total	88	18	4	1	7	0	0	118
0900-0915	22	2	0	0	1	0	0	25
0915-0930	22	4	0	0	0	0	0	26
0930-0945	24	7	0	0	0	0	0	31
0945-1000	21	5	0	0	1	0	0	27
Hourly Total	89	18	0	0	2	0	0	109
3 Hour Totals (am)	268	69	8	3	10	0	0	358
1500-1515	35	5	0	0	0	0	0	40
1515-1530	25	5	2	0	0	0	0	32
1530-1545	25	7	1	0	0	0	0	33
1545-1600	31	5	0	0	0	0	0	36
Hourly Total	116	22	3	0	0	0	0	141
1600-1615	30	10	3	1	0	0	0	44
1615-1630	36	9	0	0	0	0	0	45
1630-1645	34	4	1	0	0	0	0	39
1645-1700	22	9	0	0	0	0	0	31
Hourly Total	122	32	4	1	0	0	0	159
1700-1715	33	7	0	0	0	0	0	40
1715-1730	32	7	0	0	0	0	0	39
1730-1745	28	3	0	0	0	1	0	32
1745-1800	27	2	2	0	0	0	0	31
Hourly Total	120	19	2	0	0	1	0	142
1800-1815	47	3	0	0	0	0	0	50
1815-1830	42	5	0	0	0	0	0	47
1830-1845	44	1	0	0	0	0	0	45
1845-1900	29	4	0	0	0	0	0	33
Hourly Total	162	13	0	0	0	0	0	175
4 Hour Totals (pm)	520	86	9	1	0	1	0	617
Day Total	788	155	17	4	10	1	0	975

Arm B - Arm E

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	4	1	0	0	0	0	0	5
0715-0730	12	3	0	0	0	0	0	15
0730-0745	16	3	0	1	0	0	0	20
0745-0800	24	8	0	1	1	0	0	34
Hourly Total	56	15	0	2	1	0	0	74
0800-0815	7	2	0	2	0	0	0	11
0815-0830	20	4	2	0	0	0	0	26
0830-0845	11	6	1	2	0	0	0	20
0845-0900	14	2	0	0	1	0	0	17
Hourly Total	52	14	3	4	1	0	0	74
0900-0915	12	0	0	1	0	0	0	13
0915-0930	3	1	1	1	0	0	0	6
0930-0945	3	2	2	2	0	0	0	9
0945-1000	4	0	0	1	0	0	0	5
Hourly Total	22	3	3	5	0	0	0	33
3 Hour Totals (am)	130	32	6	11	2	0	0	181
1500-1515	5	2	0	0	0	0	0	7
1515-1530	4	8	0	1	0	0	0	13
1530-1545	5	5	0	1	0	0	0	11
1545-1600	10	1	3	0	0	0	0	14
Hourly Total	24	16	3	2	0	0	0	45
1600-1615	10	2	0	2	1	0	0	15
1615-1630	5	2	1	0	0	0	0	8
1630-1645	5	0	1	0	0	0	0	6
1645-1700	3	0	1	0	0	0	0	4
Hourly Total	23	4	3	2	1	0	0	33
1700-1715	7	3	0	0	1	0	0	11
1715-1730	8	1	0	0	0	0	0	9
1730-1745	13	1	1	0	0	1	0	16
1745-1800	3	2	0	2	0	1	0	8
Hourly Total	31	7	1	2	1	2	0	44
1800-1815	6	3	0	0	0	0	0	9
1815-1830	3	3	0	0	0	0	0	6
1830-1845	4	0	0	0	0	0	0	4
1845-1900	3	0	0	0	0	0	0	3
Hourly Total	16	6	0	0	0	0	0	22
4 Hour Totals (pm)	94	33	7	6	2	2	0	144
Day Total	224	65	13	17	4	2	0	325

Arm B - Arm F

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	2	0	0	0	0	0	0	2
0815-0830	0	0	0	1	0	0	0	1
0830-0845	0	1	0	0	0	0	0	1
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	2	1	0	1	0	0	0	4
0900-0915	1	1	0	0	0	0	0	2
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	1	1	0	0	0	0	0	2
Hourly Total	2	2	0	0	0	0	0	4
3 Hour Totals (am)	4	3	0	1	0	0	0	8
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	1	1	0	0	0	0	0	2
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	1	1	0	0	0	0	0	2
1600-1615	1	0	0	0	0	0	0	1
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	0	0	0	0	1
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	1	0	0	0	0	1
1730-1745	1	0	0	0	0	0	0	1
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	1	0	1	0	0	0	0	2
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	3	1	1	0	0	0	0	5
Day Total	7	4	1	1	0	0	0	13

Arm B - Arm Total

	Arm Total
0700-0715	128
0715-0730	165
0730-0745	208
0745-0800	168
Hourly Total	669
0800-0815	145
0815-0830	153
0830-0845	155
0845-0900	138
Hourly Total	591
0900-0915	108
0915-0930	83
0930-0945	88
0945-1000	80
Hourly Total	359
3 Hour Totals (am)	1619
1500-1515	86
1515-1530	91
1530-1545	97
1545-1600	101
Hourly Total	375
1600-1615	115
1615-1630	99
1630-1645	90
1645-1700	83
Hourly Total	387
1700-1715	95
1715-1730	97
1730-1745	88
1745-1800	96
Hourly Total	376
1800-1815	115
1815-1830	88
1830-1845	98
1845-1900	69
Hourly Total	370
4 Hour Totals (pm)	1508
Day Total	3127

Arm C - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	3	7	0	0	1	0	0	11
0715-0730	8	10	0	1	1	0	0	20
0730-0745	10	3	0	0	0	0	0	13
0745-0800	1	3	0	0	2	0	0	6
Hourly Total	22	23	0	1	4	0	0	50
0800-0815	2	4	0	0	2	0	0	8
0815-0830	5	4	0	1	1	0	0	11
0830-0845	12	0	0	0	1	0	0	13
0845-0900	7	0	0	0	2	0	0	9
Hourly Total	26	8	0	1	6	0	0	41
0900-0915	6	0	0	0	0	0	0	6
0915-0930	5	0	0	0	1	0	0	6
0930-0945	1	2	0	0	2	0	0	5
0945-1000	4	0	0	0	0	0	0	4
Hourly Total	16	2	0	0	3	0	0	21
3 Hour Totals (am)	64	33	0	2	13	0	0	112
1500-1515	3	1	0	0	0	0	0	4
1515-1530	2	2	0	0	1	0	0	5
1530-1545	1	1	0	0	0	0	0	2
1545-1600	3	2	1	0	0	0	0	6
Hourly Total	9	6	1	0	1	0	0	17
1600-1615	8	0	0	0	0	0	0	8
1615-1630	2	1	0	0	0	0	0	3
1630-1645	2	1	0	0	0	0	0	3
1645-1700	0	3	1	0	0	0	0	4
Hourly Total	12	5	1	0	0	0	0	18
1700-1715	6	1	0	0	0	0	0	7
1715-1730	6	3	1	0	0	0	0	10
1730-1745	6	1	0	0	0	0	0	7
1745-1800	2	4	0	0	0	0	0	6
Hourly Total	20	9	1	0	0	0	0	30
1800-1815	3	3	0	0	0	0	0	6
1815-1830	7	2	0	0	0	0	0	9
1830-1845	6	2	0	0	0	0	0	8
1845-1900	11	2	0	0	0	0	0	13
Hourly Total	27	9	0	0	0	0	0	36
4 Hour Totals (pm)	68	29	3	0	1	0	0	101
Day Total	132	62	3	2	14	0	0	213

Arm C - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	21	0	2	1	0	0	0	24
0715-0730	28	4	0	0	0	0	0	32
0730-0745	41	8	0	0	0	0	0	49
0745-0800	55	3	2	1	0	0	0	61
Hourly Total	145	15	4	2	0	0	0	166
0800-0815	38	5	2	0	0	0	0	45
0815-0830	20	6	0	0	0	0	0	26
0830-0845	25	8	0	1	1	0	0	35
0845-0900	32	2	0	0	0	0	0	34
Hourly Total	115	21	2	1	1	0	0	140
0900-0915	16	2	0	0	0	0	0	18
0915-0930	16	0	2	0	1	0	0	19
0930-0945	29	3	0	0	0	0	0	32
0945-1000	27	5	1	0	0	0	0	33
Hourly Total	88	10	3	0	1	0	0	102
3 Hour Totals (am)	348	46	9	3	2	0	0	408
1500-1515	71	5	1	0	0	0	0	77
1515-1530	92	9	0	0	0	0	0	101
1530-1545	107	8	1	0	0	1	0	117
1545-1600	92	9	0	0	0	0	0	101
Hourly Total	362	31	2	0	0	1	0	396
1600-1615	68	6	0	0	0	0	0	74
1615-1630	82	5	1	0	0	0	0	88
1630-1645	57	2	0	0	0	0	0	59
1645-1700	64	4	0	0	0	0	0	68
Hourly Total	271	17	1	0	0	0	0	289
1700-1715	63	3	0	0	2	1	0	69
1715-1730	56	2	1	0	0	0	0	59
1730-1745	44	5	0	0	0	0	0	49
1745-1800	25	1	0	0	0	0	0	26
Hourly Total	188	11	1	0	2	1	0	203
1800-1815	31	4	0	0	0	0	0	35
1815-1830	13	4	0	0	0	0	0	17
1830-1845	21	0	0	0	0	0	0	21
1845-1900	16	0	0	0	0	0	0	16
Hourly Total	81	8	0	0	0	0	0	89
4 Hour Totals (pm)	902	67	4	0	2	2	0	977
Day Total	1250	113	13	3	4	2	0	1385

Arm C - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm C - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	11	5	0	0	0	0	0	16
0715-0730	23	7	0	0	1	0	0	31
0730-0745	27	1	0	0	0	0	0	28
0745-0800	25	1	0	0	0	0	0	26
Hourly Total	86	14	0	0	1	0	0	101
0800-0815	30	3	0	1	5	0	0	39
0815-0830	23	2	0	0	0	0	0	25
0830-0845	34	4	1	0	1	0	0	40
0845-0900	41	2	1	0	0	0	0	44
Hourly Total	128	11	2	1	6	0	0	148
0900-0915	16	1	1	0	0	0	0	18
0915-0930	19	3	0	0	1	0	0	23
0930-0945	22	4	0	0	1	0	0	27
0945-1000	19	7	0	1	1	0	0	28
Hourly Total	76	15	1	1	3	0	0	96
3 Hour Totals (am)	290	40	3	2	10	0	0	345
1500-1515	39	3	0	0	0	0	0	42
1515-1530	33	2	1	0	0	0	0	36
1530-1545	35	1	0	0	0	0	0	36
1545-1600	19	3	2	1	2	0	0	27
Hourly Total	126	9	3	1	2	0	0	141
1600-1615	34	4	0	0	1	0	0	39
1615-1630	41	3	0	0	0	0	0	44
1630-1645	38	3	0	0	0	0	0	41
1645-1700	27	2	0	0	1	1	0	31
Hourly Total	140	12	0	0	2	1	0	155
1700-1715	44	3	0	0	1	0	0	48
1715-1730	42	4	0	0	0	0	0	46
1730-1745	37	2	0	0	0	0	0	39
1745-1800	46	1	0	0	0	0	0	47
Hourly Total	169	10	0	0	1	0	0	180
1800-1815	34	2	0	0	0	0	0	36
1815-1830	44	3	0	0	0	0	0	47
1830-1845	24	1	0	0	1	0	0	26
1845-1900	32	3	0	0	0	0	0	35
Hourly Total	134	9	0	0	1	0	0	144
4 Hour Totals (pm)	569	40	3	1	6	1	0	620
Day Total	859	80	6	3	16	1	0	965

Arm C - Arm E

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	20	4	0	0	1	0	0	25
0715-0730	34	3	0	0	0	0	0	37
0730-0745	32	4	0	0	0	0	0	36
0745-0800	27	4	3	0	0	0	0	34
Hourly Total	113	15	3	0	1	0	0	132
0800-0815	45	5	4	0	0	2	0	56
0815-0830	42	6	2	0	0	0	0	50
0830-0845	50	6	1	0	0	0	0	57
0845-0900	49	6	0	0	1	1	0	57
Hourly Total	186	23	7	0	1	3	0	220
0900-0915	37	5	0	0	1	3	0	46
0915-0930	21	6	0	0	0	1	0	28
0930-0945	26	5	1	0	0	0	0	32
0945-1000	36	3	1	0	0	1	0	41
Hourly Total	120	19	2	0	1	5	0	147
3 Hour Totals (am)	419	57	12	0	3	8	0	499
1500-1515	67	2	0	0	0	0	0	69
1515-1530	58	1	0	0	1	1	0	61
1530-1545	50	4	3	0	0	0	0	57
1545-1600	53	2	0	0	1	0	0	56
Hourly Total	228	9	3	0	2	1	0	243
1600-1615	43	0	0	0	0	0	0	43
1615-1630	40	2	1	0	0	1	0	44
1630-1645	61	7	0	0	1	2	0	71
1645-1700	57	4	0	0	0	0	1	62
Hourly Total	201	13	1	0	1	3	1	220
1700-1715	45	4	0	0	0	0	0	49
1715-1730	49	2	1	0	0	1	0	53
1730-1745	44	1	0	1	0	0	0	46
1745-1800	48	4	0	0	0	0	0	52
Hourly Total	186	11	1	1	0	1	0	200
1800-1815	56	2	0	0	0	2	0	60
1815-1830	51	2	0	0	0	0	0	53
1830-1845	38	0	0	0	0	0	0	38
1845-1900	53	1	0	0	0	0	0	54
Hourly Total	198	5	0	0	0	2	0	205
4 Hour Totals (pm)	813	38	5	1	3	7	1	868
Day Total	1232	95	17	1	6	15	1	1367

Arm C - Arm F

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	20	6	0	0	0	0	0	26
0715-0730	33	3	0	0	0	0	0	36
0730-0745	39	14	0	1	1	0	0	55
0745-0800	32	5	1	1	0	1	0	40
Hourly Total	124	28	1	2	1	1	0	157
0800-0815	43	4	0	1	0	0	0	48
0815-0830	37	4	1	0	0	0	0	42
0830-0845	40	7	1	0	0	0	0	48
0845-0900	28	4	2	0	0	0	0	34
Hourly Total	148	19	4	1	0	0	0	172
0900-0915	19	4	0	0	1	0	0	24
0915-0930	17	15	0	0	0	0	0	32
0930-0945	18	1	2	0	0	0	0	21
0945-1000	17	8	1	0	0	0	0	26
Hourly Total	71	28	3	0	1	0	0	103
3 Hour Totals (am)	343	75	8	3	2	1	0	432
1500-1515	74	2	0	0	0	0	0	76
1515-1530	62	2	0	0	0	0	0	64
1530-1545	72	6	0	0	0	0	0	78
1545-1600	75	7	0	0	1	0	0	83
Hourly Total	283	17	0	0	1	0	0	301
1600-1615	93	12	0	0	1	1	0	107
1615-1630	77	4	0	0	0	0	0	81
1630-1645	102	8	0	0	0	0	0	110
1645-1700	99	6	1	0	0	0	0	106
Hourly Total	371	30	1	0	1	1	0	404
1700-1715	86	6	0	0	0	0	0	92
1715-1730	82	0	0	0	0	0	0	82
1730-1745	57	5	0	0	1	0	0	63
1745-1800	50	2	0	0	1	0	0	53
Hourly Total	275	13	0	0	2	0	0	290
1800-1815	46	2	1	0	2	0	0	51
1815-1830	42	1	0	0	1	0	0	44
1830-1845	26	0	0	0	0	0	0	26
1845-1900	27	4	0	0	0	0	0	31
Hourly Total	141	7	1	0	3	0	0	152
4 Hour Totals (pm)	1070	67	2	0	7	1	0	1147
Day Total	1413	142	10	3	9	2	0	1579

Arm C - Arm Total

	Arm Total
0700-0715	102
0715-0730	156
0730-0745	181
0745-0800	167
Hourly Total	606
0800-0815	196
0815-0830	154
0830-0845	193
0845-0900	178
Hourly Total	721
0900-0915	112
0915-0930	108
0930-0945	117
0945-1000	132
Hourly Total	469
3 Hour Totals (am)	1796
1500-1515	268
1515-1530	267
1530-1545	290
1545-1600	273
Hourly Total	1098
1600-1615	271
1615-1630	260
1630-1645	284
1645-1700	271
Hourly Total	1086
1700-1715	265
1715-1730	250
1730-1745	204
1745-1800	184
Hourly Total	903
1800-1815	188
1815-1830	170
1830-1845	119
1845-1900	149
Hourly Total	626
4 Hour Totals (pm)	3713
Day Total	5509

Arm D - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	1	1	0	0	0	0	0	2
0715-0730	2	1	0	0	0	0	0	3
0730-0745	3	3	0	0	0	0	0	6
0745-0800	4	2	0	0	0	0	0	6
Hourly Total	10	7	0	0	0	0	0	17
0800-0815	4	1	0	0	0	0	0	5
0815-0830	4	1	0	0	0	0	0	5
0830-0845	2	0	0	0	0	0	0	2
0845-0900	3	1	0	0	0	0	0	4
Hourly Total	13	3	0	0	0	0	0	16
0900-0915	3	0	2	0	0	0	0	5
0915-0930	5	1	0	0	0	0	0	6
0930-0945	2	0	0	0	0	0	0	2
0945-1000	4	0	0	0	0	0	0	4
Hourly Total	14	1	2	0	0	0	0	17
3 Hour Totals (am)	37	11	2	0	0	0	0	50
1500-1515	3	0	0	0	0	0	0	3
1515-1530	4	2	0	0	0	0	0	6
1530-1545	7	0	0	0	0	0	0	7
1545-1600	5	1	0	0	0	0	0	6
Hourly Total	19	3	0	0	0	0	0	22
1600-1615	3	3	0	0	0	0	0	6
1615-1630	2	1	0	0	0	0	0	3
1630-1645	2	0	0	0	0	0	0	2
1645-1700	3	1	0	0	0	1	0	5
Hourly Total	10	5	0	0	0	1	0	16
1700-1715	2	1	0	0	0	0	0	3
1715-1730	5	0	0	0	0	0	0	5
1730-1745	1	1	0	0	0	0	0	2
1745-1800	2	0	0	0	0	0	0	2
Hourly Total	10	2	0	0	0	0	0	12
1800-1815	1	1	0	0	0	0	0	2
1815-1830	2	0	0	0	0	0	0	2
1830-1845	2	0	0	0	0	0	0	2
1845-1900	1	0	0	0	0	0	0	1
Hourly Total	6	1	0	0	0	0	0	7
4 Hour Totals (pm)	45	11	0	0	0	1	0	57
Day Total	82	22	2	0	0	1	0	107

Arm D - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	29	14	0	0	0	0	0	43
0715-0730	39	15	1	0	0	0	0	55
0730-0745	47	10	0	0	1	0	0	58
0745-0800	32	12	0	0	0	0	0	44
Hourly Total	147	51	1	0	1	0	0	200
0800-0815	25	2	0	0	0	0	0	27
0815-0830	39	9	0	0	0	0	0	48
0830-0845	26	7	2	0	3	0	0	38
0845-0900	30	4	0	0	0	0	0	34
Hourly Total	120	22	2	0	3	0	0	147
0900-0915	26	4	2	0	1	0	0	33
0915-0930	24	9	0	0	0	0	0	33
0930-0945	27	5	0	0	1	0	0	33
0945-1000	21	6	1	0	0	0	0	28
Hourly Total	98	24	3	0	2	0	0	127
3 Hour Totals (am)	365	97	6	0	6	0	0	474
1500-1515	54	4	0	0	0	0	0	58
1515-1530	32	0	0	0	0	2	0	34
1530-1545	43	6	0	0	5	0	0	54
1545-1600	46	6	0	0	0	0	0	52
Hourly Total	175	16	0	0	5	2	0	198
1600-1615	35	13	0	0	1	0	0	49
1615-1630	40	8	0	0	0	0	0	48
1630-1645	58	12	1	0	0	0	0	71
1645-1700	46	7	1	0	0	1	0	55
Hourly Total	179	40	2	0	1	1	0	223
1700-1715	41	5	0	0	0	0	0	46
1715-1730	32	6	0	0	0	0	0	38
1730-1745	35	3	0	0	0	0	0	38
1745-1800	39	8	0	0	1	0	0	48
Hourly Total	147	22	0	0	1	0	0	170
1800-1815	45	4	0	0	0	0	0	49
1815-1830	43	6	0	0	0	0	0	49
1830-1845	49	8	0	0	0	0	0	57
1845-1900	33	10	0	0	0	0	0	43
Hourly Total	170	28	0	0	0	0	0	198
4 Hour Totals (pm)	671	106	2	0	7	3	0	789
Day Total	1036	203	8	0	13	3	0	1263

Arm D - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	18	0	0	0	0	0	0	18
0715-0730	41	1	0	0	0	0	0	42
0730-0745	51	5	1	0	1	0	0	58
0745-0800	74	3	1	0	2	0	0	80
Hourly Total	184	9	2	0	3	0	0	198
0800-0815	64	5	0	0	1	0	0	70
0815-0830	47	6	0	0	0	0	1	54
0830-0845	44	2	0	0	0	0	0	46
0845-0900	47	7	1	0	0	0	0	55
Hourly Total	202	20	1	0	1	0	1	225
0900-0915	31	1	0	0	1	0	0	34
0915-0930	25	1	1	0	0	0	0	27
0930-0945	17	2	3	1	0	0	0	23
0945-1000	28	0	0	0	0	0	0	28
Hourly Total	101	4	4	1	1	0	1	112
3 Hour Totals (am)	487	33	7	1	5	0	2	535
1500-1515	38	4	0	0	0	0	0	42
1515-1530	29	3	0	0	0	1	0	33
1530-1545	19	2	0	1	2	0	0	24
1545-1600	23	2	0	0	0	0	0	25
Hourly Total	109	11	0	1	2	1	0	124
1600-1615	38	2	0	0	1	0	0	41
1615-1630	31	2	0	0	0	0	0	33
1630-1645	21	1	0	1	0	0	0	23
1645-1700	33	3	0	0	0	0	0	36
Hourly Total	123	8	0	1	1	0	0	133
1700-1715	28	6	0	0	0	0	0	34
1715-1730	25	2	0	0	0	0	0	27
1730-1745	22	1	0	0	1	0	0	24
1745-1800	25	0	0	0	0	0	0	25
Hourly Total	100	9	0	0	1	0	0	110
1800-1815	28	1	0	0	0	0	0	29
1815-1830	35	1	0	0	0	0	0	36
1830-1845	36	0	0	0	0	1	0	37
1845-1900	29	1	0	0	0	0	0	30
Hourly Total	128	3	0	0	0	1	0	132
4 Hour Totals (pm)	460	31	0	2	4	2	0	499
Day Total	947	64	7	3	9	2	2	1034

Arm D - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm D - Arm E

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	6	2	0	0	0	0	0	8
0715-0730	8	4	0	0	0	0	0	12
0730-0745	11	4	1	0	0	0	0	16
0745-0800	8	0	0	0	0	0	0	8
Hourly Total	33	10	1	0	0	0	0	44
0800-0815	10	2	0	0	1	0	0	13
0815-0830	12	3	0	0	1	0	0	16
0830-0845	9	3	0	0	0	0	0	12
0845-0900	13	1	1	0	0	0	0	15
Hourly Total	44	9	1	0	2	0	0	56
0900-0915	8	1	1	0	1	0	0	11
0915-0930	14	3	0	0	0	0	0	17
0930-0945	7	2	1	0	0	0	0	10
0945-1000	10	0	0	0	0	0	0	10
Hourly Total	39	6	2	0	1	0	0	48
3 Hour Totals (am)	116	25	4	0	3	0	0	148
1500-1515	24	1	0	0	0	1	0	26
1515-1530	15	0	0	0	0	0	0	15
1530-1545	25	1	0	0	0	0	0	26
1545-1600	8	3	0	0	0	0	0	11
Hourly Total	72	5	0	0	0	1	0	78
1600-1615	19	0	0	0	0	1	0	20
1615-1630	6	2	0	0	0	0	0	8
1630-1645	9	0	0	0	0	0	0	9
1645-1700	11	2	0	0	0	0	0	13
Hourly Total	45	4	0	0	0	1	0	50
1700-1715	10	0	1	0	0	0	0	11
1715-1730	9	0	0	0	1	0	0	10
1730-1745	4	0	0	0	0	0	0	4
1745-1800	12	1	0	0	0	0	0	13
Hourly Total	35	1	1	0	1	0	0	38
1800-1815	11	0	0	0	0	0	0	11
1815-1830	11	0	0	0	0	0	0	11
1830-1845	12	0	0	0	0	0	0	12
1845-1900	9	0	0	0	0	0	0	9
Hourly Total	43	0	0	0	0	0	0	43
4 Hour Totals (pm)	195	10	1	0	1	2	0	209
Day Total	311	35	5	0	4	2	0	357

Arm D - Arm F

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	5	0	0	0	0	1	0	6
0715-0730	8	5	0	0	0	0	0	13
0730-0745	15	4	0	0	0	0	0	19
0745-0800	15	2	0	0	0	0	0	17
Hourly Total	43	11	0	0	0	1	0	55
0800-0815	9	5	0	0	0	0	0	14
0815-0830	17	2	0	1	0	0	0	20
0830-0845	5	0	0	0	0	0	0	5
0845-0900	12	6	0	0	0	0	0	18
Hourly Total	43	13	0	1	0	0	0	57
0900-0915	11	2	1	0	0	0	0	14
0915-0930	6	1	0	0	0	0	0	7
0930-0945	4	4	0	0	0	0	0	8
0945-1000	3	1	0	0	0	0	0	4
Hourly Total	24	8	1	0	0	0	0	33
3 Hour Totals (am)	110	32	1	1	0	1	0	145
1500-1515	15	6	0	0	0	0	0	21
1515-1530	16	0	0	0	0	0	0	16
1530-1545	30	0	1	0	1	0	0	32
1545-1600	19	2	1	0	0	0	0	22
Hourly Total	80	8	2	0	1	0	0	91
1600-1615	25	2	0	0	0	0	0	27
1615-1630	20	1	1	0	0	0	0	22
1630-1645	21	1	0	0	1	0	0	23
1645-1700	13	2	2	0	0	0	0	17
Hourly Total	79	6	3	0	1	0	0	89
1700-1715	12	1	1	0	0	0	0	14
1715-1730	18	1	0	0	0	0	0	19
1730-1745	18	0	0	0	0	0	0	18
1745-1800	19	1	0	0	0	0	0	20
Hourly Total	67	3	1	0	0	0	0	71
1800-1815	11	0	0	0	0	0	0	11
1815-1830	10	3	0	0	0	0	0	13
1830-1845	8	0	0	0	0	0	0	8
1845-1900	8	0	0	0	0	0	0	8
Hourly Total	37	3	0	0	0	0	0	40
4 Hour Totals (pm)	263	20	6	0	2	0	0	291
Day Total	373	52	7	1	2	1	0	436

Arm D - Arm Total

	Arm Total
0700-0715	77
0715-0730	125
0730-0745	157
0745-0800	155
Hourly Total	514
0800-0815	129
0815-0830	143
0830-0845	103
0845-0900	126
Hourly Total	501
0900-0915	97
0915-0930	90
0930-0945	76
0945-1000	74
Hourly Total	337
3 Hour Totals (am)	1352
1500-1515	150
1515-1530	104
1530-1545	143
1545-1600	116
Hourly Total	513
1600-1615	143
1615-1630	114
1630-1645	128
1645-1700	126
Hourly Total	511
1700-1715	108
1715-1730	99
1730-1745	86
1745-1800	108
Hourly Total	401
1800-1815	102
1815-1830	111
1830-1845	116
1845-1900	91
Hourly Total	420
4 Hour Totals (pm)	1845
Day Total	3197

Arm E - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	2	0	0	0	0	0	0	2
Hourly Total	2	0	0	0	0	0	0	2
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	1	0	0	0	0	0	1
Hourly Total	0	1	0	0	0	0	0	1
0900-0915	1	0	0	0	0	0	0	1
0915-0930	3	0	0	0	0	0	0	3
0930-0945	1	0	0	0	0	0	0	1
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	5	0	0	0	0	0	0	5
3 Hour Totals (am)	7	1	0	0	0	0	0	8
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	1	0	0	0	0	0	1
1545-1600	1	0	0	0	0	0	0	1
Hourly Total	1	1	0	0	0	0	0	2
1600-1615	0	2	0	0	0	0	0	2
1615-1630	0	0	0	0	0	0	0	0
1630-1645	2	0	0	0	0	0	0	2
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	2	2	0	0	0	0	0	4
1700-1715	2	0	0	0	0	0	0	2
1715-1730	1	0	0	0	0	0	0	1
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	3	0	0	0	0	0	0	3
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	1	0	0	0	0	0	0	1
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	0	0	0	0	1
4 Hour Totals (pm)	7	3	0	0	0	0	0	10
Day Total	14	4	0	0	0	0	0	18

Arm E - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	3	0	1	0	0	0	0	4
0715-0730	6	0	1	0	0	0	0	7
0730-0745	6	1	1	1	0	0	0	9
0745-0800	14	2	1	1	0	0	0	18
Hourly Total	29	3	4	2	0	0	0	38
0800-0815	3	2	0	1	0	0	0	6
0815-0830	4	1	0	0	0	0	0	5
0830-0845	3	1	0	0	0	10	0	14
0845-0900	5	3	0	0	0	0	0	8
Hourly Total	15	7	0	1	0	10	0	33
0900-0915	2	0	0	2	1	0	0	5
0915-0930	2	1	0	2	0	0	0	5
0930-0945	3	0	1	0	0	0	0	4
0945-1000	4	0	1	1	0	0	0	6
Hourly Total	11	1	2	5	1	0	0	20
3 Hour Totals (am)	55	11	6	8	1	10	0	91
1500-1515	5	0	0	2	0	0	0	7
1515-1530	5	1	0	0	0	0	0	6
1530-1545	10	1	0	0	1	0	0	12
1545-1600	6	1	1	0	0	0	0	8
Hourly Total	26	3	1	2	1	0	0	33
1600-1615	9	0	0	1	0	0	0	10
1615-1630	7	2	0	0	0	0	0	9
1630-1645	13	1	0	0	0	0	0	14
1645-1700	9	1	2	1	0	0	0	13
Hourly Total	38	4	2	2	0	0	0	46
1700-1715	14	0	0	0	0	0	0	14
1715-1730	10	0	0	0	0	0	0	10
1730-1745	6	2	0	0	0	0	0	8
1745-1800	2	4	0	0	0	0	0	6
Hourly Total	32	6	0	0	0	0	0	38
1800-1815	5	2	0	0	0	0	0	7
1815-1830	4	0	0	0	0	0	0	4
1830-1845	4	0	0	0	0	0	0	4
1845-1900	3	0	0	0	0	0	0	3
Hourly Total	16	2	0	0	0	0	0	18
4 Hour Totals (pm)	112	15	3	4	1	0	0	135
Day Total	167	26	9	12	2	10	0	226

Arm E - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	29	1	0	0	0	0	0	30
0715-0730	50	6	0	0	0	1	0	57
0730-0745	65	2	1	0	0	0	0	68
0745-0800	75	3	0	0	1	1	0	80
Hourly Total	219	12	1	0	1	2	0	235
0800-0815	59	4	1	0	0	1	0	65
0815-0830	70	4	2	0	0	0	0	76
0830-0845	56	1	1	0	0	0	0	58
0845-0900	44	2	0	0	1	0	0	47
Hourly Total	229	11	4	0	1	1	0	246
0900-0915	32	3	0	0	0	0	0	35
0915-0930	28	4	1	0	0	2	0	35
0930-0945	14	1	0	0	0	0	0	15
0945-1000	21	2	0	0	0	1	0	24
Hourly Total	95	10	1	0	0	3	0	109
3 Hour Totals (am)	543	33	6	0	2	6	0	590
1500-1515	25	1	1	0	0	0	0	27
1515-1530	16	1	1	0	0	1	0	19
1530-1545	21	4	0	1	0	1	0	27
1545-1600	23	2	0	0	0	1	0	26
Hourly Total	85	8	2	1	0	3	0	99
1600-1615	22	5	0	0	0	0	0	27
1615-1630	24	5	0	0	0	0	0	29
1630-1645	16	2	0	0	0	0	0	18
1645-1700	21	1	0	0	0	0	0	22
Hourly Total	83	13	0	0	0	0	0	96
1700-1715	21	1	0	0	0	0	0	22
1715-1730	28	1	0	0	0	0	0	29
1730-1745	18	0	0	0	0	1	0	19
1745-1800	17	2	0	0	0	0	0	19
Hourly Total	84	4	0	0	0	1	0	89
1800-1815	8	0	0	0	1	0	0	9
1815-1830	23	1	0	0	0	1	0	25
1830-1845	30	3	0	0	0	0	0	33
1845-1900	23	1	0	0	0	1	0	25
Hourly Total	84	5	0	0	1	2	0	92
4 Hour Totals (pm)	336	30	2	1	1	6	0	376
Day Total	879	63	8	1	3	12	0	966

Arm E - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	4	0	0	0	0	0	0	4
0715-0730	4	0	0	0	0	0	0	4
0730-0745	4	1	0	0	0	0	0	5
0745-0800	6	0	0	0	0	0	0	6
Hourly Total	18	1	0	0	0	0	0	19
0800-0815	6	1	0	0	0	0	0	7
0815-0830	7	0	1	0	0	0	0	8
0830-0845	5	0	0	0	0	0	0	5
0845-0900	4	1	1	0	0	0	0	6
Hourly Total	22	2	2	0	0	0	0	26
0900-0915	7	1	1	0	0	0	0	9
0915-0930	8	0	1	0	0	0	0	9
0930-0945	3	3	1	0	0	0	0	7
0945-1000	8	2	0	0	0	0	0	10
Hourly Total	26	6	3	0	0	0	0	35
3 Hour Totals (am)	66	9	5	0	0	0	0	80
1500-1515	6	2	1	0	0	0	0	9
1515-1530	6	0	0	0	0	0	0	6
1530-1545	6	1	0	0	0	0	0	7
1545-1600	3	1	1	0	0	0	0	5
Hourly Total	21	4	2	0	0	0	0	27
1600-1615	7	0	1	0	2	0	0	10
1615-1630	9	1	0	0	0	0	0	10
1630-1645	9	0	0	0	0	0	0	9
1645-1700	5	1	0	0	0	0	0	6
Hourly Total	30	2	1	0	2	0	0	35
1700-1715	10	0	0	0	0	2	0	12
1715-1730	6	0	0	0	0	0	0	6
1730-1745	7	2	0	0	0	1	0	10
1745-1800	12	0	0	0	0	0	0	12
Hourly Total	35	2	0	0	0	3	0	40
1800-1815	11	0	0	0	0	0	0	11
1815-1830	8	0	0	0	0	0	0	8
1830-1845	8	0	0	0	0	0	0	8
1845-1900	6	1	0	0	0	0	0	7
Hourly Total	33	1	0	0	0	0	0	34
4 Hour Totals (pm)	119	9	3	0	2	3	0	136
Day Total	185	18	8	0	2	3	0	216

Arm E - Arm E

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm E - Arm F

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	1	0	0	0	0	0	0	1
0715-0730	0	0	0	1	0	0	0	1
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	1	0	0	0	2
0800-0815	1	0	1	0	0	0	0	2
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	1	0	1	0	0	0	0	2
0900-0915	0	0	0	1	0	0	0	1
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	1	0	0	0	1
3 Hour Totals (am)	2	0	1	2	0	0	0	5
1500-1515	1	0	0	0	0	0	0	1
1515-1530	1	0	0	1	0	0	0	2
1530-1545	3	0	0	0	0	0	0	3
1545-1600	1	0	0	0	0	0	0	1
Hourly Total	6	0	0	1	0	0	0	7
1600-1615	2	0	0	0	0	0	0	2
1615-1630	0	0	0	0	0	0	0	0
1630-1645	4	0	0	0	0	0	0	4
1645-1700	2	0	0	0	0	0	0	2
Hourly Total	8	0	0	0	0	0	0	8
1700-1715	9	0	0	0	0	0	0	9
1715-1730	3	1	0	0	0	0	0	4
1730-1745	1	0	0	0	0	0	0	1
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	13	1	0	0	0	0	0	14
1800-1815	1	0	0	0	0	0	0	1
1815-1830	1	0	0	0	0	0	0	1
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	2	0	0	0	0	0	0	2
4 Hour Totals (pm)	29	1	0	1	0	0	0	31
Day Total	31	1	1	3	0	0	0	36

Arm E - Arm Total

	Arm Total
0700-0715	39
0715-0730	69
0730-0745	82
0745-0800	106
Hourly Total	296
0800-0815	80
0815-0830	89
0830-0845	77
0845-0900	62
Hourly Total	308
0900-0915	51
0915-0930	52
0930-0945	27
0945-1000	40
Hourly Total	170
3 Hour Totals (am)	774
1500-1515	44
1515-1530	33
1530-1545	50
1545-1600	41
Hourly Total	168
1600-1615	51
1615-1630	48
1630-1645	47
1645-1700	43
Hourly Total	189
1700-1715	59
1715-1730	50
1730-1745	38
1745-1800	37
Hourly Total	184
1800-1815	28
1815-1830	38
1830-1845	46
1845-1900	35
Hourly Total	147
4 Hour Totals (pm)	688
Day Total	1462

Arm F - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	6	4	0	0	0	0	0	10
0715-0730	4	8	1	0	0	0	0	13
0730-0745	8	7	0	0	0	0	0	15
0745-0800	5	10	0	0	0	0	0	15
Hourly Total	23	29	1	0	0	0	0	53
0800-0815	9	7	1	0	0	0	0	17

Arm F - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	4	0	0	0	0	0	0	4
0715-0730	2	0	0	0	0	0	0	2
0730-0745	4	0	0	0	0	0	0	4
0745-0800	2	1	0	0	0	0	0	3
Hourly Total	12	1	0	0	0	0	0	13
0800-0815	0	0	0	0	0	0	0	0

Arm F - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	63	2	0	0	1	0	0	66
0715-0730	79	9	0	0	0	0	0	88
0730-0745	76	7	0	0	0	0	0	83
0745-0800	106	6	0	1	1	0	0	114
Hourly Total	324	24	0	1	2	0	0	351
0800-0815	101	7	1	0	1	0	0	110

Arm F - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	2	0	0	0	0	0	0	2
0715-0730	1	0	0	0	0	0	0	1
0730-0745	4	2	0	0	0	0	0	6
0745-0800	7	2	0	1	1	0	0	11
Hourly Total	14	4	0	1	1	0	0	20
0800-0815	7	2	1	0	0	0	0	10

Arm F - Arm E

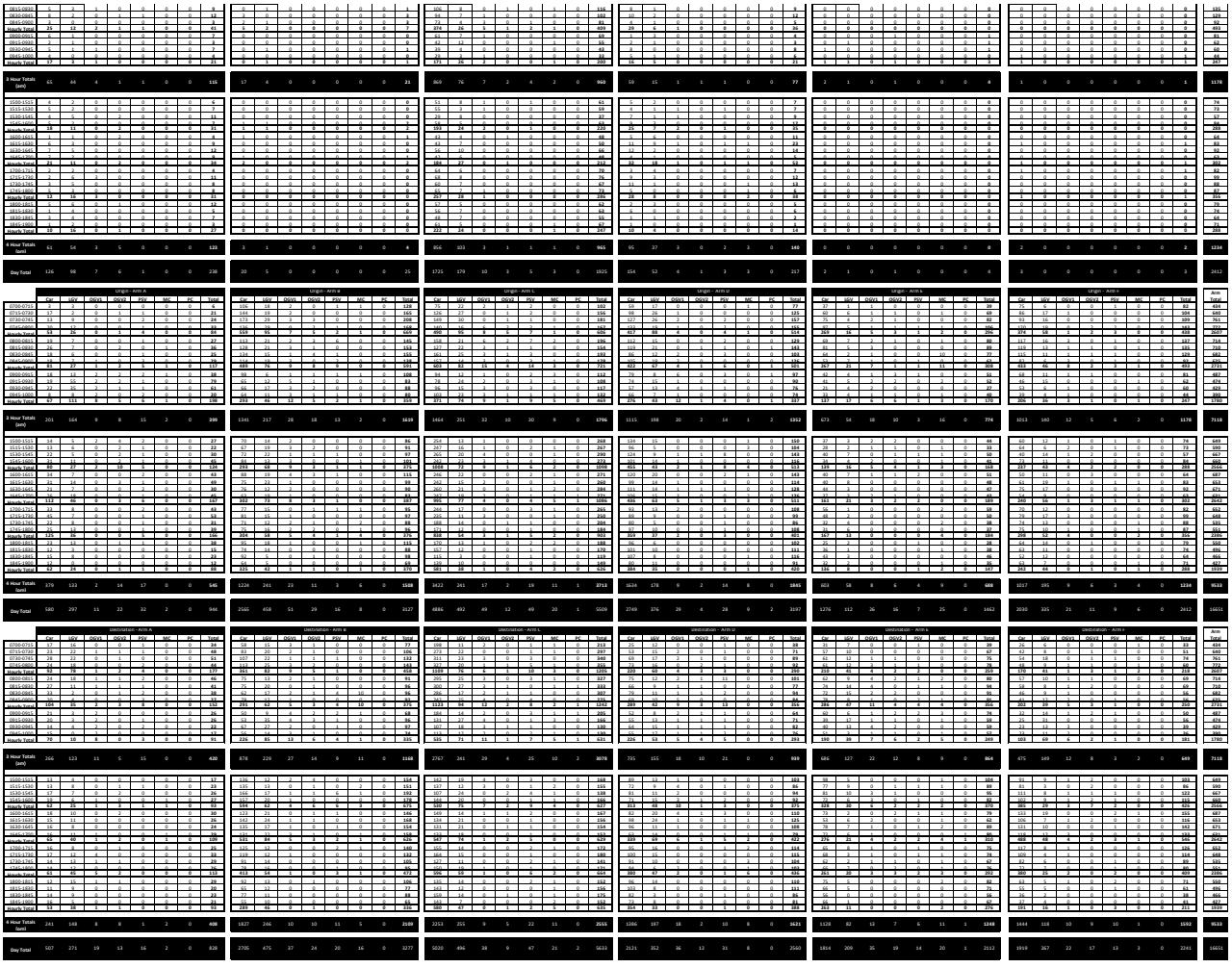
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	1	0	0	0	0	0	0	1
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	0	0	0	0	1
0800-0815	0	0	0	0	0	0	0	0

Arm F - Arm F

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0

Arm F - Arm Total

	Arm Total
0700-0715	82
0715-0730	104
0730-0745	109
0745-0800	143
Hourly Total	438
0800-0815	137



Severnside Transportation Data Collection

SS1743 Penllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 7

Arm A - Arm A

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm A - Arm B

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	8	9	1	2	0	0	0	20
0715-0730	17	8	2	0	0	0	0	27
0730-0745	8	5	2	5	1	0	0	21
0745-0800	10	3	2	5	0	0	0	20
Hourly Total	43	25	7	12	1	0	0	88
0800-0815	12	5	2	6	0	0	0	25
0815-0830	12	9	0	0	0	0	0	21
0830-0845	10	5	2	1	0	0	0	18
0845-0900	25	7	1	0	1	0	0	34
Hourly Total	59	26	5	7	1	0	0	98
0900-0915	20	8	0	0	1	0	0	29
0915-0930	20	2	3	1	1	0	0	27
0930-0945	20	6	5	3	1	0	0	35
0945-1000	19	7	4	4	0	0	0	34
Hourly Total	79	23	12	8	3	0	0	125
3 Hour Totals (am)	181	74	24	27	5	0	0	311
1500-1515	22	3	4	0	0	1	0	30
1515-1530	18	7	3	0	0	0	0	28
1530-1545	18	4	4	0	0	0	0	26
1545-1600	16	2	2	0	1	0	0	21
Hourly Total	74	16	13	0	1	1	0	105
1600-1615	16	4	3	2	0	0	0	25
1615-1630	23	8	1	3	0	0	0	35
1630-1645	26	1	0	2	0	0	0	29
1645-1700	20	6	1	0	0	0	0	27
Hourly Total	85	19	5	7	0	0	0	116
1700-1715	14	2	0	2	0	0	0	18
1715-1730	17	0	1	1	0	0	0	19
1730-1745	17	2	0	0	0	0	0	19
1745-1800	17	1	0	1	0	0	0	19
Hourly Total	65	5	1	4	0	0	0	75
1800-1815	18	0	0	0	0	0	0	18
1815-1830	21	4	0	0	0	0	0	25
1830-1845	22	2	0	2	0	0	0	26
1845-1900	14	0	0	2	0	0	0	16
Hourly Total	75	6	0	4	0	0	0	85
4 Hour Totals (pm)	299	46	19	15	1	1	0	381
Day Total	480	120	43	42	6	1	0	692

Arm A - Arm C

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	1	0	1	0	0	0	0	2
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	1	0	1
Hourly Total	1	0	1	0	0	1	0	3
0800-0815	1	0	0	0	0	0	0	1
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	1	1	0	0	0	0	0	2
Hourly Total	2	1	0	0	0	0	0	3
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	1	0	0	0	0	0	0	1
0945-1000	0	0	0	1	0	0	0	1
Hourly Total	1	0	0	1	0	0	0	2
3 Hour Totals (am)	4	1	1	1	0	1	0	8
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	1	0	0	0	0	0	0	1
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	0	0	0	0	1
1600-1615	0	0	0	1	0	0	0	1
1615-1630	1	0	0	0	0	0	0	1
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	1	0	0	0	2
1700-1715	1	0	0	0	0	0	0	1
1715-1730	0	0	0	0	0	0	0	0
1730-1745	1	0	0	0	0	0	0	1
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	2	0	0	0	0	0	0	2
1800-1815	1	0	0	1	0	0	0	2
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	1	0	0	0	2
4 Hour Totals (pm)	5	0	0	2	0	0	0	7
Day Total	9	1	1	3	0	1	0	15

Arm A - Arm D

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	3	1	0	1	0	0	0	5
0715-0730	3	2	0	0	0	0	0	5
0730-0745	6	2	2	2	0	0	0	12
0745-0800	6	1	0	1	0	0	0	8
Hourly Total	18	6	2	4	0	0	0	30
0800-0815	5	3	0	2	2	0	0	12
0815-0830	9	0	1	0	0	0	0	10
0830-0845	4	2	1	5	0	0	0	12
0845-0900	8	3	3	0	0	0	0	14
Hourly Total	26	8	5	7	2	0	0	48
0900-0915	4	1	0	2	1	0	0	8
0915-0930	10	0	3	2	0	0	0	15
0930-0945	3	4	1	1	0	0	0	9
0945-1000	1	2	0	2	0	0	0	5
Hourly Total	18	7	4	7	1	0	0	37
3 Hour Totals (am)	62	21	11	18	3	0	0	115
1500-1515	4	1	1	4	0	0	0	10
1515-1530	1	3	1	0	0	1	0	6
1530-1545	12	0	1	0	0	0	0	13
1545-1600	10	0	0	0	0	0	0	10
Hourly Total	27	4	3	4	0	1	0	39
1600-1615	10	0	0	0	0	0	0	10
1615-1630	15	0	0	0	0	0	0	15
1630-1645	5	0	1	0	0	0	0	6
1645-1700	14	2	0	0	0	0	0	16
Hourly Total	44	2	1	0	0	0	0	47
1700-1715	11	1	2	0	0	0	0	14
1715-1730	4	0	0	2	0	0	0	6
1730-1745	5	2	0	0	0	1	0	8
1745-1800	6	0	1	0	0	0	0	7
Hourly Total	26	3	3	2	0	1	0	35
1800-1815	7	0	0	0	0	0	0	7
1815-1830	12	0	1	0	0	0	0	13
1830-1845	12	0	0	0	0	0	0	12
1845-1900	8	0	0	0	0	0	0	8
Hourly Total	39	0	1	0	0	0	0	40
4 Hour Totals (pm)	136	9	8	6	0	2	0	161
Day Total	198	30	19	24	3	2	0	276

Arm A - Arm E

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	1	2	0	0	0	0	0	3
0715-0730	1	0	0	0	0	0	0	1
0730-0745	4	1	4	1	0	0	0	10
0745-0800	3	1	0	0	0	0	0	4
Hourly Total	9	4	4	1	0	0	0	18
0800-0815	3	1	0	0	0	0	0	4
0815-0830	3	3	1	0	0	0	0	7
0830-0845	4	2	1	1	0	0	0	8
0845-0900	3	0	0	0	0	0	0	3
Hourly Total	13	6	2	1	0	0	0	22
0900-0915	4	4	1	0	0	0	0	9
0915-0930	3	2	0	2	0	0	0	7
0930-0945	5	3	0	0	0	0	0	8
0945-1000	6	1	0	0	0	0	0	7
Hourly Total	18	10	1	2	0	0	0	31
3 Hour Totals (am)	40	20	7	4	0	0	0	71
1500-1515	5	1	0	0	0	0	0	6
1515-1530	8	1	0	0	0	0	0	9
1530-1545	5	2	0	0	0	0	0	7
1545-1600	6	1	0	0	0	0	0	7
Hourly Total	24	5	0	0	0	0	0	29
1600-1615	5	2	0	0	0	0	0	7
1615-1630	7	1	0	0	0	0	0	8
1630-1645	4	1	0	0	0	0	0	5
1645-1700	3	0	0	0	0	0	0	3
Hourly Total	19	4	0	0	0	0	0	23
1700-1715	2	1	0	0	0	0	0	3
1715-1730	5	1	0	0	0	0	0	6
1730-1745	7	1	0	0	0	0	0	8
1745-1800	4	3	0	0	0	0	0	7
Hourly Total	18	6	0	0	0	0	0	24
1800-1815	7	1	0	0	0	0	0	8
1815-1830	7	1	0	0	0	0	0	8
1830-1845	3	1	0	0	0	0	0	4
1845-1900	3	1	0	0	0	0	0	4
Hourly Total	20	4	0	0	0	0	0	24
4 Hour Totals (pm)	81	19	0	0	0	0	0	100
Day Total	121	39	7	4	0	0	0	171

Arm A - Arm F

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	3	0	0	0	3
0715-0730	1	2	1	4	0	0	0	8
0730-0745	3	1	0	1	0	0	0	5
0745-0800	0	3	1	2	0	0	0	6
Hourly Total	4	6	2	10	0	0	0	22
0800-0815	1	1	0	3	0	0	0	5
0815-0830	0	2	2	1	0	0	0	5
0830-0845	1	0	0	0	0	0	0	1
0845-0900	0	0	1	1	0	0	0	2
Hourly Total	2	3	3	5	0	0	0	13
0900-0915	1	0	1	1	0	0	0	3
0915-0930	0	0	2	4	0	0	0	6
0930-0945	2	0	2	3	0	0	0	7
0945-1000	0	0	2	7	0	0	0	9
Hourly Total	3	0	7	15	0	0	0	25
3 Hour Totals (am)	9	9	12	30	0	0	0	60
1500-1515	0	0	0	0	0	0	0	0
1515-1530	6	0	0	1	0	0	0	7
1530-1545	0	0	0	1	0	0	0	1
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	6	0	0	2	0	0	0	8
1600-1615	1	0	0	0	0	0	0	1
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	2	0	1	0	0	0	3
Hourly Total	1	2	0	1	0	0	0	4
1700-1715	1	0	0	0	0	0	0	1
1715-1730	5	0	1	1	0	0	0	7
1730-1745	2	0	0	1	0	0	0	3
1745-1800	1	0	0	1	0	0	0	2
Hourly Total	9	0	1	3	0	0	0	13
1800-1815	1	0	0	0	0	0	0	1
1815-1830	0	0	0	1	0	0	0	1
1830-1845	0	0	0	1	0	0	0	1
1845-1900	2	0	0	1	0	0	0	3
Hourly Total	3	0	0	3	0	0	0	6
4 Hour Totals (pm)	19	2	1	9	0	0	0	31
Day Total	28	11	13	39	0	0	0	91

Arm A - Arm Total

Time	Arm Total
0700-0715	33
0715-0730	41
0730-0745	48
0745-0800	39
Hourly Total	161
0800-0815	47
0815-0830	43
0830-0845	39
0845-0900	55
Hourly Total	184
0900-0915	49
0915-0930	55
0930-0945	60
0945-1000	56
Hourly Total	220
3 Hour Totals (am)	565
1500-1515	46
1515-1530	50
1530-1545	48
1545-1600	38
Hourly Total	182
1600-1615	44
1615-1630	59
1630-1645	40
1645-1700	49
Hourly Total	192
1700-1715	37
1715-1730	38
1730-1745	39
1745-1800	35
Hourly Total	149
1800-1815	36
1815-1830	47
1830-1845	43
1845-1900	31
Hourly Total	157
4 Hour Totals (pm)	680
Day Total	1245

Arm B - Arm A

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	12	9	2	3	0	0	0	26
0715-0730	3	6	1	0	1	0	0	11
0730-0745	1	1	2	0	0	0	0	4
0745-0800	4	0	2	3	0	0	0	9
Hourly Total	20	16	7	6	1	0	0	50
0800-0815	10	5	2	1	0	0	0	18
0815-0830	16	5	0	1	0	0	0	22
0830-0845	5	7	0	3	0	0	0	15
0845-0900	3	9	1	3	1	0	0	17
Hourly Total	34	26	3	8	1	0	0	72
0900-0915	23	5	3	6	2	0	0	39
0915-0930	19	8	0	5	0	0	0	32
0930-0945	14	8	0	4	1	0	0	27
0945-1000	12	3	0	3	0	0	0	18
Hourly Total	68	24	3	18	3	0	0	116
3 Hour Totals (am)	122	66	13	32	5	0	0	238
1500-1515	23	2	1	1	0	0	0	27
1515-1530	2	1	0	3	0	0	0	6
1530-1545	7	2	0	0	0	0	0	9
1545-1600	35	5	1	1	2	0	0	44
Hourly Total	67	10	2	5	2	0	0	86
1600-1615	5	4	0	4	0	0	0	13
1615-1630	16	0	0	4	0	0	0	20
1630-1645	5	0	1	2	0	0	0	8
1645-1700	9	1	0	0	0	0	0	10
Hourly Total	35	5	1	10	0	0	0	51
1700-1715	9	0	1	3	0	0	0	13
1715-1730	7	0	0	5	0	0	0	12
1730-1745	14	4	1	2	0	0	0	21
1745-1800	20	1	2	3	0	0	0	26
Hourly Total	50	5	4	13	0	0	0	72
1800-1815	16	0	0	3	0	0	0	19
1815-1830	26	2	1	3	0	0	0	32
1830-1845	32	0	0	3	0	0	0	35
1845-1900	22	1	1	0	0	0	0	24
Hourly Total	96	3	2	9	0	0	0	110
4 Hour Totals (pm)	248	23	9	37	2	0	0	319
Day Total	370	89	22	69	7	0	0	557

Arm B - Arm B

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm B - Arm C

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	1	0	1
0730-0745	0	2	0	0	0	0	0	2
0745-0800	0	0	0	0	0	2	0	2
Hourly Total	0	2	0	0	0	3	0	5
0800-0815	1	0	0	0	0	0	0	1
0815-0830	1	0	0	0	0	0	0	1
0830-0845	0	0	0	0	0	0	0	0
0845-0900	2	0	0	0	0	0	0	2
Hourly Total	4	0	0	0	0	0	0	4
0900-0915	1	0	0	1	0	0	0	2
0915-0930	2	0	1	0	0	0	0	3
0930-0945	2	0	0	0	0	0	0	2
0945-1000	1	0	0	0	0	0	0	1
Hourly Total	6	0	1	1	0	0	0	8
3 Hour Totals (am)	10	2	1	1	0	3	0	17
1500-1515	2	0	0	0	0	0	0	2
1515-1530	2	0	0	0	0	0	0	2
1530-1545	4	0	0	0	0	0	0	4
1545-1600	4	0	0	0	0	0	0	4
Hourly Total	12	0	0	0	0	0	0	12
1600-1615	2	0	0	0	0	0	0	2
1615-1630	1	0	0	0	0	0	0	1
1630-1645	4	0	0	0	0	0	0	4
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	7	0	0	0	0	0	0	7
1700-1715	3	0	0	0	0	0	0	3
1715-1730	1	1	0	0	0	0	0	2
1730-1745	2	2	0	0	0	0	0	4
1745-1800	2	0	0	0	0	0	0	2
Hourly Total	8	3	0	0	0	0	0	11
1800-1815	1	1	0	0	0	0	0	2
1815-1830	2	0	0	0	0	0	0	2
1830-1845	1	0	0	0	0	0	0	1
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	4	1	0	0	0	0	0	5
4 Hour Totals (pm)	31	4	0	0	0	0	0	35
Day Total	41	6	1	1	0	3	0	52

Arm B - Arm D

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	35	26	2	6	1	0	0	70
0715-0730	36	49	4	4	0	0	0	93
0730-0745	60	35	2	2	4	1	0	104
0745-0800	55	45	0	3	0	0	0	103
Hourly Total	186	155	8	15	5	1	0	370
0800-0815	43	30	0	3	0	0	0	76
0815-0830	50	26	5	6	0	4	0	91
0830-0845	89	40	10	0	0	0	0	139
0845-0900	95	30	2	2	2	1	0	132
Hourly Total	277	126	17	11	2	5	0	438
0900-0915	66	29	7	6	8	0	0	116
0915-0930	95	35	7	0	1	0	0	138
0930-0945	72	34	3	2	1	0	0	112
0945-1000	77	36	0	2	0	0	0	115
Hourly Total	310	134	17	10	10	0	0	481
3 Hour Totals (am)	773	415	42	36	17	6	0	1289
1500-1515	82	23	5	3	1	2	0	116
1515-1530	107	30	3	5	1	0	0	146
1530-1545	111	23	2	2	2	0	0	140
1545-1600	129	26	6	3	0	0	0	164
Hourly Total	429	102	16	13	4	2	0	566
1600-1615	151	45	3	2	6	1	0	208
1615-1630	110	33	1	4	3	1	0	152
1630-1645	137	31	0	2	3	1	0	174
1645-1700	135	32	0	1	1	0	0	169
Hourly Total	533	141	4	9	13	3	0	703
1700-1715	132	35	2	3	1	0	0	173
1715-1730	133	32	5	0	0	0	0	170
1730-1745	119	15	1	0	2	0	0	137
1745-1800	102	21	0	0	0	0	0	123
Hourly Total	486	103	8	3	3	0	0	603
1800-1815	122	13	1	0	0	0	0	136
1815-1830	110	16	2	1	0	0	0	129
1830-1845	61	13	3	0	0	0	0	77
1845-1900	52	6	0	2	0	0	0	60
Hourly Total	345	48	6	3	0	0	0	402
4 Hour Totals (pm)	1793	394	34	28	20	5	0	2274
Day Total	2566	809	76	64	37	11	0	3563

Arm B - Arm E

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	51	16	0	0	2	0	0	69
0715-0730	51	27	3	1	0	0	0	82
0730-0745	54	28	0	1	0	0	0	83
0745-0800	81	32	3	3	1	0	0	120
Hourly Total	237	103	6	5	3	0	0	354
0800-0815	89	22	7	3	0	0	0	121
0815-0830	88	25	1	2	0	0	0	116
0830-0845	84	13	1	3	0	0	0	101
0845-0900	68	24	2	4	0	0	0	98
Hourly Total	329	84	11	12	0	0	0	436
0900-0915	71	13	1	2	1	0	0	88
0915-0930	40	9	3	4	0	0	0	56
0930-0945	44	21	2	4	0	0	0	71
0945-1000	34	20	10	1	0	0	0	65
Hourly Total	189	63	16	11	1	0	0	280
3 Hour Totals (am)	755	250	33	28	4	0	0	1070
1500-1515	113	20	2	1	0	0	0	136
1515-1530	130	24	0	0	0	3	0	157
1530-1545	97	22	0	1	0	0	0	120
1545-1600	142	27	0	0	0	0	0	169
Hourly Total	482	93	2	2	0	3	0	582
1600-1615	137	30	3	2	0	2	0	174
1615-1630	157	33	4	0	1	6	0	201
1630-1645	160	30	3	0	0	2	0	195
1645-1700	189	17	0	0	0	0	0	206
Hourly Total	643	110	10	2	1	10	0	776
1700-1715	169	16	1	0	0	0	0	186
1715-1730	178	8	0	0	1	1	0	188
1730-1745	157	7	0	0	0	0	0	164
1745-1800	171	22	0	0	0	0	0	193
Hourly Total	675	53	1	0	1	1	0	731
1800-1815	150	12	0	0	0	0	0	162
1815-1830	118	5	0	0	0	0	0	123
1830-1845	106	6	0	0	0	0	0	112
1845-1900	93	6	0	0	0	0	0	99
Hourly Total	467	29	0	0	0	0	0	496
4 Hour Totals (pm)	2267	285	13	4	2	14	0	2585
Day Total	3022	535	46	32	6	14	0	3655

Arm B - Arm F

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm B - Arm Total

Time	Arm Total
0700-0715	165
0715-0730	187
0730-0745	193
0745-0800	234
Hourly Total	779
0800-0815	216
0815-0830	230
0830-0845	255
0845-0900	249
Hourly Total	950
0900-0915	245
0915-0930	229
0930-0945	212
0945-1000	199
Hourly Total	885
3 Hour Totals (am)	2614
1500-1515	281
1515-1530	311
1530-1545	273
1545-1600	381
Hourly Total	1246
1600-1615	397
1615-1630	374
1630-1645	381
1645-1700	385
Hourly Total	1537
1700-1715	375
1715-1730	372
1730-1745	326
1745-1800	344
Hourly Total	1417
1800-1815	319
1815-1830	286
1830-1845	225
1845-1900	183
Hourly Total	1013
4 Hour Totals (pm)	5213
Day Total	7827

Arm C - Arm A

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	1	0	0	0	0	0	0	1
0715-0730	0	1	1	1	0	0	0	3
0730-0745	3	1	0	0	0	0	0	4
0745-0800	1	0	0	0	0	0	0	1
Hourly Total	5	2	1	1	0	0	0	9
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	2	0	0	0	0	0	0	2
Hourly Total	2	0	0	0	0	0	0	2
0900-0915	1	0	0	0	0	0	0	1
0915-0930	1	0	0	0	0	0	0	1
0930-0945	1	0	0	1	0	0	0	2
0945-1000	5	0	0	0	0	0	0	5
Hourly Total	8	0	0	1	0	0	0	9
3 Hour Totals (am)	15	2	1	2	0	0	0	20
1500-1515	2	0	0	0	0	0	0	2
1515-1530	4	0	0	0	0	0	0	4
1530-1545	1	0	0	0	0	0	0	1
1545-1600	3	1	0	0	0	0	0	4
Hourly Total	10	1	0	0	0	0	0	11
1600-1615	0	0	0	0	0	0	0	0
1615-1630	1	0	0	0	0	0	0	1
1630-1645	1	0	0	0	0	0	0	1
1645-1700	1	0	0	1	0	0	0	2
Hourly Total	3	0	0	1	0	0	0	4
1700-1715	2	0	0	0	0	0	0	2
1715-1730	1	0	0	0	0	0	0	1
1730-1745	0	1	0	0	0	0	0	1
1745-1800	1	0	0	0	0	0	0	1
Hourly Total	4	1	0	0	0	0	0	5
1800-1815	1	0	0	0	0	0	0	1
1815-1830	1	0	0	0	0	0	0	1
1830-1845	3	0	0	0	0	0	0	3
1845-1900	2	0	0	0	0	0	0	2
Hourly Total	7	0	0	0	0	0	0	7
4 Hour Totals (pm)	24	2	0	1	0	0	0	27
Day Total	39	4	1	3	0	0	0	47

Arm C - Arm B

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	1	1	0	0	0	0	2
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	1	1	0	0	0	0	2
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	1	0	0	0	0	1
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	1	0	0	0	0	1
3 Hour Totals (am)	0	1	2	0	0	0	0	3
1500-1515	0	0	0	0	0	0	0	0
1515-1530	2	0	0	0	0	0	0	2
1530-1545	0	0	0	0	0	0	0	0
1545-1600	1	0	0	0	0	0	0	1
Hourly Total	3	0	0	0	0	0	0	3
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	1	0	0	0	0	0	0	1
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	0	0	0	0	1
1800-1815	0	1	0	0	0	0	0	1
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	1	0	0	0	0	0	1
4 Hour Totals (pm)	4	1	0	0	0	0	0	5
Day Total	4	2	2	0	0	0	0	8

Arm C - Arm C

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm C - Arm D

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	11	2	0	0	0	0	0	13
0715-0730	16	1	0	0	0	0	0	17
0730-0745	31	8	1	0	0	0	0	40
0745-0800	31	5	1	1	0	0	0	38
Hourly Total	89	16	2	1	0	0	0	108
0800-0815	39	6	1	0	0	0	0	46
0815-0830	47	7	1	0	0	1	0	56
0830-0845	40	1	2	0	0	0	0	43
0845-0900	29	4	1	0	1	1	0	36
Hourly Total	155	18	5	0	1	2	0	181
0900-0915	33	6	1	0	1	0	0	41
0915-0930	23	7	0	1	0	0	0	31
0930-0945	14	5	1	0	0	0	0	20
0945-1000	21	2	1	0	0	0	0	24
Hourly Total	91	20	3	1	1	0	0	116
3 Hour Totals (am)	335	54	10	2	2	2	0	405
1500-1515	71	2	1	1	0	0	0	75
1515-1530	42	4	1	0	1	0	0	48
1530-1545	41	3	1	0	1	0	0	46
1545-1600	66	4	0	0	0	0	0	70
Hourly Total	220	13	3	1	2	0	0	239
1600-1615	50	2	1	0	2	0	0	55
1615-1630	44	1	1	0	0	0	0	46
1630-1645	45	8	1	0	0	0	0	54
1645-1700	64	4	1	0	1	0	0	70
Hourly Total	203	15	4	0	3	0	0	225
1700-1715	55	5	0	0	1	0	0	61
1715-1730	49	4	0	0	0	1	0	54
1730-1745	35	2	1	0	0	0	0	38
1745-1800	32	3	0	0	0	0	0	35
Hourly Total	171	14	1	0	1	1	0	188
1800-1815	42	1	0	0	0	0	0	43
1815-1830	29	3	0	0	0	0	0	32
1830-1845	24	0	0	0	0	0	0	24
1845-1900	24	0	0	0	0	0	0	24
Hourly Total	119	4	0	0	0	0	0	123
4 Hour Totals (pm)	713	46	8	1	6	1	0	775
Day Total	1048	100	18	3	8	3	0	1180

Arm C - Arm E

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	12	2	1	0	0	0	0	15
0715-0730	29	6	0	0	0	0	0	35
0730-0745	15	6	0	0	1	0	0	22
0745-0800	29	8	0	1	2	0	0	40
Hourly Total	85	22	1	1	3	0	0	112
0800-0815	22	9	3	0	1	0	0	35
0815-0830	19	4	0	0	2	1	0	26
0830-0845	33	9	1	0	0	0	0	43
0845-0900	31	3	0	0	0	0	0	34
Hourly Total	105	25	4	0	3	1	0	138
0900-0915	21	5	0	0	0	3	0	29
0915-0930	19	7	1	0	0	1	0	28
0930-0945	18	6	2	0	0	0	0	26
0945-1000	24	4	0	0	0	0	0	28
Hourly Total	82	22	3	0	0	4	0	111
3 Hour Totals (am)	272	69	8	1	6	5	0	361
1500-1515	35	3	0	0	0	1	0	39
1515-1530	34	2	0	0	0	2	0	38
1530-1545	21	1	2	0	0	0	0	24
1545-1600	20	5	1	0	0	0	0	26
Hourly Total	110	11	3	0	0	3	0	127
1600-1615	21	3	1	1	0	1	0	27
1615-1630	17	1	1	0	0	1	0	20
1630-1645	16	1	0	0	0	0	0	17
1645-1700	30	3	0	0	0	0	0	33
Hourly Total	84	8	2	1	0	2	0	97
1700-1715	20	3	0	0	0	0	0	23
1715-1730	19	2	0	0	1	1	0	23
1730-1745	29	2	0	0	0	1	0	32
1745-1800	23	2	0	0	0	1	0	26
Hourly Total	91	9	0	0	1	3	0	104
1800-1815	41	1	0	0	0	2	0	44
1815-1830	36	0	0	0	1	0	0	37
1830-1845	29	0	0	0	0	0	0	29
1845-1900	34	1	0	0	0	0	0	35
Hourly Total	140	2	0	0	1	2	0	145
4 Hour Totals (pm)	425	30	5	1	2	10	0	473
Day Total	697	99	13	2	8	15	0	834

Arm C - Arm F

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	1	0	0	0	0	0	0	1
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	1	0	0	0	0	0	1
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	1	1	0	0	0	0	0	2
0900-0915	2	0	0	1	0	0	0	3
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	2	0	0	0	2
Hourly Total	2	0	0	3	0	0	0	5
3 Hour Totals (am)	3	1	0	3	0	0	0	7
1500-1515	2	0	0	0	0	0	0	2
1515-1530	4	0	0	0	0	0	0	4
1530-1545	0	1	0	0	0	0	0	1
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	6	1	0	0	0	0	0	7
1600-1615	1	0	0	0	0	0	0	1
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	0	0	0	0	1
1700-1715	5	0	0	0	0	0	0	5
1715-1730	0	0	0	0	0	0	0	0
1730-1745	1	0	0	0	0	0	0	1
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	6	0	0	0	0	0	0	6
1800-1815	1	2	0	0	0	0	0	3
1815-1830	1	0	0	0	0	0	0	1
1830-1845	1	0	0	0	0	0	0	1
1845-1900	1	0	0	0	0	0	0	1
Hourly Total	4	2	0	0	0	0	0	6
4 Hour Totals (pm)	17	3	0	0	0	0	0	20
Day Total	20	4	0	3	0	0	0	27

Arm C - Arm Total

Time	Arm Total
0700-0715	29
0715-0730	55
0730-0745	66
0745-0800	79
Hourly Total	229
0800-0815	82
0815-0830	84
0830-0845	87
0845-0900	72
Hourly Total	325
0900-0915	74
0915-0930	60
0930-0945	49
0945-1000	59
Hourly Total	242
3 Hour Totals (am)	796
1500-1515	118
1515-1530	96
1530-1545	72
1545-1600	101
Hourly Total	387
1600-1615	83
1615-1630	67
1630-1645	72
1645-1700	105
Hourly Total	327
1700-1715	91
1715-1730	79
1730-1745	72
1745-1800	62
Hourly Total	304
1800-1815	92
1815-1830	71
1830-1845	57
1845-1900	62
Hourly Total	282
4 Hour Totals (pm)	1300
Day Total	2096

Arm D - Arm A

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	4	1	1	1	0	0	0	7
0715-0730	5	0	0	0	0	0	0	5
0730-0745	11	1	0	3	0	0	0	15
0745-0800	9	1	1	0	0	0	0	11
Hourly Total	29	3	2	4	0	0	0	38
0800-0815	12	2	0	0	0	0	0	14
0815-0830	8	0	2	3	0	0	0	13
0830-0845	8	1	3	1	0	0	0	13
0845-0900	18	1	1	0	1	0	0	21
Hourly Total	46	4	6	4	1	0	0	61
0900-0915	9	0	2	0	0	0	0	11
0915-0930	10	0	1	1	0	0	0	12
0930-0945	5	0	1	0	0	0	0	6
0945-1000	4	1	2	0	0	0	0	7
Hourly Total	28	1	6	1	0	0	0	36
3 Hour Totals (am)	103	8	14	9	1	0	0	135
1500-1515	9	0	1	0	0	0	0	10
1515-1530	16	1	0	0	0	0	0	17
1530-1545	17	0	1	1	0	0	0	19
1545-1600	13	1	0	1	0	0	0	15
Hourly Total	55	2	2	2	0	0	0	61
1600-1615	14	1	0	0	0	0	0	15
1615-1630	9	2	0	0	0	0	0	11
1630-1645	5	0	1	0	0	0	0	6
1645-1700	10	1	0	0	0	0	0	11
Hourly Total	38	4	1	0	0	0	0	43
1700-1715	12	0	0	1	0	0	0	13
1715-1730	7	2	0	0	0	0	0	9
1730-1745	12	0	0	0	0	0	0	12
1745-1800	5	0	0	0	0	0	0	5
Hourly Total	36	2	0	1	0	0	0	39
1800-1815	10	1	0	0	0	0	0	11
1815-1830	8	0	0	0	0	0	0	8
1830-1845	5	0	0	0	0	0	0	5
1845-1900	5	0	0	0	0	0	0	5
Hourly Total	28	1	0	0	0	0	0	29
4 Hour Totals (pm)	157	9	3	3	0	0	0	172
Day Total	260	17	17	12	1	0	0	307

Arm D - Arm B

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	156	34	4	4	0	0	0	198
0715-0730	197	49	0	2	3	1	0	252
0730-0745	171	62	0	3	1	1	0	238
0745-0800	200	58	1	4	0	0	0	263
Hourly Total	724	203	5	13	4	2	0	951
0800-0815	194	49	4	1	0	0	0	248
0815-0830	194	49	4	5	0	1	0	253
0830-0845	170	42	1	8	3	0	0	224
0845-0900	145	44	4	11	2	1	0	207
Hourly Total	703	184	13	25	5	2	0	932
0900-0915	110	40	3	5	0	0	0	158
0915-0930	91	37	3	5	2	0	0	138
0930-0945	96	31	2	9	5	0	0	143
0945-1000	82	19	1	5	0	0	0	107
Hourly Total	379	127	9	24	7	0	0	546
3 Hour Totals (am)	1806	514	27	62	16	4	0	2429
1500-1515	128	29	1	10	2	2	0	172
1515-1530	97	27	4	4	1	5	0	138
1530-1545	145	38	2	1	0	4	0	190
1545-1600	120	51	2	3	2	0	0	178
Hourly Total	490	145	9	18	5	11	0	678
1600-1615	160	49	6	3	2	1	0	221
1615-1630	153	43	4	1	0	1	0	202
1630-1645	150	37	0	4	3	1	0	195
1645-1700	160	26	6	3	3	0	0	198
Hourly Total	623	155	16	11	8	3	0	816
1700-1715	177	30	0	2	0	0	0	209
1715-1730	173	17	1	2	0	3	0	196
1730-1745	130	12	2	3	0	0	0	147
1745-1800	112	13	2	0	0	0	0	127
Hourly Total	592	72	5	7	0	3	0	679
1800-1815	118	15	0	1	0	1	0	135
1815-1830	97	5	1	1	0	1	0	105
1830-1845	75	16	0	1	1	0	0	93
1845-1900	54	21	0	3	0	1	0	79
Hourly Total	344	57	1	6	1	3	0	412
4 Hour Totals (pm)	2049	429	31	42	14	20	0	2585
Day Total	3855	943	58	104	30	24	0	5014

Arm D - Arm C

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	10	0	1	0	0	0	0	11
0715-0730	31	2	0	0	0	0	0	33
0730-0745	22	2	3	0	2	0	0	29
0745-0800	20	3	0	0	1	0	0	24
Hourly Total	83	7	4	0	3	0	0	97
0800-0815	38	0	2	0	0	1	0	41
0815-0830	27	0	0	0	0	0	0	27
0830-0845	30	1	2	0	1	0	0	34
0845-0900	21	3	0	1	0	0	0	25
Hourly Total	116	4	4	1	1	1	0	127
0900-0915	22	1	0	1	0	0	0	24
0915-0930	25	4	0	0	0	1	0	30
0930-0945	11	4	1	1	0	0	0	17
0945-1000	19	5	1	0	0	0	0	25
Hourly Total	77	14	2	2	0	1	0	96
3 Hour Totals (am)	276	25	10	3	4	2	0	320
1500-1515	25	1	1	0	0	0	0	27
1515-1530	16	1	1	0	0	1	0	19
1530-1545	13	1	1	1	1	0	0	17
1545-1600	7	0	0	0	0	0	0	7
Hourly Total	61	3	3	1	1	1	0	70
1600-1615	14	2	1	0	0	0	0	17
1615-1630	12	0	0	1	0	0	0	13
1630-1645	16	1	1	0	0	0	0	18
1645-1700	17	2	1	0	0	0	0	20
Hourly Total	59	5	3	1	0	0	0	68
1700-1715	7	0	0	0	0	0	0	7
1715-1730	10	0	0	0	0	1	0	11
1730-1745	17	1	0	0	0	0	0	18
1745-1800	11	4	0	1	0	0	0	16
Hourly Total	45	5	0	1	0	1	0	52
1800-1815	10	0	0	0	0	0	0	10
1815-1830	22	2	0	0	0	1	0	25
1830-1845	21	2	0	0	0	0	0	23
1845-1900	18	0	0	0	0	1	0	19
Hourly Total	71	4	0	0	0	2	0	77
4 Hour Totals (pm)	236	17	6	3	1	4	0	267
Day Total	512	42	16	6	5	6	0	587

Arm D - Arm D

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm D - Arm E

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	19	2	0	0	0	0	0	21
0715-0730	18	5	1	0	2	0	0	26
0730-0745	18	6	0	0	3	0	0	27
0745-0800	29	7	1	0	2	0	0	39
Hourly Total	84	20	2	0	7	0	0	113
0800-0815	32	3	1	2	3	0	0	41
0815-0830	34	10	2	0	1	1	0	48
0830-0845	54	7	2	2	1	1	0	67
0845-0900	25	6	2	0	1	0	0	34
Hourly Total	145	26	7	4	6	2	0	190
0900-0915	19	8	1	1	0	0	0	29
0915-0930	32	11	3	0	0	0	0	46
0930-0945	27	7	0	0	1	0	0	35
0945-1000	37	5	2	0	2	0	0	46
Hourly Total	115	31	6	1	3	0	0	156
3 Hour Totals (am)	344	77	15	5	16	2	0	459
1500-1515	65	5	1	0	1	0	0	72
1515-1530	43	3	0	0	1	0	0	47
1530-1545	54	8	0	0	5	0	0	67
1545-1600	47	5	0	0	0	0	0	52
Hourly Total	209	21	1	0	7	0	0	238
1600-1615	39	6	0	0	1	0	0	46
1615-1630	50	5	0	0	0	0	0	55
1630-1645	66	5	1	0	1	0	0	73
1645-1700	46	3	0	0	0	0	0	49
Hourly Total	201	19	1	0	2	0	0	223
1700-1715	62	3	0	0	1	0	0	66
1715-1730	46	7	0	1	0	1	0	55
1730-1745	71	5	1	0	1	1	0	79
1745-1800	64	0	0	0	0	0	0	64
Hourly Total	243	15	1	1	2	2	0	264
1800-1815	53	9	0	2	0	1	0	65
1815-1830	37	6	0	0	0	0	0	43
1830-1845	67	1	0	0	1	0	0	69
1845-1900	27	1	0	0	0	0	0	28
Hourly Total	184	17	0	2	1	1	0	205
4 Hour Totals (pm)	837	72	3	3	12	3	0	930
Day Total	1181	149	18	8	28	5	0	1389

Arm D - Arm F

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	25	15	0	0	0	0	0	40
0715-0730	47	19	2	3	0	0	0	71
0730-0745	84	23	0	1	0	0	0	108
0745-0800	87	26	1	3	0	0	0	117
Hourly Total	243	83	3	7	0	0	0	336
0800-0815	51	16	2	1	0	0	0	70
0815-0830	69	9	0	4	0	0	0	82
0830-0845	39	16	2	2	0	0	0	59
0845-0900	57	33	2	2	4	0	0	98
Hourly Total	216	74	6	9	4	0	0	309
0900-0915	48	28	3	2	0	0	0	81
0915-0930	46	18	2	0	2	0	0	68
0930-0945	39	15	1	3	0	0	0	58
0945-1000	31	10	5	1	1	0	0	48
Hourly Total	164	71	11	6	3	0	0	255
3 Hour Totals (am)	623	228	20	22	7	0	0	900
1500-1515	37	6	0	3	0	0	0	46
1515-1530	49	4	0	3	0	0	0	56
1530-1545	40	10	2	3	0	0	0	55
1545-1600	47	10	0	3	0	0	0	60
Hourly Total	173	30	2	12	0	0	0	217
1600-1615	69	14	0	0	0	0	0	83
1615-1630	77	5	0	1	0	0	0	83
1630-1645	67	10	3	0	1	0	0	81
1645-1700	64	9	0	1	0	0	0	74
Hourly Total	277	38	3	2	1	0	0	321
1700-1715	80	10	2	3	0	0	0	95
1715-1730	108	6	1	0	0	0	0	115
1730-1745	94	6	1	3	0	0	0	104
1745-1800	68	7	0	0	0	0	0	75
Hourly Total	350	29	4	6	0	0	0	389
1800-1815	74	4	0	0	0	1	0	79
1815-1830	67	3	1	0	2	0	0	73
1830-1845	42	7	0	1	0	1	0	51
1845-1900	38	5	0	1	0	0	0	44
Hourly Total	221	19	1	2	2	2	0	247
4 Hour Totals (pm)	1021	116	10	22	3	2	0	1174
Day Total	1644	344	30	44	10	2	0	2074

Arm D - Arm Total

Time	Arm Total
0700-0715	277
0715-0730	387
0730-0745	417
0745-0800	454
Hourly Total	1535
0800-0815	414
0815-0830	423
0830-0845	397
0845-0900	385
Hourly Total	1619
0900-0915	303
0915-0930	294
0930-0945	259
0945-1000	233
Hourly Total	1089
3 Hour Totals (am)	4243
1500-1515	327
1515-1530	277
1530-1545	348
1545-1600	312
Hourly Total	1264
1600-1615	382
1615-1630	364
1630-1645	373
1645-1700	352
Hourly Total	1471
1700-1715	390
1715-1730	386
1730-1745	360
1745-1800	287
Hourly Total	1423
1800-1815	300
1815-1830	254
1830-1845	241
1845-1900	175
Hourly Total	970
4 Hour Totals (pm)	5128
Day Total	9371

Arm E - Arm A

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	2	1	0	0	0	0	0	3
0715-0730	3	2	0	0	0	0	0	5
0730-0745	1	3	0	0	0	0	0	4
0745-0800	2	2	0	0	0	0	0	4
Hourly Total	8	8	0	0	0	0	0	16
0800-0815	4	1	0	0	0	0	0	5
0815-0830	2	0	0	0	0	0	0	2
0830-0845	5	2	0	0	0	0	0	7
0845-0900	1	3	1	0	0	0	0	5
Hourly Total	12	6	1	0	0	0	0	19
0900-0915	3	0	0	1	0	0	0	4
0915-0930	2	0	0	0	0	0	0	2
0930-0945	1	0	2	2	0	0	0	5
0945-1000	3	0	2	0	0	0	0	5
Hourly Total	9	0	4	3	0	0	0	16
3 Hour Totals (am)	29	14	5	3	0	0	0	51
1500-1515	4	2	0	0	0	0	0	6
1515-1530	5	0	0	0	0	0	0	5
1530-1545	4	0	0	0	0	0	0	4
1545-1600	2	2	0	0	0	0	0	4
Hourly Total	15	4	0	0	0	0	0	19
1600-1615	3	1	0	0	0	0	0	4
1615-1630	5	0	0	0	0	0	0	5
1630-1645	4	3	0	0	0	0	0	7
1645-1700	2	0	0	0	0	0	0	2
Hourly Total	14	4	0	0	0	0	0	18
1700-1715	3	3	0	1	0	0	0	7
1715-1730	4	0	0	0	0	0	0	4
1730-1745	2	1	0	0	0	0	0	3
1745-1800	1	0	0	0	0	0	0	1
Hourly Total	10	4	0	1	0	0	0	15
1800-1815	2	0	1	0	0	0	0	3
1815-1830	1	0	0	0	0	0	0	1
1830-1845	2	0	0	0	0	0	0	2
1845-1900	1	0	0	0	0	0	0	1
Hourly Total	6	0	1	0	0	0	0	7
4 Hour Totals (pm)	45	12	1	1	0	0	0	59
Day Total	74	26	6	4	0	0	0	110

Arm E - Arm B

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	99	7	0	1	0	0	0	107
0715-0730	94	18	1	1	0	1	0	115
0730-0745	77	13	0	1	0	0	0	91
0745-0800	62	18	0	1	1	0	0	82
Hourly Total	332	56	1	4	1	1	0	395
0800-0815	98	12	3	2	0	0	0	115
0815-0830	76	15	0	2	0	0	0	93
0830-0845	83	12	6	4	0	0	0	105
0845-0900	54	16	4	0	0	0	0	74
Hourly Total	311	55	13	8	0	0	0	387
0900-0915	95	14	4	1	1	0	0	115
0915-0930	52	11	1	1	0	0	0	65
0930-0945	45	19	4	3	1	0	0	72
0945-1000	51	6	2	2	0	0	0	61
Hourly Total	243	50	11	7	2	0	0	313
3 Hour Totals (am)	886	161	25	19	3	1	0	1095
1500-1515	75	26	7	1	0	0	0	109
1515-1530	52	17	3	2	1	0	0	75
1530-1545	72	7	2	2	1	0	0	84
1545-1600	75	17	0	0	2	3	0	97
Hourly Total	274	67	12	5	4	3	0	365
1600-1615	65	15	0	0	2	0	0	82
1615-1630	72	17	3	0	0	0	0	92
1630-1645	79	18	3	0	0	0	0	100
1645-1700	74	10	1	1	0	2	0	88
Hourly Total	290	60	7	1	2	2	0	362
1700-1715	80	13	1	1	0	0	0	95
1715-1730	108	15	2	0	0	4	0	129
1730-1745	69	10	0	0	0	0	0	79
1745-1800	64	7	0	2	0	0	0	73
Hourly Total	321	45	3	3	0	4	0	376
1800-1815	56	11	0	0	0	0	0	67
1815-1830	49	8	0	0	0	0	0	57
1830-1845	53	6	0	0	1	0	0	60
1845-1900	50	12	0	0	0	0	0	62
Hourly Total	208	37	0	0	1	0	0	246
4 Hour Totals (pm)	1093	209	22	9	7	9	0	1349
Day Total	1979	370	47	28	10	10	0	2444

Arm E - Arm C

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	22	1	0	0	0	0	0	23
0715-0730	40	1	0	0	0	0	0	41
0730-0745	58	3	0	0	0	1	0	62
0745-0800	59	0	1	0	0	1	0	61
Hourly Total	179	5	1	0	0	2	0	187
0800-0815	30	4	0	0	0	3	0	37
0815-0830	42	2	0	0	0	1	0	45
0830-0845	28	1	0	0	0	0	0	29
0845-0900	30	1	0	0	0	0	0	31
Hourly Total	130	8	0	0	0	4	0	142
0900-0915	22	4	1	0	0	0	0	27
0915-0930	15	0	0	0	0	1	0	16
0930-0945	13	0	0	0	0	0	0	13
0945-1000	11	3	0	1	1	0	0	16
Hourly Total	61	7	1	1	1	1	0	72
3 Hour Totals (am)	370	20	2	1	1	7	0	401
1500-1515	8	2	0	0	0	0	0	10
1515-1530	16	1	0	0	0	0	0	17
1530-1545	16	2	0	0	2	1	0	21
1545-1600	22	4	0	0	1	1	0	28
Hourly Total	62	9	0	0	3	2	0	76
1600-1615	13	3	0	0	2	0	0	18
1615-1630	15	3	0	0	0	0	0	18
1630-1645	11	0	0	0	0	0	0	11
1645-1700	13	2	0	0	0	0	0	15
Hourly Total	52	8	0	0	2	0	0	62
1700-1715	18	2	0	0	0	0	0	20
1715-1730	18	0	0	0	0	0	0	18
1730-1745	11	1	0	0	0	1	0	13
1745-1800	17	0	0	0	0	0	0	17
Hourly Total	64	3	0	0	0	1	0	68
1800-1815	8	2	0	0	1	0	0	11
1815-1830	8	0	0	0	0	0	0	8
1830-1845	10	0	0	0	0	0	0	10
1845-1900	8	1	0	0	0	0	0	9
Hourly Total	34	3	0	0	1	0	0	38
4 Hour Totals (pm)	212	23	0	0	6	3	0	244
Day Total	582	43	2	1	7	10	0	645

Arm E - Arm D

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	92	1	2	0	2	0	0	97
0715-0730	108	5	0	1	0	1	0	115
0730-0745	86	4	0	0	0	0	0	90
0745-0800	92	2	0	0	0	1	0	95
Hourly Total	378	12	2	1	2	2	0	397
0800-0815	94	8	3	0	2	2	0	109
0815-0830	103	12	0	1	1	0	0	117
0830-0845	76	8	2	2	0	0	0	88
0845-0900	66	9	4	0	2	0	0	81
Hourly Total	339	37	9	3	5	2	0	395
0900-0915	74	9	2	0	0	1	0	86
0915-0930	37	2	0	1	1	1	0	42
0930-0945	62	2	3	0	1	0	0	68
0945-1000	44	1	2	1	1	0	0	49
Hourly Total	217	14	7	2	3	2	0	245
3 Hour Totals (am)	934	63	18	6	10	6	0	1037
1500-1515	31	9	0	0	0	0	0	40
1515-1530	63	11	0	1	1	0	0	76
1530-1545	54	10	1	0	3	1	0	69
1545-1600	79	12	0	1	0	4	0	96
Hourly Total	227	42	1	2	4	5	0	281
1600-1615	46	11	3	0	1	0	0	61
1615-1630	70	12	1	0	0	3	0	86
1630-1645	57	14	2	0	2	0	0	75
1645-1700	68	8	0	2	0	1	0	79
Hourly Total	241	45	6	2	3	4	0	301
1700-1715	66	6	0	0	0	0	0	72
1715-1730	77	8	0	0	1	0	0	86
1730-1745	61	8	0	0	0	0	0	69
1745-1800	80	4	0	1	0	0	0	85
Hourly Total	284	26	0	1	1	0	0	312
1800-1815	61	4	0	0	0	0	0	65
1815-1830	68	3	0	0	1	0	0	72
1830-1845	56	5	0	0	0	0	0	61
1845-1900	53	0	0	0	0	0	0	53
Hourly Total	238	12	0	0	1	0	0	251
4 Hour Totals (pm)	990	125	7	5	9	9	0	1145
Day Total	1924	188	25	11	19	15	0	2182

Arm E - Arm E

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm E - Arm F

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	8	1	0	0	0	0	0	9
0715-0730	7	4	0	0	0	0	0	11
0730-0745	6	2	0	0	0	0	0	8
0745-0800	3	0	0	0	0	0	0	3
Hourly Total	24	7	0	0	0	0	0	31
0800-0815	16	7	2	0	0	0	0	25
0815-0830	16	9	0	1	0	0	0	26
0830-0845	16	7	0	1	0	0	0	24
0845-0900	15	2	4	1	0	0	0	22
Hourly Total	63	25	6	3	0	0	0	97
0900-0915	14	4	0	0	1	0	0	19
0915-0930	9	3	1	0	0	0	0	13
0930-0945	7	6	0	0	0	0	0	13
0945-1000	16	1	1	0	0	0	0	18
Hourly Total	46	14	2	0	1	0	0	63
3 Hour Totals (am)	133	46	8	3	1	0	0	191
1500-1515	11	2	1	0	0	0	0	14
1515-1530	9	3	0	0	0	0	0	12
1530-1545	14	0	0	0	1	0	0	15
1545-1600	14	2	1	0	0	4	0	21
Hourly Total	48	7	2	0	1	4	0	62
1600-1615	8	5	1	0	0	0	0	14
1615-1630	9	3	1	0	0	0	0	13
1630-1645	21	5	1	0	0	0	0	27
1645-1700	16	3	0	1	0	0	0	20
Hourly Total	54	16	3	1	0	0	0	74
1700-1715	28	2	0	0	0	0	0	30
1715-1730	15	2	0	1	0	0	0	18
1730-1745	5	1	0	0	0	0	0	6
1745-1800	11	1	0	0	0	0	0	12
Hourly Total	59	6	0	1	0	0	0	66
1800-1815	8	0	0	0	0	0	0	8
1815-1830	9	0	0	0	0	0	0	9
1830-1845	2	0	0	0	0	0	0	2
1845-1900	4	0	0	0	0	0	0	4
Hourly Total	23	0	0	0	0	0	0	23
4 Hour Totals (pm)	184	29	5	2	1	4	0	225
Day Total	317	75	13	5	2	4	0	416

Arm E - Arm Total

Time	Arm Total
0700-0715	239
0715-0730	287
0730-0745	255
0745-0800	245
Hourly Total	1026
0800-0815	291
0815-0830	283
0830-0845	253
0845-0900	213
Hourly Total	1040
0900-0915	251
0915-0930	138
0930-0945	171
0945-1000	149
Hourly Total	709
3 Hour Totals (am)	2775
1500-1515	179
1515-1530	185
1530-1545	193
1545-1600	246
Hourly Total	803
1600-1615	179
1615-1630	214
1630-1645	220
1645-1700	204
Hourly Total	817
1700-1715	224
1715-1730	255
1730-1745	170
1745-1800	188
Hourly Total	837
1800-1815	154
1815-1830	147
1830-1845	135
1845-1900	129
Hourly Total	565
4 Hour Totals (pm)	3022
Day Total	5797

Arm F - Arm A

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	4	1	0	1	0	0	0	6
0715-0730	6	2	2	2	0	0	0	12
0730-0745	9	2	0	3	0	0	0	14
0745-0800	5	1	1	2	0	0	0	9
Hourly Total	24	6	3	8	0	0	0	41
0800-0815	8	8	0	2	0	0	0	18

Arm F - Arm B

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0

Arm F - Arm C

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	3	0	0	0	0	0	0	3
0715-0730	2	0	0	0	0	0	0	2
0730-0745	1	1	0	0	0	0	0	2
0745-0800	4	0	0	0	0	0	0	4
Hourly Total	10	1	0	0	0	0	0	11
0800-0815	5	1	0	0	0	0	0	6

Arm F - Arm D

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	57	18	0	3	0	0	0	78
0715-0730	99	23	3	0	0	1	0	126
0730-0745	127	16	2	3	0	0	0	148
0745-0800	146	25	2	1	0	1	0	175
Hourly Total	429	82	7	7	0	2	0	527
0800-0815	111	23	3	0	0	1	0	138

Arm F - Arm E

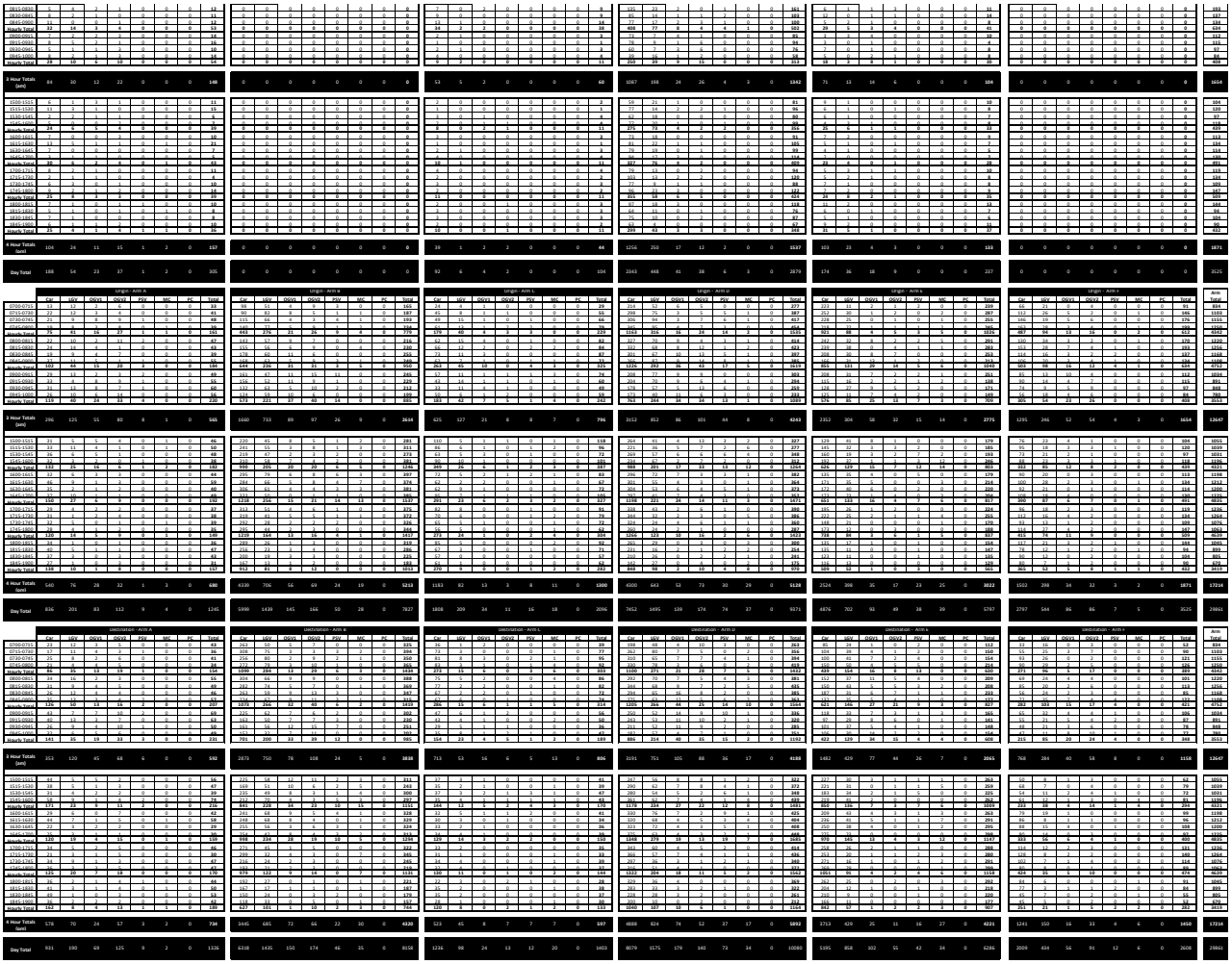
Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	2	2	0	0	0	0	0	4
0715-0730	5	1	0	0	0	0	0	6
0730-0745	9	0	3	0	0	0	0	12
0745-0800	8	2	0	1	0	0	0	11
Hourly Total	24	5	3	1	0	0	0	33
0800-0815	6	2	0	0	0	0	0	8

Arm F - Arm F

Time	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0

Arm F - Arm Total

Time	Arm Total
0700-0715	91
0715-0730	146
0730-0745	176
0745-0800	199
Hourly Total	612
0800-0815	170



Severnside Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 8

Arm A - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	0	0	0	0	0	0	0
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	0	0	0	0	0	0	0

Arm A - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	83	6	1	0	1	0	0	91
0715-0730	98	8	2	0	0	1	0	109
0730-0745	69	8	1	1	0	0	0	79
0745-0800	50	1	0	0	1	1	0	53
Hourly Total	300	23	4	1	2	2	0	332
0800-0815	68	6	0	0	0	1	0	75
0815-0830	73	4	0	0	1	0	0	78
0830-0845	67	5	3	0	1	0	0	76
0845-0900	50	5	2	0	1	0	0	58
Hourly Total	258	20	5	0	3	1	0	287
0900-0915	91	7	1	0	1	1	0	101
0915-0930	47	3	0	0	0	1	0	51
0930-0945	48	5	1	1	0	0	0	55
0945-1000	49	3	0	0	1	0	0	53
Hourly Total	235	18	2	1	2	2	0	260
3 Hour Totals (am)	793	61	11	2	7	5	0	879
1500-1515	65	10	0	0	0	0	0	75
1515-1530	44	7	0	0	3	0	0	54
1530-1545	89	8	1	0	1	0	0	99
1545-1600	54	7	0	1	0	0	0	62
Hourly Total	252	32	1	1	4	0	0	290
1600-1615	61	10	0	0	1	0	0	72
1615-1630	72	6	0	0	0	0	0	78
1630-1645	68	5	0	0	0	0	0	73
1645-1700	37	4	0	0	0	0	0	41
Hourly Total	238	25	0	0	1	0	0	264
1700-1715	41	4	0	0	1	0	0	46
1715-1730	41	3	0	0	0	0	0	44
1730-1745	56	3	0	0	0	0	0	59
1745-1800	88	0	0	1	0	0	0	89
Hourly Total	226	10	0	1	1	0	0	238
1800-1815	81	7	0	0	1	0	0	89
1815-1830	67	4	0	0	0	0	0	71
1830-1845	71	2	0	0	0	0	0	73
1845-1900	64	2	0	0	0	0	0	66
Hourly Total	283	15	0	0	1	0	0	299
4 Hour Totals (pm)	999	82	1	2	7	0	0	1091
Day Total	1792	143	12	4	14	5	0	1970

Arm A - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	1	0	0	0	0	0	0	1
0730-0745	1	0	0	0	0	0	0	1
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	2	0	0	0	0	0	0	2
0800-0815	2	0	0	0	0	0	0	2
0815-0830	0	0	0	0	0	0	0	0
0830-0845	2	0	0	0	0	0	0	2
0845-0900	3	1	0	0	0	0	0	4
Hourly Total	7	1	0	0	0	0	0	8
0900-0915	0	1	1	0	0	0	0	2
0915-0930	5	0	0	0	0	0	0	5
0930-0945	0	1	0	0	0	0	0	1
0945-1000	2	1	0	0	0	0	0	3
Hourly Total	7	3	1	0	0	0	0	11
3 Hour Totals (am)	16	4	1	0	0	0	0	21
1500-1515	0	0	0	0	0	0	0	0
1515-1530	1	0	0	0	0	0	0	1
1530-1545	2	3	0	0	1	0	0	6
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	3	3	0	0	1	0	0	7
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	1	0	0	0	0	0	0	1
1645-1700	2	0	0	0	0	0	0	2
Hourly Total	3	0	0	0	0	0	0	3
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	1	0	0	0	0	0	0	1
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	0	0	0	0	1
4 Hour Totals (pm)	7	3	0	0	1	0	0	11
Day Total	23	7	1	0	1	0	0	32

Arm A - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	12	1	0	0	0	0	0	13
0715-0730	23	4	1	0	0	0	0	28
0730-0745	15	2	0	0	0	0	0	17
0745-0800	11	0	0	0	0	0	0	11
Hourly Total	61	7	1	0	0	0	0	69
0800-0815	13	0	0	0	1	1	0	15
0815-0830	21	1	1	0	1	0	1	25
0830-0845	21	1	0	0	1	0	0	23
0845-0900	26	1	0	0	0	0	0	27
Hourly Total	81	3	1	0	3	1	1	90
0900-0915	25	4	3	0	1	0	0	33
0915-0930	21	1	0	0	0	0	0	22
0930-0945	14	2	0	0	0	0	0	16
0945-1000	14	3	0	0	0	0	0	17
Hourly Total	74	10	3	0	1	0	0	88
3 Hour Totals (am)	216	20	5	0	4	1	1	247
1500-1515	8	0	0	0	0	0	0	8
1515-1530	9	0	0	0	0	0	0	9
1530-1545	3	0	0	0	2	0	0	5
1545-1600	7	2	0	0	1	0	0	10
Hourly Total	27	2	0	0	3	0	0	32
1600-1615	12	3	0	0	1	0	0	16
1615-1630	2	3	0	0	0	0	0	5
1630-1645	5	0	0	0	0	0	0	5
1645-1700	5	0	0	0	0	0	0	5
Hourly Total	24	6	0	0	1	0	0	31
1700-1715	7	0	0	0	0	0	0	7
1715-1730	3	0	0	0	0	0	0	3
1730-1745	7	0	0	0	0	0	0	7
1745-1800	6	0	0	0	0	0	0	6
Hourly Total	23	0	0	0	0	0	0	23
1800-1815	5	0	0	0	0	0	0	5
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	1	0	0	0	0	0	0	1
Hourly Total	6	0	0	0	0	0	0	6
4 Hour Totals (pm)	80	8	0	0	4	0	0	92
Day Total	296	28	5	0	8	1	1	339

	Arm Total
0700-0715	104
0715-0730	138
0730-0745	97
0745-0800	64
Hourly Total	403
0800-0815	92
0815-0830	103
0830-0845	101
0845-0900	89
Hourly Total	385
0900-0915	136
0915-0930	78
0930-0945	72
0945-1000	73
Hourly Total	359
3 Hour Totals (am)	1147
1500-1515	83
1515-1530	64
1530-1545	110
1545-1600	72
Hourly Total	329
1600-1615	88
1615-1630	83
1630-1645	79
1645-1700	48
Hourly Total	298
1700-1715	53
1715-1730	47
1730-1745	66
1745-1800	95
Hourly Total	261
1800-1815	95
1815-1830	71
1830-1845	73
1845-1900	67
Hourly Total	306
4 Hour Totals (pm)	1194
Day Total	2341

Arm B - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	25	1	0	0	0	0	0	26
0715-0730	19	5	0	0	2	0	0	26
0730-0745	21	6	2	0	2	0	0	31
0745-0800	31	8	1	0	5	0	0	45
Hourly Total	96	20	3	0	9	0	0	128
0800-0815	26	6	6	0	3	0	0	41
0815-0830	36	8	1	0	0	0	0	45
0830-0845	36	9	2	1	1	1	0	50
0845-0900	24	5	2	0	0	0	0	31
Hourly Total	122	28	11	1	4	1	0	167
0900-0915	29	7	2	0	1	0	0	39
0915-0930	22	9	4	0	0	0	0	35
0930-0945	29	7	0	0	1	0	0	37
0945-1000	26	4	3	0	1	0	0	34
Hourly Total	106	27	9	0	3	0	0	145
3 Hour Totals (am)	324	75	23	1	16	1	0	440
1500-1515	76	4	2	0	1	0	0	83
1515-1530	60	6	0	0	0	1	0	67
1530-1545	51	8	0	0	1	1	0	61
1545-1600	80	9	0	0	1	0	0	90
Hourly Total	267	27	2	0	3	2	0	301
1600-1615	65	10	0	1	1	0	0	77
1615-1630	68	13	1	0	0	2	0	84
1630-1645	105	8	0	0	0	0	0	113
1645-1700	88	7	0	0	1	0	0	96
Hourly Total	326	38	1	1	2	2	0	370
1700-1715	93	4	0	0	1	0	0	98
1715-1730	111	2	0	0	1	0	0	114
1730-1745	98	4	1	0	1	1	0	105
1745-1800	89	5	0	0	0	1	0	95
Hourly Total	391	15	1	0	3	2	0	412
1800-1815	87	14	1	1	0	0	0	103
1815-1830	73	4	0	0	0	0	0	77
1830-1845	77	1	0	0	1	0	0	79
1845-1900	48	0	0	0	0	0	0	48
Hourly Total	285	19	1	1	1	0	0	307
4 Hour Totals (pm)	1269	99	5	2	9	6	0	1390
Day Total	1593	174	28	3	25	7	0	1830

Arm B - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	3	0	0	0	0	0	0	3
Hourly Total	3	0	0	0	0	0	0	3
0800-0815	2	0	0	0	0	0	0	2
0815-0830	3	0	0	0	0	0	0	3
0830-0845	5	1	0	0	0	0	0	6
0845-0900	4	0	0	0	0	0	0	4
Hourly Total	14	1	0	0	0	0	0	15
0900-0915	1	0	0	0	0	0	0	1
0915-0930	0	0	0	0	0	0	0	0
0930-0945	1	0	0	0	0	0	0	1
0945-1000	0	0	1	0	0	0	0	1
Hourly Total	2	0	1	0	0	0	0	3
3 Hour Totals (am)	19	1	1	0	0	0	0	21
1500-1515	6	0	0	0	0	0	0	6
1515-1530	4	0	0	0	0	0	0	4
1530-1545	1	0	0	0	0	0	0	1
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	11	0	0	0	0	0	0	11
1600-1615	0	0	0	0	0	0	0	0
1615-1630	1	0	0	0	0	0	0	1
1630-1645	1	0	0	0	0	0	0	1
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	2	0	0	0	0	0	0	2
1700-1715	0	0	0	0	0	0	0	0
1715-1730	1	0	0	0	0	0	0	1
1730-1745	1	0	0	0	0	0	0	1
1745-1800	1	0	0	0	0	0	0	1
Hourly Total	3	0	0	0	0	0	0	3
1800-1815	1	0	0	0	0	0	0	1
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	1	0	0	0	0	0	0	1
Hourly Total	2	0	0	0	0	0	0	2
4 Hour Totals (pm)	18	0	0	0	0	0	0	18
Day Total	37	1	1	0	0	0	0	39

Arm B - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	3	4	0	0	0	0	0	7
0715-0730	5	7	0	0	0	0	0	12
0730-0745	5	7	0	0	0	0	0	12
0745-0800	8	3	0	1	1	0	0	13
Hourly Total	21	21	0	1	1	0	0	44
0800-0815	11	3	1	0	1	0	0	16
0815-0830	5	3	0	0	2	0	0	10
0830-0845	7	2	0	0	0	0	0	9
0845-0900	9	1	0	0	0	0	0	10
Hourly Total	32	9	1	0	3	0	0	45
0900-0915	3	0	0	0	0	0	0	3
0915-0930	6	1	0	1	0	0	0	8
0930-0945	2	1	0	0	0	0	0	3
0945-1000	5	5	1	0	0	0	0	11
Hourly Total	16	7	1	1	0	0	0	25
3 Hour Totals (am)	69	37	2	2	4	0	0	114
1500-1515	21	6	0	0	0	0	0	27
1515-1530	18	0	0	0	0	0	0	18
1530-1545	24	2	0	0	1	0	0	27
1545-1600	15	0	0	0	0	0	0	15
Hourly Total	78	8	0	0	1	0	0	87
1600-1615	9	2	0	0	0	0	0	11
1615-1630	12	2	0	0	0	0	0	14
1630-1645	15	4	1	0	0	0	0	20
1645-1700	23	2	0	1	0	0	0	26
Hourly Total	59	10	1	1	0	0	0	71
1700-1715	17	3	0	0	0	0	0	20
1715-1730	25	1	0	0	1	0	0	27
1730-1745	14	1	0	0	0	0	0	15
1745-1800	20	0	0	0	0	0	0	20
Hourly Total	76	5	0	0	1	0	0	82
1800-1815	14	1	0	0	0	0	0	15
1815-1830	15	0	0	0	0	0	0	15
1830-1845	7	0	0	0	0	0	0	7
1845-1900	3	0	0	0	0	0	0	3
Hourly Total	39	1	0	0	0	0	0	40
4 Hour Totals (pm)	252	24	1	1	2	0	0	280
Day Total	321	61	3	3	6	0	0	394

Arm B - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	41	17	0	0	2	0	0	60
0715-0730	72	22	5	0	0	0	0	99
0730-0745	64	28	7	2	2	0	0	103
0745-0800	90	31	2	4	0	0	0	127
Hourly Total	267	98	14	6	4	0	0	389
0800-0815	96	25	6	4	0	0	0	131
0815-0830	91	26	4	4	1	2	0	128
0830-0845	119	19	3	3	0	0	0	144
0845-0900	103	24	3	5	0	0	0	135
Hourly Total	409	94	16	16	1	2	0	538
0900-0915	87	27	1	3	1	1	0	120
0915-0930	59	19	6	5	1	1	0	91
0930-0945	71	25	5	4	0	0	0	105
0945-1000	62	19	8	2	1	0	0	92
Hourly Total	279	90	20	14	3	2	0	408
3 Hour Totals (am)	955	282	50	36	8	4	0	1335
1500-1515	119	20	1	1	0	0	0	141
1515-1530	129	17	1	0	0	2	0	149
1530-1545	115	25	1	3	3	1	0	148
1545-1600	121	22	4	2	0	1	0	150
Hourly Total	484	84	7	6	3	4	0	588
1600-1615	110	25	3	2	1	3	0	144
1615-1630	132	23	2	2	0	6	0	165
1630-1645	134	21	3	0	0	0	0	158
1645-1700	153	15	0	0	0	1	0	169
Hourly Total	529	84	8	4	1	10	0	636
1700-1715	127	12	2	1	0	0	1	143
1715-1730	126	19	2	0	0	1	0	148
1730-1745	139	13	0	0	0	0	0	152
1745-1800	130	20	0	0	0	0	0	150
Hourly Total	522	64	4	1	0	1	1	593
1800-1815	149	14	0	0	0	3	0	166
1815-1830	130	8	0	0	1	0	0	139
1830-1845	100	6	0	0	0	0	0	106
1845-1900	110	9	0	0	0	0	0	119
Hourly Total	489	37	0	0	1	3	0	530
4 Hour Totals (pm)	2024	269	19	11	5	18	1	2347
Day Total	2979	551	69	47	13	22	1	3682

	Arm Total
0700-0715	93
0715-0730	137
0730-0745	146
0745-0800	188
Hourly Total	564
0800-0815	190
0815-0830	186
0830-0845	209
0845-0900	180
Hourly Total	765
0900-0915	163
0915-0930	134
0930-0945	146
0945-1000	138
Hourly Total	581
3 Hour Totals (am)	1910
1500-1515	257
1515-1530	238
1530-1545	237
1545-1600	255
Hourly Total	987
1600-1615	232
1615-1630	264
1630-1645	292
1645-1700	291
Hourly Total	1079
1700-1715	261
1715-1730	290
1730-1745	273
1745-1800	266
Hourly Total	1090
1800-1815	285
1815-1830	231
1830-1845	192
1845-1900	171
Hourly Total	879
4 Hour Totals (pm)	4035
Day Total	5945

Arm C - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	1	0	0	0	0	0	0	1
0715-0730	2	0	0	0	0	0	0	2
0730-0745	2	0	0	0	0	0	0	2
0745-0800	1	1	0	0	0	0	0	2
Hourly Total	6	1	0	0	0	0	0	7
0800-0815	4	1	0	0	1	0	0	6
0815-0830	7	0	0	0	0	0	0	7
0830-0845	2	0	0	0	0	0	0	2
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	13	1	0	0	1	0	0	15
0900-0915	2	0	0	0	0	0	0	2
0915-0930	5	0	0	0	0	0	0	5
0930-0945	2	2	0	0	0	0	0	4
0945-1000	1	0	1	0	0	0	0	2
Hourly Total	10	2	1	0	0	0	0	13
3 Hour Totals (am)	29	4	1	0	1	0	0	35
1500-1515	5	1	0	0	0	0	0	6
1515-1530	5	1	0	0	0	0	0	6
1530-1545	5	2	0	0	1	0	0	8
1545-1600	4	1	0	0	1	0	0	6
Hourly Total	19	5	0	0	2	0	0	26
1600-1615	3	0	0	0	0	0	0	3
1615-1630	4	1	0	0	0	0	0	5
1630-1645	5	2	0	0	0	0	0	7
1645-1700	7	1	0	0	0	0	0	8
Hourly Total	19	4	0	0	0	0	0	23
1700-1715	7	2	0	0	0	0	0	9
1715-1730	7	0	0	0	0	0	0	7
1730-1745	8	0	0	0	0	0	0	8
1745-1800	5	0	0	0	0	0	0	5
Hourly Total	27	2	0	0	0	0	0	29
1800-1815	9	1	0	0	0	0	0	10
1815-1830	9	1	0	0	0	0	0	10
1830-1845	4	0	0	0	0	0	0	4
1845-1900	5	0	0	0	0	0	0	5
Hourly Total	27	2	0	0	0	0	0	29
4 Hour Totals (pm)	92	13	0	0	2	0	0	107
Day Total	121	17	1	0	3	0	0	142

Arm C - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	16	3	0	0	0	0	0	19
0715-0730	19	6	0	0	0	0	0	25
0730-0745	27	1	0	0	0	0	0	28
0745-0800	18	2	0	0	0	0	0	20
Hourly Total	80	12	0	0	0	0	0	92
0800-0815	26	5	0	0	0	0	0	31
0815-0830	15	2	0	0	0	0	0	17
0830-0845	23	5	1	1	0	0	0	30
0845-0900	19	2	0	0	0	0	0	21
Hourly Total	83	14	1	1	0	0	0	99
0900-0915	22	3	2	0	0	0	0	27
0915-0930	11	2	1	0	0	0	0	14
0930-0945	17	7	1	0	0	0	0	25
0945-1000	10	3	0	0	1	0	0	14
Hourly Total	60	15	4	0	1	0	0	80
3 Hour Totals (am)	223	41	5	1	1	0	0	271
1500-1515	14	2	1	0	0	0	0	17
1515-1530	12	2	0	0	0	0	0	14
1530-1545	17	4	0	0	1	0	0	22
1545-1600	20	2	1	0	1	0	0	24
Hourly Total	63	10	2	0	2	0	0	77
1600-1615	11	6	1	0	1	0	0	19
1615-1630	14	2	0	0	0	2	0	18
1630-1645	12	3	0	0	0	0	0	15
1645-1700	10	2	0	0	0	0	0	12
Hourly Total	47	13	1	0	1	2	0	64
1700-1715	20	4	0	0	0	0	0	24
1715-1730	15	2	0	0	0	0	0	17
1730-1745	8	2	0	0	0	0	0	10
1745-1800	14	1	0	0	0	0	0	15
Hourly Total	57	9	0	0	0	0	0	66
1800-1815	18	1	0	0	1	0	0	20
1815-1830	17	2	0	0	0	0	0	19
1830-1845	19	1	0	0	0	0	0	20
1845-1900	23	0	0	0	0	0	0	23
Hourly Total	77	4	0	0	1	0	0	82
4 Hour Totals (pm)	244	36	3	0	4	2	0	289
Day Total	467	77	8	1	5	2	0	560

Arm C - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	1	0	0	0	0	0	1
0745-0800	0	0	0	0	0	0	0	0
Hourly Total	0	1	0	0	0	0	0	1
0800-0815	0	0	0	0	0	0	0	0
0815-0830	0	0	0	0	0	0	0	0
0830-0845	0	0	0	0	0	0	0	0
0845-0900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
0900-0915	0	0	0	0	0	0	0	0
0915-0930	0	0	0	0	0	0	0	0
0930-0945	0	0	0	0	0	0	0	0
0945-1000	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
3 Hour Totals (am)	0	1	0	0	0	0	0	1
1500-1515	0	0	0	0	0	0	0	0
1515-1530	0	0	0	0	0	0	0	0
1530-1545	0	0	0	0	0	0	0	0
1545-1600	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1600-1615	0	0	0	0	0	0	0	0
1615-1630	0	0	0	0	0	0	0	0
1630-1645	0	0	0	0	0	0	0	0
1645-1700	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1700-1715	0	0	0	0	0	0	0	0
1715-1730	0	0	0	0	0	0	0	0
1730-1745	0	0	0	0	0	0	0	0
1745-1800	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
1800-1815	0	0	0	0	0	0	0	0
1815-1830	0	0	0	0	0	0	0	0
1830-1845	0	0	0	0	0	0	0	0
1845-1900	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0
4 Hour Totals (pm)	0	0	0	0	0	0	0	0
Day Total	0	1	0	0	0	0	0	1

Arm C - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	5	2	0	0	0	0	0	7
0715-0730	2	3	0	0	0	0	0	5
0730-0745	7	1	0	0	0	0	0	8
0745-0800	14	1	0	0	1	0	0	16
Hourly Total	28	7	0	0	1	0	0	36
0800-0815	9	1	0	0	1	0	0	11
0815-0830	18	2	0	0	2	0	0	22
0830-0845	18	4	0	0	0	0	0	22
0845-0900	17	2	0	1	0	0	0	20
Hourly Total	62	9	0	1	3	0	0	75
0900-0915	18	1	0	0	1	0	0	20
0915-0930	11	3	0	0	0	0	0	14
0930-0945	9	4	0	0	0	0	0	13
0945-1000	6	3	1	0	0	0	0	10
Hourly Total	44	11	1	0	1	0	0	57
3 Hour Totals (am)	134	27	1	1	5	0	0	168
1500-1515	5	2	0	0	0	0	0	7
1515-1530	23	2	0	0	0	0	0	25
1530-1545	17	2	0	0	0	0	0	19
1545-1600	15	2	0	0	0	0	0	17
Hourly Total	60	8	0	0	0	0	0	68
1600-1615	11	3	0	0	0	0	0	14
1615-1630	9	3	0	0	0	0	0	12
1630-1645	13	3	0	0	0	0	0	16
1645-1700	14	1	1	2	0	0	0	18
Hourly Total	47	10	1	2	0	0	0	60
1700-1715	12	3	0	0	0	0	0	15
1715-1730	8	2	0	0	0	0	0	10
1730-1745	13	1	0	0	1	1	0	16
1745-1800	8	1	0	0	0	0	0	9
Hourly Total	41	7	0	0	1	1	0	50
1800-1815	12	1	0	0	0	0	0	13
1815-1830	9	2	0	0	0	0	0	11
1830-1845	12	1	0	0	0	0	0	13
1845-1900	16	1	0	0	0	0	0	17
Hourly Total	49	5	0	0	0	0	0	54
4 Hour Totals (pm)	197	30	1	2	1	1	0	232
Day Total	331	57	2	3	6	1	0	400

	Arm Total
0700-0715	27
0715-0730	32
0730-0745	39
0745-0800	38
Hourly Total	136
0800-0815	48
0815-0830	46
0830-0845	54
0845-0900	41
Hourly Total	189
0900-0915	49
0915-0930	33
0930-0945	42
0945-1000	26
Hourly Total	150
3 Hour Totals (am)	475
1500-1515	30
1515-1530	45
1530-1545	49
1545-1600	47
Hourly Total	171
1600-1615	36
1615-1630	35
1630-1645	38
1645-1700	38
Hourly Total	147
1700-1715	48
1715-1730	34
1730-1745	34
1745-1800	29
Hourly Total	145
1800-1815	43
1815-1830	40
1830-1845	37
1845-1900	45
Hourly Total	165
4 Hour Totals (pm)	628
Day Total	1103

Arm D - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	4	1	0	0	0	0	0	5
0715-0730	4	3	0	0	0	0	0	7
0730-0745	9	1	0	0	0	0	0	10
0745-0800	5	1	0	0	0	0	0	6

Arm D - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	125	15	1	1	1	0	0	143
0715-0730	153	21	0	2	0	1	0	177
0730-0745	120	19	0	1	1	0	0	141
0745-0800	120	23	1	0	2	1	0	147

Arm D - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	2	0	0	0	0	0	0	2
0715-0730	2	1	0	0	0	0	0	3
0730-0745	0	0	0	0	1	0	0	1
0745-0800	2	1	0	0	0	0	0	3

Arm D - Arm D

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	0
0715-0730	0	0	0	0	0	0	0	0
0730-0745	0	0	0	0	0	0	0	0
0745-0800	0	0	0	0	0	0	0	0

	Arm Total
0700-0715	150
0715-0730	187
0730-0745	152
0745-0800	156

Hourly Total	22	6	0	0	0	0	0	28	518	78	2	4	4	2	0	608
0800-0815	8	2	0	0	1	0	0	11	135	20	7	2	0	1	0	165
0815-0830	19	0	0	0	1	0	0	20	141	23	1	4	0	2	0	171
0830-0845	17	4	2	0	0	0	0	23	107	19	4	4	1	0	0	135
0845-0900	19	3	2	0	0	0	0	24	116	29	10	3	2	0	0	160
Hourly Total	63	9	4	0	2	0	0	78	499	91	22	13	3	3	0	631
0900-0915	11	3	0	0	0	0	0	14	90	21	4	2	0	1	0	118
0915-0930	6	3	0	0	0	0	0	9	59	20	3	1	0	0	0	83
0930-0945	10	5	0	0	1	0	0	16	71	17	5	5	2	0	0	100
0945-1000	18	3	0	0	0	1	0	22	88	14	5	3	0	0	0	110
Hourly Total	45	14	0	0	1	1	0	61	308	72	17	11	2	1	0	411
3 Hour Totals (am)	130	29	4	0	3	1	0	167	1325	241	41	28	9	6	0	1650
1500-1515	43	1	0	0	0	0	0	44	94	22	5	1	0	0	0	122
1515-1530	21	3	0	0	2	2	0	28	94	17	4	3	1	0	0	119
1530-1545	41	5	0	0	0	0	0	46	80	19	2	2	3	1	0	107
1545-1600	23	3	0	0	0	0	0	26	114	22	1	0	2	5	0	144
Hourly Total	128	12	0	0	2	2	0	144	382	80	12	6	6	6	0	492
1600-1615	39	8	0	0	0	0	0	47	98	23	2	1	2	3	0	129
1615-1630	29	1	0	0	0	0	0	30	101	24	2	1	1	0	0	129
1630-1645	44	3	0	0	0	0	0	47	121	25	6	0	1	0	0	153
1645-1700	30	4	0	0	1	0	0	35	118	21	2	3	0	2	0	146
Hourly Total	142	16	0	0	1	0	0	159	438	93	12	5	4	5	0	557
1700-1715	25	3	0	0	0	0	0	28	132	26	2	1	0	0	0	161
1715-1730	35	4	0	0	0	0	0	39	152	18	1	2	0	4	0	177
1730-1745	33	1	0	0	0	0	0	34	112	16	0	0	0	0	0	128
1745-1800	42	0	0	0	0	0	0	42	86	14	0	1	0	0	0	101
Hourly Total	135	8	0	0	0	0	0	143	482	74	3	4	0	4	0	567
1800-1815	27	1	0	0	0	1	0	29	80	9	1	0	0	0	0	90
1815-1830	46	0	0	0	0	0	0	46	65	5	0	0	0	0	0	70
1830-1845	36	0	0	0	0	0	0	36	71	1	0	0	1	0	0	73
1845-1900	26	0	0	0	0	1	0	27	50	1	0	0	0	0	0	51
Hourly Total	135	1	0	0	0	2	0	138	266	16	1	0	1	0	0	284
4 Hour Totals (pm)	540	37	0	0	3	4	0	584	1568	263	28	15	11	15	0	1900
Day Total	670	66	4	0	6	5	0	751	2893	504	69	43	20	21	0	3550

Hourly Total	6	2	0	0	1	0	0	9	0	0	0	0	0	0	0	0	645
0800-0815	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1	180
0815-0830	8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0	200
0830-0845	6	1	0	1	0	0	0	8	1	0	0	0	0	0	0	1	167
0845-0900	4	0	2	0	1	0	0	7	0	0	0	0	0	0	0	0	191
Hourly Total	21	2	2	1	1	0	0	27	2	0	0	0	0	0	0	2	738
0900-0915	4	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0	137
0915-0930	3	5	0	0	0	0	0	8	2	0	0	0	0	0	0	2	102
0930-0945	2	0	0	0	0	0	0	2	0	0	0	1	0	0	0	1	119
0945-1000	8	1	0	0	1	0	0	10	0	0	0	0	0	0	0	0	142
Hourly Total	17	7	0	0	1	0	0	25	2	0	0	1	0	0	0	3	500
3 Hour Totals (am)	44	11	2	1	3	0	0	61	4	0	0	1	0	0	0	5	1883
1500-1515	1	2	0	0	0	0	0	3	0	0	0	0	0	0	0	0	169
1515-1530	2	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	150
1530-1545	2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	156
1545-1600	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	171
Hourly Total	5	3	0	0	2	0	0	10	0	0	0	0	0	0	0	0	646
1600-1615	5	1	0	0	1	0	0	7	0	0	0	0	0	0	0	0	183
1615-1630	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
1630-1645	0	2	0	0	0	0	0	2	1	0	0	0	0	0	0	1	203
1645-1700	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	182
Hourly Total	6	3	0	0	1	0	0	10	1	0	0	0	0	0	0	1	727
1700-1715	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	190
1715-1730	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	218
1730-1745	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	164
1745-1800	1	3	0	0	0	0	0	4	0	0	0	0	0	0	0	0	147
Hourly Total	6	3	0	0	0	0	0	9	0	0	0	0	0	0	0	0	719
1800-1815	2	1	0	0	1	0	0	4	0	0	0	0	0	0	0	0	123
1815-1830	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116
1830-1845	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	110
1845-1900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78
Hourly Total	3	1	0	0	1	0	0	5	0	0	0	0	0	0	0	0	427
4 Hour Totals (pm)	20	10	0	0	4	0	0	34	1	0	0	0	0	0	0	1	2519
Day Total	64	21	2	1	7	0	0	95	5	0	0	1	0	0	0	6	4402

	Origin - Arm A								Origin - Arm B							
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	95	7	1	0	1	0	0	104	69	22	0	0	2	0	0	93
0715-0730	122	12	3	0	0	1	0	138	96	34	5	0	2	0	0	137
0730-0745	85	10	1	1	0	0	0	97	90	41	9	2	4	0	0	146
0745-0800	61	1	0	0	1	1	0	64	132	42	3	5	6	0	0	188
Hourly Total	363	30	5	1	2	2	0	403	387	139	17	7	14	0	0	564
0800-0815	83	6	0	0	1	2	0	92	135	34	13	4	4	0	0	190
0815-0830	94	5	1	0	2	0	1	103	135	37	5	4	3	2	0	186
0830-0845	90	6	3	0	2	0	0	101	167	31	5	4	1	1	0	209
0845-0900	79	7	2	0	1	0	0	89	140	30	5	5	0	0	0	180
Hourly Total	346	24	6	0	6	2	1	385	577	132	28	17	8	3	0	765
0900-0915	116	12	5	0	2	1	0	136	120	34	3	3	2	1	0	163
0915-0930	73	4	0	0	0	1	0	78	87	29	10	6	1	1	0	134
0930-0945	62	8	1	1	0	0	0	72	103	33	5	4	1	0	0	146
0945-1000	65	7	0	0	1	0	0	73	93	28	13	2	2	0	0	138
Hourly Total	316	31	6	1	3	2	0	359	403	124	31	15	6	2	0	581
3 Hour Totals (am)	1025	85	17	2	11	6	1	1147	1367	395	76	39	28	5	0	1910
1500-1515	73	10	0	0	0	0	0	83	222	30	3	1	1	0	0	257
1515-1530	54	7	0	0	3	0	0	64	211	23	1	0	0	3	0	238
1530-1545	94	11	1	0	4	0	0	110	191	35	1	3	5	2	0	237
1545-1600	61	9	0	1	1	0	0	72	216	31	4	2	1	1	0	255
Hourly Total	282	37	1	1	8	0	0	329	840	119	9	6	7	6	0	987
1600-1615	73	13	0	0	2	0	0	88	184	37	3	3	2	3	0	232
1615-1630	74	9	0	0	0	0	0	83	213	38	3	2	0	8	0	264
1630-1645	74	5	0	0	0	0	0	79	255	33	4	0	0	0	0	292
1645-1700	44	4	0	0	0	0	0	48	264	24	0	1	1	1	0	291
Hourly Total	265	31	0	0	2	0	0	298	916	132	10	6	3	12	0	1079
1700-1715	48	4	0	0	1	0	0	53	237	19	2	1	1	0	1	261
1715-1730	44	3	0	0	0	0	0	47	263	22	2	0	2	1	0	290
1730-1745	63	3	0	0	0	0	0	66	252	18	1	0	1	1	0	273
1745-1800	94	0	0	1	0	0	0	95	240	25	0	0	0	1	0	266
Hourly Total	249	10	0	1	1	0	0	261	992	84	5	1	4	3	1	1090
1800-1815	87	7	0	0	1	0	0	95	251	29	1	1	0	3	0	285
1815-1830	67	4	0	0	0	0	0	71	218	12	0	0	1	0	0	231
1830-1845	71	2	0	0	0	0	0	73	184	7	0	0	1	0	0	192
1845-1900	65	2	0	0	0	0	0	67	162	9	0	0	0	0	0	171
Hourly Total	290	15	0	0	1	0	0	306	815	57	1	1	2	3	0	879
4 Hour Totals (pm)	1086	93	1	2	12	0	0	1194	3563	392	25	14	16	24	1	4035
Day Total	2111	178	18	4	23	6	1	2341	4930	787	101	53	44	29	1	5945

	Origin - Arm C								Origin - Arm D								Arm
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Total
0700-0715	22	5	0	0	0	0	0	27	131	16	1	1	1	0	0	150	374
0715-0730	23	9	0	0	0	0	0	32	159	25	0	2	0	1	0	187	494
0730-0745	36	3	0	0	0	0	0	39	129	20	0	1	2	0	0	152	434
0745-0800	33	4	0	0	1	0	0	38	127	25	1	0	2	1	0	156	446
Hourly Total	114	21	0	0	1	0	0	136	546	86	2	4	5	2	0	645	1748
0800-0815	39	7	0	0	2	0	0	48	147	22	7	2	1	1	0	180	510
0815-0830	40	4	0	0	2	0	0	46	168	24	1	4	1	2	0	200	535
0830-0845	43	9	1	1	0	0	0	54	131	24	6	5	1	0	0	167	531
0845-0900	36	4	0	1	0	0	0	41	139	32	14	3	3	0	0	191	501
Hourly Total	158	24	1	2	4	0	0	189	585	102	28	14	6	3	0	738	2077
0900-0915	42	4	2	0	1	0	0	49	105	25	4	2	0	1	0	137	485
0915-0930	27	5	1	0	0	0	0	33	70	28	3	1	0	0	0	102	347
0930-0945	28	13	1	0	0	0	0	42	83	22	5	6	3	0	0	119	379
0945-1000	17	6	2	0	1	0	0	26	114	18	5	3	1	1	0	142	379
Hourly Total	114	28	6	0	2	0	0	150	372	93	17	12	4	2	0	500	1590
3 Hour Totals (am)	386	73	7	2	7	0	0	475	1503	281	47	30	15	7	0	1883	5415
1500-1515	24	5	1	0	0	0	0	30	138	25	5	1	0	0	0	169	539
1515-1530	40	5	0	0	0	0	0	45	117	20	4	3	4	2	0	150	497
1530-1545	39	8	0	0	2	0	0	49	123	25	2	2	3	1	0	156	552
1545-1600	39	5	1	0	2	0	0	47	137	25	1	0	3	5	0	171	545
Hourly Total	142	23	2	0	4	0	0	171	515	95	12	6	10	8	0	646	2133
1600-1615	25	9	1	0	1	0	0	36	142	32	2	1	3	3	0	183	539
1615-1630	27	6	0	0	0	2	0	35	130	25	2	1	1	0	0	159	541
1630-1645	30	8	0	0	0	0	0	38	166	30	6	0	1	0	0	203	612
1645-1700	31	4	1	2	0	0	0	38	149	25	2	3	1	2	0	182	559
Hourly Total	113	27	2	2	1	2	0	147	587	112	12	5	6	5	0	727	2251
1700-1715	39	9	0	0	0	0	0	48	158	29	2	1	0	0	0	190	552
1715-1730	30	4	0	0	0	0	0	34	189	22	1	2	0	4	0	218	589
1730-1745	29	3	0	0	1	1	0	34	147	17	0	0	0	0	0	164	537
1745-1800	27	2	0	0	0	0	0	29	129	17	0	1	0	0	0	147	537
Hourly Total	125	18	0	0	1	1	0	145	623	85	3	4	0	4	0	719	2215
1800-1815	39	3	0	0	1	0	0	43	109	11	1	0	1	1	0	123	546
1815-1830	35	5	0	0	0	0	0	40	111	5	0	0	0	0	0	116	458
1830-1845	35	2	0	0	0	0	0	37	108	1	0	0	1	0	0	110	412
1845-1900	44	1	0	0	0	0	0	45	76	1	0	0	0	1	0	78	361
Hourly Total	153	11	0	0	1	0	0	165	404	18	1	0	2	2	0	427	1777
4 Hour Totals (pm)	533	79	4	2	7	3	0	628	2129	310	28	15	18	19	0	2519	8376
Day Total	919	152	11	4	14	3	0	1103	3632	591	75	45	33	26	0	4402	13791

	Destination - Arm A								Destination - Arm B							
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	30	2	0	0	0	0	0	32	224	24	2	1	2	0	0	253
0715-0730	25	8	0	0	2	0	0	35	270	35	2	2	0	2	0	311
0730-0745	32	7	2	0	2	0	0	43	216	28	1	2	1	0	0	248
0745-0800	37	10	1	0	5	0	0	53	191	26	1	0	3	2	0	223
Hourly Total	124	27	3	0	9	0	0	163	901	113	6	5	6	4	0	1035
0800-0815	38	9	6	0	5	0	0	58	231	31	7	2	0	2	0	273
0815-0830	62	8	1	0	1	0	0	72	232	29	1	4	1	2	0	269
0830-0845	55	13	4	1	1	1	0	75	202	30	8	5	2	0	0	247
0845-0900	43	8	4	0	0	0	0	55	189	36	12	3	3	0	0	243
Hourly Total	198	38	15	1	7	1	0	260	854	126	28	14	6	4	0	1032
0900-0915	42	10	2	0	1	0	0	55	204	31	7	2	1	2	0	247
0915-0930	33	12	4	0	0	0	0	49	117	25	4	1	0	1	0	148
0930-0945	41	14	0	0	2	0	0	57	137	29	7	6	2	0	0	181
0945-1000	45	7	4	0	1	1	0	58	147	20	6	3	2	0	0	178
Hourly Total	161	43	10	0	4	1	0	219	605	105	24	12	5	3	0	754
3 Hour Totals (am)	483	108	28	1	20	2	0	642	2360	344	58	31	17	11	0	2821
1500-1515	124	6	2	0	1	0	0	133	179	34	6	1	0	0	0	220
1515-1530	86	10	0	0	2	3	0	101	154	26	4	3	4	0	0	191
1530-1545	97	15	0	0	2	1	0	115	187	31	3	2	5	1	0	229
1545-1600	107	13	0	0	2	0	0	122	188	31	2	1	3	5	0	230
Hourly Total	414	44	2	0	7	4	0	471	708	122	15	7	12	6	0	870
1600-1615	107	18	0	1	1	0	0	127	170	39	3	1	4	3	0	220
1615-1630	101	15	1	0	0	2	0	119	188	32	2	1	1	2	0	226
1630-1645	154	13	0	0	0	0	0	167	202	33	6	0	1	0	0	242
1645-1700	125	12	0	0	2	0	0	139	165	27	2	3	0	2	0	199
Hourly Total	487	58	1	1	3	2	0	552	725	131	13	5	6	7	0	887
1700-1715	125	9	0	0	1	0	0	135	193	34	2	1	1	0	0	231
1715-1730	153	6	0	0	1	0	0	160	209	23	1	2	0	4	0	239
1730-1745	139	5	1	0	1	1	0	147	177	21	0	0	0	0	0	198
1745-1800	136	5	0	0	0	1	0	142	189	15	0	2	0	0	0	206
Hourly Total	553	25	1	0	3	2	0	584	768	93	3	5	1	4	0	874
1800-1815	123	16	1	1	0	1	0	142	180	17	1	0	2	0	0	200
1815-1830	128	5	0	0	0	0	0	133	149	11	0	0	0	0	0	160
1830-1845	117	1	0	0	1	0	0	119	161	4	0	0	1	0	0	166
1845-1900	79	0	0	0	0	1	0	80	138	3	0	0	0	0	0	141
Hourly Total	447	22	1	1	1	2	0	474	628	35	1	0	3	0	0	667
4 Hour Totals (pm)	1901	149	5	2	14	10	0	2081	2829	381	32	17	22	17	0	3298
Day Total	2384	257	33	3	34	12	0	2723	5189	725	90	48	39	28	0	6119

	Destination - Arm C								Destination - Arm D								Arm
	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Total
0700-0715	5	4	0	0	0	0	0	9	58	20	0	0	2	0	0	80	374
0715-0730	8	8	0	0	0	0	0	16	97	29	6	0	0	0	0	132	494
0730-0745	6	8	0	0	1	0	0	15	86	31	7	2	2	0	0	128	434
0745-0800	10	4	0	1	1	0	0	16	115	32	2	4	1	0	0	154	446
Hourly Total	29	24	0	1	2	0	0	56	356	112	15	6	5	0	0	494	1748
0800-0815	16	3	1	0	1	0	0	21	119	26	6	4	2	1	0	158	510
0815-0830	13	4	0	0	2	0	0	19	130	29	5	4	4	2	1	175	535
0830-0845	15	3	0	1	0	0	0	19	159	24	3	3	1	0	0	190	531
0845-0900	16	2	2	0	1	0	0	21	146	27	3	6	0	0	0	182	501
Hourly Total	60	12	3	1	4	0	0	80	554	106	17	17	7	3	1	705	2077
0900-0915	7	2	1	0	0	0	0	10	130	32	4	3	3	1	0	173	485
0915-0930	14	6	0	1	0	0	0	21	93	23	6	5	1	1	0	129	347
0930-0945	4	2	0	0	0	0	0	6	94	31	5	5	0	0	0	135	379
0945-1000	15	7	1	0	1	0	0	24	82	25	9	2	1	0	0	119	379
Hourly Total	40	17	2	1	1	0	0	61	399	111	24	15	5	2	0	556	1590
3 Hour Totals (am)	129	53	5	3	7	0	0	197	1309	329	56	38	17	5	1	1755	5415
1500-1515	22	8	0	0	0	0	0	30	132	22	1	1	0	0	0	156	539
1515-1530	21	0	0	0	1	0	0	22	161	19	1	0	0	2	0	183	497
1530-1545	28	6	0	0	2	0	0	36	135	27	1	3	5	1	0	172	552
1545-1600	15	0	0	0	1	0	0	16	143	26	4	2	1	1	0	177	545
Hourly Total	86	14	0	0	4	0	0	104	571	94	7	6	6	4	0	688	2133
1600-1615	14	3	0	0	1	0	0	18	133	31	3	2	2	3	0	174	539
1615-1630	12	2	0	0	0	0	0	14	143	29	2	2	0	6	0	182	541
1630-1645	16	6	1	0	0	0	0	23	153	24	3	0	0	0	0	180	612
1645-1700	26	2	0	1	0	0	0	29	172	16	1	2	0	1	0	192	559
Hourly Total	68	13	1	1	1	0	0	84	601	100	9	6	2	10	0	728	2251
1700-1715	18	3	0	0	0	0	0	21	146	15	2	1	0	0	1	165	552
1715-1730	27	1	0	0	1	0	0	29	137	21	2	0	0	1	0	161	589
1730-1745	16	1	0	0	0	0	0	17	159	14	0	0	1	1	0	175	537
1745-1800	21	3	0	0	0	0	0	24	144	21	0	0	0	0	0	165	537
Hourly Total	82	8	0	0	1	0	0	91	586	71	4	1	1	2	1	666	2215
1800-1815	17	2	0	0	1	0	0	20	166	15	0	0	0	3	0	184	546
1815-1830	15	0	0	0	0	0	0	15	139	10	0	0	1	0	0	150	458
1830-1845	8	0	0	0	0	0	0	8	112	7	0	0	0	0	0	119	412
1845-1900	3	0	0	0	0	0	0	3	127	10	0	0	0	0	0	137	361
Hourly Total	43	2	0	0	1	0	0	46	544	42	0	0	1	3	0	590	1777
4 Hour Totals (pm)	279	37	1	1	7	0	0	325	2302	307	20	13	10	19	1	2672	8376
Day Total	408	90	6	4	14	0	0	522	3611	636	76	51	27	24	2	4427	13791

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 9

Arm A - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	**0**
0715-0730	0	0	0	0	0	0	0	**0**
0730-0745	0	0	0	0	0	0	0	**0**
0745-0800	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0800-0815	0	0	0	0	0	0	0	**0**
0815-0830	0	0	0	0	0	0	0	**0**
0830-0845	0	0	0	0	0	0	0	**0**
0845-0900	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0900-0915	0	0	0	0	0	0	0	**0**
0915-0930	0	0	0	0	0	0	0	**0**
0930-0945	0	0	0	0	0	0	0	**0**
0945-1000	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
3 Hour Totals (am)	0	0	0	0	0	0	0	**0**
1500-1515	0	0	0	0	0	0	0	**0**
1515-1530	0	0	0	0	0	0	0	**0**
1530-1545	0	0	0	0	0	0	0	**0**
1545-1600	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1600-1615	0	0	0	0	0	0	0	**0**
1615-1630	0	0	0	0	0	0	0	**0**
1630-1645	0	0	0	0	0	0	0	**0**
1645-1700	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1700-1715	0	0	0	0	0	0	0	**0**
1715-1730	0	0	0	0	0	0	0	**0**
1730-1745	0	0	0	0	0	0	0	**0**
1745-1800	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1800-1815	0	0	0	0	0	0	0	**0**
1815-1830	0	0	0	0	0	0	0	**0**
1830-1845	0	0	0	0	0	0	0	**0**
1845-1900	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
4 Hour Totals (pm)	0	0	0	0	0	0	0	**0**
Day Total	0	0	0	0	0	0	0	**0**

Arm A - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	10	1	1	0	0	0	0	**12**
0715-0730	12	1	0	0	1	0	0	**14**
0730-0745	11	0	0	0	0	0	0	**11**
0745-0800	17	4	0	0	0	0	0	**21**
Hourly Total	**50**	**6**	**1**	**0**	**1**	**0**	**0**	**58**
0800-0815	19	3	1	0	0	0	0	**23**
0815-0830	19	3	0	0	0	0	0	**22**
0830-0845	37	2	0	0	1	0	0	**40**
0845-0900	11	0	0	0	1	0	0	**12**
Hourly Total	**86**	**8**	**1**	**0**	**2**	**0**	**0**	**97**
0900-0915	9	0	0	0	0	0	0	**9**
0915-0930	7	2	0	0	0	0	0	**9**
0930-0945	12	2	1	0	0	0	0	**15**
0945-1000	4	1	1	0	0	0	0	**6**
Hourly Total	**32**	**5**	**2**	**0**	**0**	**0**	**0**	**39**
3 Hour Totals (am)	168	19	4	0	3	0	0	**194**
1500-1515	23	0	0	0	1	0	0	**24**
1515-1530	31	1	0	0	1	0	0	**33**
1530-1545	18	0	0	0	0	0	0	**18**
1545-1600	12	2	0	0	0	0	0	**14**
Hourly Total	**84**	**3**	**0**	**0**	**2**	**0**	**0**	**89**
1600-1615	10	1	0	0	1	0	0	**12**
1615-1630	10	1	0	0	0	0	0	**11**
1630-1645	10	0	0	0	1	0	0	**11**
1645-1700	17	1	0	0	0	0	0	**18**
Hourly Total	**47**	**3**	**0**	**0**	**2**	**0**	**0**	**52**
1700-1715	20	0	0	0	1	0	0	**21**
1715-1730	13	0	1	0	0	0	0	**14**
1730-1745	10	0	0	0	0	0	0	**10**
1745-1800	10	4	0	0	0	0	0	**14**
Hourly Total	**53**	**4**	**1**	**0**	**1**	**0**	**0**	**59**
1800-1815	16	2	0	0	0	0	0	**18**
1815-1830	10	1	0	0	0	0	0	**11**
1830-1845	8	0	0	0	0	0	0	**8**
1845-1900	15	0	0	0	1	0	0	**16**
Hourly Total	**49**	**3**	**0**	**0**	**1**	**0**	**0**	**53**
4 Hour Totals (pm)	233	13	1	0	6	0	0	**253**
Day Total	401	32	5	0	9	0	0	**447**

Arm A - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	43	7	2	1	1	0	0	**54**	**66**
0715-0730	63	6	1	1	1	0	0	**72**	**86**
0730-0745	80	12	0	0	0	0	0	**92**	**103**
0745-0800	71	7	5	1	0	1	0	**85**	**106**
Hourly Total	**257**	**32**	**8**	**3**	**2**	**1**	**0**	**303**	**361**
0800-0815	68	5	1	2	3	1	0	**80**	**103**
0815-0830	55	10	0	0	0	0	0	**65**	**87**
0830-0845	87	12	1	0	0	0	0	**100**	**140**
0845-0900	66	7	0	0	1	0	0	**74**	**86**
Hourly Total	**276**	**34**	**2**	**2**	**4**	**1**	**0**	**319**	**416**
0900-0915	47	6	0	0	0	1	0	**54**	**63**
0915-0930	49	7	1	0	0	1	0	**58**	**67**
0930-0945	40	8	0	0	0	0	0	**48**	**63**
0945-1000	49	10	2	1	1	1	0	**64**	**70**
Hourly Total	**185**	**31**	**3**	**1**	**1**	**3**	**0**	**224**	**263**
3 Hour Totals (am)	718	97	13	6	7	5	0	**846**	**1040**
1500-1515	110	6	2	0	0	0	0	**118**	**142**
1515-1530	136	11	0	0	0	1	0	**148**	**181**
1530-1545	165	10	2	0	1	1	0	**179**	**197**
1545-1600	89	10	1	1	1	0	0	**102**	**116**
Hourly Total	**500**	**37**	**5**	**1**	**2**	**2**	**0**	**547**	**636**
1600-1615	163	17	0	0	1	0	0	**181**	**193**
1615-1630	138	14	2	0	0	1	0	**155**	**166**
1630-1645	150	9	1	0	0	1	0	**161**	**172**
1645-1700	131	11	1	0	0	0	1	**144**	**162**
Hourly Total	**582**	**51**	**4**	**0**	**1**	**2**	**1**	**641**	**693**
1700-1715	136	6	1	0	0	0	0	**143**	**164**
1715-1730	144	7	1	0	0	1	0	**153**	**167**
1730-1745	95	8	0	1	0	0	0	**104**	**114**
1745-1800	87	11	0	0	0	0	0	**98**	**112**
Hourly Total	**462**	**32**	**2**	**1**	**0**	**1**	**0**	**498**	**557**
1800-1815	91	6	0	0	0	1	0	**98**	**116**
1815-1830	88	5	0	0	1	0	0	**94**	**105**
1830-1845	71	5	0	0	1	0	0	**77**	**85**
1845-1900	85	6	0	0	0	0	0	**91**	**107**
Hourly Total	**335**	**22**	**0**	**0**	**2**	**1**	**0**	**360**	**413**
4 Hour Totals (pm)	1879	142	11	2	5	6	1	**2046**	**2299**
Day Total	2597	239	24	8	12	11	1	**2892**	**3339**

Arm B - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	7	0	0	0	0	0	0	**7**
0715-0730	15	0	0	0	1	0	0	**16**
0730-0745	25	1	0	0	0	0	0	**26**
0745-0800	25	0	0	0	0	0	0	**25**
Hourly Total	**72**	**1**	**0**	**0**	**1**	**0**	**0**	**74**
0800-0815	29	2	1	0	2	0	0	**34**
0815-0830	38	1	0	0	1	0	0	**40**
0830-0845	30	0	0	0	0	0	1	**31**
0845-0900	24	0	0	0	0	0	0	**24**
Hourly Total	**121**	**3**	**1**	**0**	**3**	**0**	**1**	**129**
0900-0915	15	1	0	0	0	0	0	**16**
0915-0930	14	1	0	0	0	0	0	**15**
0930-0945	8	4	0	0	0	0	0	**12**
0945-1000	10	3	0	0	0	0	0	**13**
Hourly Total	**47**	**9**	**0**	**0**	**0**	**0**	**0**	**56**
3 Hour Totals (am)	240	13	1	0	4	0	1	**259**
1500-1515	16	1	0	0	0	0	0	**17**
1515-1530	11	1	0	0	1	0	0	**13**
1530-1545	7	1	0	0	0	0	0	**8**
1545-1600	8	3	0	0	0	0	0	**11**
Hourly Total	**42**	**6**	**0**	**0**	**1**	**0**	**0**	**49**
1600-1615	6	0	0	0	1	0	0	**7**
1615-1630	9	0	0	0	1	0	0	**10**
1630-1645	7	0	0	0	1	0	0	**8**
1645-1700	11	2	0	0	0	0	0	**13**
Hourly Total	**33**	**2**	**0**	**0**	**3**	**0**	**0**	**38**
1700-1715	12	3	0	0	1	0	0	**16**
1715-1730	11	0	0	0	0	0	0	**11**
1730-1745	10	2	0	0	0	0	0	**12**
1745-1800	11	2	0	0	0	0	0	**13**
Hourly Total	**44**	**7**	**0**	**0**	**1**	**0**	**0**	**52**
1800-1815	8	0	0	0	0	0	0	**8**
1815-1830	12	1	0	0	0	0	0	**13**
1830-1845	14	0	0	0	1	0	0	**15**
1845-1900	14	0	0	0	0	0	0	**14**
Hourly Total	**48**	**1**	**0**	**0**	**1**	**0**	**0**	**50**
4 Hour Totals (pm)	167	16	0	0	5	1	0	**189**
Day Total	407	29	1	0	9	1	1	**448**

Arm B - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	0	0	0	0	0	0	0	**0**
0715-0730	0	0	0	0	0	0	0	**0**
0730-0745	0	0	0	0	0	0	0	**0**
0745-0800	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
0800-0815	0	0	0	0	0	0	0	**0**
0815-0830	0	0	0	0	0	0	0	**0**
0830-0845	1	0	0	0	0	0	0	**1**
0845-0900	0	0	0	0	0	0	0	**0**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
0900-0915	0	0	0	0	0	0	0	**0**
0915-0930	0	0	0	0	0	0	0	**0**
0930-0945	0	0	0	0	0	0	0	**0**
0945-1000	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
3 Hour Totals (am)	1	0	0	0	0	0	0	**1**
1500-1515	0	0	0	0	0	0	0	**0**
1515-1530	0	0	0	0	0	0	0	**0**
1530-1545	0	0	0	0	0	0	0	**0**
1545-1600	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1600-1615	1	0	0	0	0	0	0	**1**
1615-1630	0	0	0	0	0	0	0	**0**
1630-1645	0	0	0	0	0	0	0	**0**
1645-1700	0	0	0	0	0	0	0	**0**
Hourly Total	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**
1700-1715	0	0	0	0	0	0	0	**0**
1715-1730	0	0	0	0	0	0	0	**0**
1730-1745	0	0	0	0	0	0	0	**0**
1745-1800	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
1800-1815	0	0	0	0	0	0	0	**0**
1815-1830	0	0	0	0	0	0	0	**0**
1830-1845	0	0	0	0	0	0	0	**0**
1845-1900	0	0	0	0	0	0	0	**0**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
4 Hour Totals (pm)	1	0	0	0	0	0	0	**1**
Day Total	2	0	0	0	0	0	0	**2**

Arm B - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	38	15	0	0	0	0	0	**53**	**60**
0715-0730	58	18	0	0	1	0	0	**77**	**93**
0730-0745	70	18	0	1	1	0	0	**90**	**116**
0745-0800	66	10	2	1	2	0	0	**81**	**106**
Hourly Total	**232**	**61**	**2**	**2**	**4**	**0**	**0**	**301**	**375**
0800-0815	92	14	5	0	4	1	0	**116**	**150**
0815-0830	68	14	2	1	1	0	0	**86**	**126**
0830-0845	75	12	2	1	3	0	0	**93**	**125**
0845-0900	92	8	3	0	2	1	0	**106**	**130**
Hourly Total	**327**	**48**	**12**	**2**	**10**	**2**	**0**	**401**	**531**
0900-0915	43	4	1	0	2	2	0	**52**	**68**
0915-0930	32	15	2	0	3	0	0	**52**	**67**
0930-0945	54	8	3	0	3	0	0	**68**	**80**
0945-1000	52	11	1	0	0	0	0	**64**	**77**
Hourly Total	**181**	**38**	**7**	**0**	**8**	**2**	**0**	**236**	**292**
3 Hour Totals (am)	740	147	21	4	22	4	0	**938**	**1198**
1500-1515	140	4	0	0	0	0	0	**144**	**161**
1515-1530	109	4	0	0	2	0	0	**115**	**128**
1530-1545	97	9	2	0	0	0	0	**108**	**116**
1545-1600	155	12	2	0	2	0	0	**171**	**182**
Hourly Total	**501**	**29**	**4**	**0**	**4**	**0**	**0**	**538**	**587**
1600-1615	87	4	0	0	1	1	0	**93**	**101**
1615-1630	105	1	0	0	1	0	0	**107**	**117**
1630-1645	104	12	0	0	0	2	0	**118**	**126**
1645-1700	115	6	0	0	2	0	0	**123**	**136**
Hourly Total	**411**	**23**	**0**	**0**	**4**	**3**	**0**	**441**	**480**
1700-1715	102	9	0	0	2	1	0	**114**	**130**
1715-1730	91	5	1	0	1	0	0	**98**	**109**
1730-1745	87	4	0	0	1	0	0	**92**	**104**
1745-1800	86	1	0	0	1	1	0	**89**	**102**
Hourly Total	**366**	**19**	**1**	**0**	**5**	**2**	**0**	**393**	**445**
1800-1815	76	5	1	0	2	1	0	**85**	**93**
1815-1830	67	5	0	0	0	0	0	**72**	**85**
1830-1845	40	2	0	0	0	0	0	**42**	**57**
1845-1900	58	3	0	0	0	0	0	**61**	**75**
Hourly Total	**241**	**15**	**1**	**0**	**2**	**1**	**0**	**260**	**310**
4 Hour Totals (pm)	1519	86	6	0	15	6	0	**1632**	**1822**
Day Total	2259	233	27	4	37	10	0	**2570**	**3020**

Arm C - Arm A

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	74	8	2	0	2	1	0	**87**
0715-0730	144	8	0	0	0	0	0	**152**
0730-0745	189	12	1	0	1	0	0	**203**
0745-0800	190	10	1	0	2	1	0	**204**
Hourly Total	**597**	**38**	**4**	**0**	**5**	**2**	**0**	**646**
0800-0815	180	12	2	0	1	0	0	**195**
0815-0830	171	13	0	0	0	0	0	**184**
0830-0845	181	11	2	1	0	0	0	**195**
0845-0900	137	12	5	0	0	0	0	**154**
Hourly Total	**669**	**48**	**9**	**1**	**1**	**0**	**0**	**728**
0900-0915	90	9	1	0	1	0	1	**102**
0915-0930	69	16	3	0	0	0	0	**88**
0930-0945	53	12	0	1	0	0	0	**66**

Arm C - Arm B

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total
0700-0715	131	9	0	0	0	0	0	**140**
0715-0730	135	9	0	0	1	1	0	**146**
0730-0745	128	8	2	0	2	0	0	**140**
0745-0800	147	10	1	1	3	0	0	**162**
Hourly Total	**541**	**36**	**3**	**1**	**6**	**1**	**0**	**588**
0800-0815	136	16	0	0	2	1	0	**155**
0815-0830	129	10	4	1	0	2	2	**148**
0830-0845	121	7	0	0	1	0	0	**129**
0845-0900	97	15	1	0	4	0	0	**117**
Hourly Total	**483**	**48**	**5**	**1**	**7**	**3**	**2**	**549**
0900-0915	94	5	1	0	2	1	0	**103**
0915-0930	62	9	1	0	1	3	0	**76**
0930-0945	52	6	2	0	1	0	0	**61**

Arm C - Arm C

	Car	LGV	OGV1	OGV2	PSV	MC	PC	Total	Arm Total
0700-0715	0	0	0	0	0	0	0	**0**	**227**
0715-0730	0	0	0	0	0	0	0	**0**	**298**
0730-0745	0	0	0	0	0	0	0	**0**	**343**
0745-0800	0	0	0	0	0	0	0	**0**	**366**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1234**
0800-0815	0	0	0	0	0	0	0	**0**	**350**
0815-0830	0	0	0	0	0	0	0	**0**	**332**
0830-0845	0	0	0	0	0	0	0	**0**	**324**
0845-0900	0	0	0	0	0	0	0	**0**	**271**
Hourly Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1277**
0900-0915	0	0	0	0	0	0	0	**0**	**205**
0915-0930	0	0	0	0	0	0	0	**0**	**164**
0930-0945	1	0	0	0	0	0	0	**1**	**128**

0945-1000	71	7	0	0	0	0	0	**78**	45	4	2	0	2	1	0	**54**	0	0	0	0	0	0	0	**0**	**132**
Hourly Total	**283**	**44**	**4**	**1**	**1**	**0**	**1**	**334**	**253**	**24**	**6**	**0**	**6**	**5**	**0**	**294**	**1**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**629**
3 Hour Totals (am)	1549	130	17	2	7	2	1	**1708**	1277	108	14	2	19	9	2	**1431**	1	0	0	0	0	0	0	**1**	**3140**
1500-1515	66	10	1	0	2	0	0	**79**	77	14	3	0	1	0	0	**95**	0	0	0	0	0	0	0	**0**	**174**
1515-1530	61	6	1	0	0	1	0	**69**	64	7	2	0	0	1	0	**74**	0	0	0	0	0	0	0	**0**	**143**
1530-1545	49	9	0	1	3	0	0	**62**	58	9	0	1	2	1	0	**71**	0	1	0	0	0	0	0	**1**	**134**
1545-1600	58	8	0	0	0	0	0	**66**	84	8	0	0	1	1	0	**94**	0	0	0	0	0	0	0	**0**	**160**
Hourly Total	**234**	**33**	**2**	**1**	**5**	**1**	**0**	**276**	**283**	**38**	**5**	**1**	**4**	**3**	**0**	**334**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**1**	**611**
1600-1615	69	6	1	1	0	0	0	**77**	70	10	0	0	2	0	0	**82**	0	0	0	0	0	0	0	**0**	**159**
1615-1630	61	9	0	0	0	0	0	**70**	82	12	0	0	1	0	0	**95**	0	0	0	0	0	0	0	**0**	**165**
1630-1645	74	8	0	1	0	0	0	**83**	55	14	0	0	1	0	0	**70**	0	0	0	0	0	0	0	**0**	**153**
1645-1700	82	9	0	0	0	0	0	**91**	53	7	0	0	1	0	0	**61**	0	0	0	0	0	0	0	**0**	**152**
Hourly Total	**286**	**32**	**1**	**2**	**0**	**0**	**0**	**321**	**260**	**43**	**0**	**0**	**5**	**0**	**0**	**308**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**629**
1700-1715	76	4	0	0	0	0	0	**80**	72	11	0	0	2	1	0	**86**	0	0	0	0	0	0	0	**0**	**166**
1715-1730	79	2	0	0	0	0	0	**81**	81	10	0	0	1	0	0	**92**	0	0	0	0	0	0	0	**0**	**173**
1730-1745	64	9	0	0	0	0	0	**73**	67	5	0	0	2	1	0	**75**	0	0	0	0	0	0	0	**0**	**148**
1745-1800	79	9	0	0	0	0	0	**88**	69	9	1	0	1	0	0	**80**	0	0	0	0	0	0	0	**0**	**168**
Hourly Total	**298**	**24**	**0**	**0**	**0**	**0**	**0**	**322**	**289**	**35**	**1**	**0**	**6**	**2**	**0**	**333**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**655**
1800-1815	88	9	0	0	2	1	0	**100**	50	6	0	0	0	0	0	**56**	0	0	0	0	0	0	0	**0**	**156**
1815-1830	80	5	1	0	0	0	0	**86**	76	2	0	0	1	1	0	**80**	0	0	0	0	0	0	0	**0**	**166**
1830-1845	116	8	0	0	0	0	0	**124**	43	2	0	0	0	1	0	**46**	0	0	0	0	0	0	0	**0**	**170**
1845-1900	104	6	0	0	0	1	0	**111**	46	3	0	1	0	1	0	**51**	0	0	0	0	0	0	0	**0**	**162**
Hourly Total	**388**	**28**	**1**	**0**	**2**	**2**	**0**	**421**	**215**	**13**	**0**	**1**	**1**	**3**	**0**	**233**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**654**
4 Hour Totals (pm)	1206	117	4	3	7	3	0	**1340**	1047	129	6	2	16	8	0	**1208**	0	1	0	0	0	0	0	**1**	**2549**
Day Total	2755	247	21	5	14	5	1	**3048**	2324	237	20	4	35	17	2	**2639**	1	1	0	0	0	0	0	**2**	**5689**

	Origin - Arm A								Origin - Arm B								Origin - Arm C								
	Car	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Arm Total**
0700-0715	53	8	3	1	1	0	0	**66**	45	15	0	0	0	0	0	**60**	205	17	2	0	2	1	0	**227**	**353**
0715-0730	75	7	1	1	2	0	0	**86**	73	18	0	0	2	0	0	**93**	279	17	0	0	1	1	0	**298**	**477**
0730-0745	91	12	0	0	0	0	0	**103**	95	19	0	1	1	0	0	**116**	317	20	3	0	3	0	0	**343**	**562**
0745-0800	88	11	5	1	0	1	0	**106**	91	10	2	1	2	0	0	**106**	337	20	2	1	5	1	0	**366**	**578**
Hourly Total	**307**	**38**	**9**	**3**	**3**	**1**	**0**	**361**	**304**	**62**	**2**	**2**	**5**	**0**	**0**	**375**	**1138**	**74**	**7**	**1**	**11**	**3**	**0**	**1234**	**1970**
0800-0815	87	8	2	2	3	1	0	**103**	121	16	6	0	6	1	0	**150**	316	28	2	0	3	1	0	**350**	**603**
0815-0830	74	13	0	0	0	0	0	**87**	106	15	2	1	2	0	0	**126**	300	23	4	1	0	2	2	**332**	**545**
0830-0845	124	14	1	0	1	0	0	**140**	106	12	2	1	3	0	1	**125**	302	18	2	1	1	0	0	**324**	**589**
0845-0900	77	7	0	0	2	0	0	**86**	116	8	3	0	2	1	0	**130**	234	27	6	0	4	0	0	**271**	**487**
Hourly Total	**362**	**42**	**3**	**2**	**6**	**1**	**0**	**416**	**449**	**51**	**13**	**2**	**13**	**2**	**1**	**531**	**1152**	**96**	**14**	**2**	**8**	**3**	**2**	**1277**	**2224**
0900-0915	56	6	0	0	0	1	0	**63**	58	5	1	0	2	2	0	**68**	184	14	2	0	3	1	1	**205**	**336**
0915-0930	56	9	1	0	0	1	0	**67**	46	16	2	0	3	0	0	**67**	131	25	4	0	1	3	0	**164**	**298**
0930-0945	52	10	1	0	0	0	0	**63**	62	12	3	0	3	0	0	**80**	106	18	2	1	1	0	0	**128**	**271**
0945-1000	53	11	3	1	1	1	0	**70**	62	14	1	0	0	0	0	**77**	116	11	2	0	2	1	0	**132**	**279**
Hourly Total	**217**	**36**	**5**	**1**	**1**	**3**	**0**	**263**	**228**	**47**	**7**	**0**	**8**	**2**	**0**	**292**	**537**	**68**	**10**	**1**	**7**	**5**	**1**	**629**	**1184**
3 Hour Totals (am)	886	116	17	6	10	5	0	**1040**	981	160	22	4	26	4	1	**1198**	2827	238	31	4	26	11	3	**3140**	**5378**
1500-1515	133	6	2	0	1	0	0	**142**	156	5	0	0	0	0	0	**161**	143	24	4	0	3	0	0	**174**	**477**
1515-1530	167	12	0	0	1	1	0	**181**	120	5	0	0	2	1	0	**128**	125	13	3	0	0	2	0	**143**	**452**
1530-1545	183	10	2	0	1	1	0	**197**	104	10	2	0	0	0	0	**116**	107	19	0	2	5	1	0	**134**	**447**
1545-1600	101	12	1	1	1	0	0	**116**	163	15	2	0	2	0	0	**182**	142	16	0	0	1	1	0	**160**	**458**
Hourly Total	**584**	**40**	**5**	**1**	**4**	**2**	**0**	**636**	**543**	**35**	**4**	**0**	**4**	**1**	**0**	**587**	**517**	**72**	**7**	**2**	**9**	**4**	**0**	**611**	**1834**
1600-1615	173	18	0	0	2	0	0	**193**	94	4	0	0	2	1	0	**101**	139	16	1	1	2	0	0	**159**	**453**
1615-1630	148	15	2	0	0	1	0	**166**	114	1	0	0	2	0	0	**117**	143	21	0	0	1	0	0	**165**	**448**
1630-1645	160	9	1	0	1	1	0	**172**	111	12	0	0	1	2	0	**126**	129	22	0	1	1	0	0	**153**	**451**
1645-1700	148	12	1	0	0	0	1	**162**	126	8	0	0	2	0	0	**136**	135	16	0	0	1	0	0	**152**	**450**
Hourly Total	**629**	**54**	**4**	**0**	**3**	**2**	**1**	**693**	**445**	**25**	**0**	**0**	**7**	**3**	**0**	**480**	**546**	**75**	**1**	**2**	**5**	**0**	**0**	**629**	**1802**
1700-1715	156	6	1	0	1	0	0	**164**	114	12	0	0	3	1	0	**130**	148	15	0	0	2	1	0	**166**	**460**
1715-1730	157	7	2	0	0	1	0	**167**	102	5	1	0	1	0	0	**109**	160	12	0	0	1	0	0	**173**	**449**
1730-1745	105	8	0	1	0	0	0	**114**	97	6	0	0	1	0	0	**104**	131	14	0	0	2	1	0	**148**	**366**
1745-1800	97	15	0	0	0	0	0	**112**	97	3	0	0	1	1	0	**102**	148	18	1	0	1	0	0	**168**	**382**
Hourly Total	**515**	**36**	**3**	**1**	**1**	**1**	**0**	**557**	**410**	**26**	**1**	**0**	**6**	**2**	**0**	**445**	**587**	**59**	**1**	**0**	**6**	**2**	**0**	**655**	**1657**
1800-1815	107	8	0	0	0	1	0	**116**	84	5	1	0	2	1	0	**93**	138	15	0	0	2	1	0	**156**	**365**
1815-1830	98	6	0	0	1	0	0	**105**	79	6	0	0	0	0	0	**85**	156	7	1	0	1	1	0	**166**	**356**
1830-1845	79	5	0	0	1	0	0	**85**	54	2	0	0	1	0	0	**57**	159	10	0	0	0	1	0	**170**	**312**
1845-1900	100	6	0	0	1	0	0	**107**	72	3	0	0	0	0	0	**75**	150	9	0	1	0	2	0	**162**	**344**
Hourly Total	**384**	**25**	**0**	**0**	**3**	**1**	**0**	**413**	**289**	**16**	**1**	**0**	**3**	**1**	**0**	**310**	**603**	**41**	**1**	**1**	**3**	**5**	**0**	**654**	**1377**
4 Hour Totals (pm)	2112	155	12	2	11	6	1	**2299**	1687	102	6	0	20	7	0	**1822**	2253	247	10	5	23	11	0	**2549**	**6670**
Day Total	2998	271	29	8	21	11	1	**3339**	2668	262	28	4	46	11	1	**3020**	5080	485	41	9	49	22	3	**5689**	**12048**

	Destination - Arm A								Destination - Arm B								Destination - Arm C								
	Car	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Car**	**LGV**	**OGV1**	**OGV2**	**PSV**	**MC**	**PC**	**Total**	**Arm Total**
0700-0715	81	8	2	0	2	1	0	**94**	141	10	1	0	0	0	0	**152**	81	22	2	1	1	0	0	**107**	**353**
0715-0730	159	8	0	0	1	0	0	**168**	147	10	0	0	2	1	0	**160**	121	24	1	1	2	0	0	**149**	**477**
0730-0745	214	13	1	0	1	0	0	**229**	139	8	2	0	2	0	0	**151**	150	30	0	1	1	0	0	**182**	**562**
0745-0800	215	10	1	0	2	1	0	**229**	164	14	1	1	3	0	0	**183**	137	17	7	2	2	1	0	**166**	**578**
Hourly Total	**669**	**39**	**4**	**0**	**6**	**2**	**0**	**720**	**591**	**42**	**4**	**1**	**7**	**1**	**0**	**646**	**489**	**93**	**10**	**5**	**6**	**1**	**0**	**604**	**1970**
0800-0815	209	14	3	0	3	0	0	**229**	155	19	1	0	2	1	0	**178**	160	19	6	2	7	2	0	**196**	**603**
0815-0830	209	14	0	0	1	0	0	**224**	148	13	4	1	0	2	2	**170**	123	24	2	1	1	0	0	**151**	**545**
0830-0845	211	11	2	1	0	0	1	**226**	159	9	0	0	2	0	0	**170**	162	24	3	1	3	0	0	**193**	**589**
0845-0900	161	12	5	0	0	0	0	**178**	108	15	1	0	5	0	0	**129**	158	15	3	0	3	1	0	**180**	**487**
Hourly Total	**790**	**51**	**10**	**1**	**4**	**0**	**1**	**857**	**570**	**56**	**6**	**1**	**9**	**3**	**2**	**647**	**603**	**82**	**14**	**4**	**14**	**3**	**0**	**720**	**2224**
0900-0915	105	10	1	0	1	0	1	**118**	103	5	1	0	2	1	0	**112**	90	10	1	0	2	3	0	**106**	**336**
0915-0930	83	17	3	0	0	0	0	**103**	69	11	1	0	1	3	0	**85**	81	22	3	0	3	1	0	**110**	**298**
0930-0945	61	16	0	1	0	0	0	**78**	64	8	3	0	1	0	0	**76**	95	16	3	0	3	0	0	**117**	**271**
0945-1000	81	10	0	0	0	0	0	**91**	49	5	3	0	2	1	0	**60**	101	21	3	1	1	1	0	**128**	**279**
Hourly Total	**330**	**53**	**4**	**1**	**1**	**0**	**1**	**390**	**285**	**29**	**8**	**0**	**6**	**5**	**0**	**333**	**367**	**69**	**10**	**1**	**9**	**5**	**0**	**461**	**1184**
3 Hour Totals (am)	1789	143	18	2	11	2	2	**1967**	1446	127	18	2	22	9	2	**1626**	1459	244	34	10	29	9	0	**1785**	**5378**
1500-1515	82	11	1	0	2	0	0	**96**	100	14	3	0	2	0	0	**119**	250	10	2	0	0	0	0	**262**	**477**
1515-1530	72	7	1	0	0	2	0	**82**	95	8	2	0	1	1	0	**107**	245	15	0	0	2	1	0	**263**	**452**
1530-1545	56	10	0	1	3	0	0	**70**	76	9	0	1	2	1	0	**89**	262	20	4	0	1	1	0	**288**	**447**
1545-1600	66	11	0	0	0	0	0	**77**	96	10	0	0	1	1	0	**108**	244	22	3	1	3	0	0	**273**	**458**
Hourly Total	**276**	**39**	**2**	**1**	**5**	**2**	**0**	**325**	**367**	**41**	**5**	**1**	**6**	**3**	**0**	**423**	**1001**	**67**	**9**	**1**	**6**	**2**	**0**	**1086**	**1834**
1600-1615	75	6	1	1	1	0	0	**84**	81	11	0	0	3	0	0	**95**	250	21	0	0	2	1	0	**274**	**453**
1615-1630	70	9	0	0	1	0	0	**80**	92	13	0	0	1	0	0	**106**	243	15	2	0	1	1	0	**262**	**448**
1630-1645	81	8	0	1	1	0	0	**91**	65	14	0	0	2	0	0	**81**	254	21	1	0	0	3	0	**279**	**451**
1645-1700	93	11	0	0	0	0	0	**104**	70	8	0	0	1	0	0	**79**	246	17	1	0	2	0	1	**267**	**450**
Hourly Total	**319**	**34**	**1**	**2**	**3**	**0**	**0**	**359**	**308**	**46**	**0**	**0**	**7**	**0**	**0**	**361**	**993**	**74**	**4**	**0**	**5**	**5**	**1**	**1082**	**1802**
1700-1715	88	7	0	0	1	0	0	**96**	92	11	0	0	3	1	0	**107**	238	15	1	0	2	1	0	**257**	**460**
1715-1730	90	2	0	0	0	0	0	**92**	94	10	1	0	1	0	0	**106**	235	12	2	0	1	1	0	**251**	**449**
1730-1745	74	11	0	0	0	0	0	**85**	77	5	0	0	2	1	0	**85**	182	12	0	1	1	0	0	**196**	**366**

1745-1800	90	11	0	0	0	0	0	**101**	79	13	1	0	1	0	0	**94**	173	12	0	0	1	1	0	**187**	**382**
Hourly Total	**342**	**31**	**0**	**0**	**1**	**0**	**0**	374	**342**	**39**	**2**	**0**	**7**	**2**	**0**	392	**828**	**51**	**3**	**1**	**5**	**3**	**0**	891	1657
1800-1815	96	9	0	0	2	1	0	**108**	66	8	0	0	0	0	0	**74**	167	11	1	0	2	2	0	**183**	**365**
1815-1830	92	6	1	0	0	0	0	**99**	86	3	0	0	1	1	0	**91**	155	10	0	0	1	0	0	**166**	**356**
1830-1845	130	8	0	0	1	0	0	**139**	51	2	0	0	0	1	0	**54**	111	7	0	0	1	0	0	**119**	**312**
1845-1900	118	6	0	0	0	1	0	**125**	61	3	0	1	1	1	0	**67**	143	9	0	0	0	0	0	**152**	**344**
Hourly Total	**436**	**29**	**1**	**0**	**3**	**2**	**0**	471	**264**	**16**	**0**	**1**	**2**	**3**	**0**	286	**576**	**37**	**1**	**0**	**4**	**2**	**0**	620	1377
4 Hour Totals (pm)	1373	133	4	3	12	4	0	**1529**	1281	142	7	2	22	8	0	**1462**	3398	229	17	2	20	12	1	**3679**	**6670**
Day Total	3162	276	22	5	23	6	2	**3496**	2727	269	25	4	44	17	2	**3088**	4857	473	51	12	49	21	1	**5464**	**12048**

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 01

	Q1	Q2	Q3
	Lane 1	Lane1	Lane1
0700-0705	0	0	0
0705-0710	0	0	0
0710-0715	0	0	0
0715-0720	0	0	0
0720-0725	0	0	0
0725-0730	0	0	0
0730-0735	0	0	0
0735-0740	0	0	0
0740-0745	0	0	0
0745-0750	0	0	0
0750-0755	0	0	0
0755-0800	0	0	0
0800-0805	0	0	0
0805-0810	0	0	0
0810-0815	0	0	0
0815-0820	0	0	0
0820-0825	0	0	0
0825-0830	0	0	0
0830-0835	0	0	0
0835-0840	0	0	0
0840-0845	0	0	0
0845-0850	0	0	0
0850-0855	0	0	0
0855-0900	0	0	0
0900-0905	0	0	0
0905-0910	0	0	0
0910-0915	0	0	0
0915-0920	0	0	0
0920-0925	0	0	0
0925-0930	0	0	0
0930-0935	0	0	0
0935-0940	0	0	0
0940-0945	0	0	0
0945-0950	0	0	0
0950-0955	0	0	0
0955-1000	0	0	0
1500-1505	0	0	0
1505-1510	0	0	0
1510-1515	0	0	0
1515-1520	0	0	0
1520-1525	0	0	0
1525-1530	0	0	0
1530-1535	0	0	0
1535-1540	0	0	0
1540-1545	0	0	0
1545-1550	0	0	0
1550-1555	0	0	0
1555-1600	0	0	0
1600-1605	0	0	0
1605-1610	0	0	0
1610-1615	0	0	0
1615-1620	0	0	0
1620-1625	0	0	0
1625-1630	0	0	0
1630-1635	0	0	0
1635-1640	0	0	0
1640-1645	0	0	0
1645-1650	0	0	0
1650-1655	0	0	0
1655-1700	0	0	0
1700-1705	0	0	0
1705-1710	0	0	0
1710-1715	0	0	0
1715-1720	0	0	0
1720-1725	0	0	0
1725-1730	0	0	0
1730-1735	0	0	0
1735-1740	0	0	0
1740-1745	0	0	0
1745-1750	0	0	0
1750-1755	0	0	0
1755-1800	0	0	0
1800-1805	0	0	0
1805-1810	0	0	0
1810-1815	0	0	0
1815-1820	0	0	0
1820-1825	0	0	0
1825-1830	0	0	0
1830-1835	0	0	0
1835-1840	0	0	0
1840-1845	0	0	0
1845-1850	0	0	0
1850-1855	0	0	0
1855-1900	0	0	0

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 03

	Q1		Q2		Q3	
	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2
0700-0705	0	0	0	0	0	0
0705-0710	0	0	0	0	0	0
0710-0715	0	0	0	0	0	0
0715-0720	0	0	0	0	0	0
0720-0725	0	0	0	0	0	0
0725-0730	0	0	0	0	0	0
0730-0735	0	0	0	0	0	0
0735-0740	0	0	0	0	0	0
0740-0745	0	0	0	0	0	0
0745-0750	0	0	0	0	0	0
0750-0755	0	0	0	0	0	0
0755-0800	0	0	0	0	0	0
0800-0805	0	0	0	0	0	0
0805-0810	0	0	0	0	0	0
0810-0815	0	0	0	0	0	0
0815-0820	0	0	0	0	0	0
0820-0825	0	0	0	0	0	0
0825-0830	0	0	0	0	0	0
0830-0835	0	0	0	0	0	0
0835-0840	0	0	0	0	0	0
0840-0845	0	0	0	0	0	0
0845-0850	0	0	0	0	0	0
0850-0855	0	0	0	0	0	0
0855-0900	0	0	0	0	0	0
0900-0905	2	0	0	0	0	0
0905-0910	0	0	0	0	0	0
0910-0915	0	0	0	0	0	0
0915-0920	0	0	0	0	0	0
0920-0925	1	0	0	0	0	0
0925-0930	0	0	0	0	0	0
0930-0935	0	0	0	0	0	0
0935-0940	0	0	0	0	0	0
0940-0945	0	0	0	0	0	0
0945-0950	0	0	0	0	0	0
0950-0955	0	0	0	0	0	0
0955-1000	0	0	0	0	0	0
1500-1505	0	0	1	0	0	0
1505-1510	0	0	0	0	0	0
1510-1515	0	0	0	0	0	0
1515-1520	0	0	0	0	0	0
1520-1525	0	0	0	0	0	0
1525-1530	0	0	0	0	0	0
1530-1535	0	0	0	0	0	0
1535-1540	0	0	0	0	0	0
1540-1545	0	0	1	1	0	0
1545-1550	0	0	1	0	0	0
1550-1555	0	0	0	0	0	0
1555-1600	0	0	0	0	0	0
1600-1605	0	0	0	0	0	0
1605-1610	0	0	0	0	0	0
1610-1615	0	0	0	0	0	0
1615-1620	0	0	0	0	0	0
1620-1625	0	0	0	0	0	0
1625-1630	0	0	0	0	0	0
1630-1635	0	0	0	1	0	0
1635-1640	0	0	0	1	0	0
1640-1645	0	0	0	0	0	0
1645-1650	0	0	0	0	0	0
1650-1655	0	0	0	0	0	0
1655-1700	0	0	0	0	0	0
1700-1705	0	0	0	0	0	0
1705-1710	0	0	0	1	0	0
1710-1715	0	0	0	0	0	0
1715-1720	0	0	0	0	0	0
1720-1725	0	0	0	0	0	0
1725-1730	0	0	0	0	0	0
1730-1735	0	0	0	0	0	0
1735-1740	0	0	0	0	0	0
1740-1745	0	0	0	0	0	0
1745-1750	0	0	0	0	0	0
1750-1755	0	0	0	0	0	0
1755-1800	0	0	0	0	0	0
1800-1805	0	0	0	0	0	0
1805-1810	0	0	0	0	0	0
1810-1815	0	0	0	0	0	0
1815-1820	0	0	0	0	0	0
1820-1825	0	0	0	0	0	0
1825-1830	0	0	0	0	0	0
1830-1835	0	0	0	0	0	0
1835-1840	0	0	0	0	0	0
1840-1845	0	0	0	0	0	0
1845-1850	0	0	0	0	0	0
1850-1855	0	0	0	0	0	0
1855-1900	0	0	0	0	0	0

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 04

	Q1	
	Lane1	Lane2
0700-0705	0	0
0705-0710	0	0
0710-0715	0	0
0715-0720	0	0
0720-0725	1	0
0725-0730	1	0
0730-0735	1	0
0735-0740	1	0
0740-0745	1	0
0745-0750	3	0
0750-0755	2	0
0755-0800	1	0
0800-0805	0	0
0805-0810	0	0
0810-0815	1	0
0815-0820	2	0
0820-0825	2	0
0825-0830	0	0
0830-0835	1	0
0835-0840	1	0
0840-0845	1	0
0845-0850	1	0
0850-0855	1	0
0855-0900	1	0
0900-0905	1	0
0905-0910	1	0
0910-0915	0	0
0915-0920	1	0
0920-0925	0	0
0925-0930	1	0
0930-0935	1	0
0935-0940	1	0
0940-0945	0	0
0945-0950	1	0
0950-0955	2	0
0955-1000	1	0
1500-1505	1	0
1505-1510	1	0
1510-1515	1	0
1515-1520	0	0
1520-1525	0	0
1525-1530	1	0
1530-1535	0	0
1535-1540	0	0
1540-1545	1	0
1545-1550	1	0
1550-1555	1	0
1555-1600	1	0
1600-1605	1	0
1605-1610	2	0
1610-1615	1	0
1615-1620	0	0
1620-1625	4	0
1625-1630	1	0
1630-1635	1	0
1635-1640	1	0
1640-1645	1	0
1645-1650	0	0
1650-1655	0	0
1655-1700	1	0
1700-1705	1	0
1705-1710	1	0
1710-1715	1	0
1715-1720	1	0
1720-1725	1	0
1725-1730	0	0
1730-1735	1	0
1735-1740	0	0
1740-1745	0	0
1745-1750	1	0
1750-1755	2	0
1755-1800	1	0
1800-1805	1	0
1805-1810	0	0
1810-1815	1	0
1815-1820	1	0
1820-1825	0	0
1825-1830	1	0
1830-1835	1	0
1835-1840	0	0
1840-1845	0	0
1845-1850	0	0
1850-1855	1	0
1855-1900	0	0

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 05

	Q1	Q2	Q3
	Lane 1	Lane1	Lane1
0700-0705	0	0	0
0705-0710	0	0	0
0710-0715	1	0	0
0715-0720	0	0	0
0720-0725	0	0	0
0725-0730	0	0	0
0730-0735	1	0	0
0735-0740	0	1	0
0740-0745	1	0	0
0745-0750	1	0	0
0750-0755	0	0	0
0755-0800	1	1	0
0800-0805	0	0	0
0805-0810	1	0	0
0810-0815	0	0	0
0815-0820	0	0	0
0820-0825	1	0	0
0825-0830	0	0	0
0830-0835	0	2	0
0835-0840	0	0	0
0840-0845	0	0	0
0845-0850	0	0	0
0850-0855	1	0	0
0855-0900	1	0	0
0900-0905	0	0	0
0905-0910	0	0	0
0910-0915	0	0	0
0915-0920	0	0	0
0920-0925	0	1	0
0925-0930	0	0	0
0930-0935	0	0	0
0935-0940	0	0	0
0940-0945	1	0	0
0945-0950	0	0	0
0950-0955	0	0	0
0955-1000	0	0	0
1500-1505	0	1	0
1505-1510	0	0	0
1510-1515	1	0	0
1515-1520	0	0	0
1520-1525	0	0	0
1525-1530	0	0	0
1530-1535	0	0	0
1535-1540	1	1	0
1540-1545	0	0	0
1545-1550	0	0	0
1550-1555	0	0	0
1555-1600	0	0	0
1600-1605	1	1	0
1605-1610	0	0	0
1610-1615	0	1	0
1615-1620	0	0	0
1620-1625	0	1	0
1625-1630	0	0	0
1630-1635	0	0	0
1635-1640	0	1	0
1640-1645	1	1	0
1645-1650	0	0	0
1650-1655	1	0	0
1655-1700	1	0	0
1700-1705	0	1	0
1705-1710	0	1	0
1710-1715	1	0	0
1715-1720	1	0	0
1720-1725	0	0	0
1725-1730	0	0	0
1730-1735	0	0	0
1735-1740	0	0	0
1740-1745	0	1	0
1745-1750	0	0	0
1750-1755	0	0	0
1755-1800	0	1	0
1800-1805	0	2	0
1805-1810	0	0	0
1810-1815	0	0	0
1815-1820	0	0	0
1820-1825	0	1	0
1825-1830	0	0	0
1830-1835	0	0	0
1835-1840	0	0	0
1840-1845	0	0	0
1845-1850	0	0	0
1850-1855	0	0	0
1855-1900	0	0	0

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 06

	Q1		Q2		Q3		Q4		Q5		Q6		Q7	
	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2
0700-0705	0	1	5	0	1	1	3	0	0	5	0	3	2	0
0705-0710	0	0	3	1	0	0	5	0	0	1	1	2	0	0
0710-0715	0	0	9	1	0	1	3	0	0	2	0	1	3	0
0715-0720	0	1	3	1	0	2	4	1	1	1	1	2	2	0
0720-0725	0	0	11+	3	0	1	7	0	1	5	1	5	2	0
0725-0730	1	1	8+	2	2	0	6	1	0	3	1	2	3	0
0730-0735	0	1	8+	2	1	1	12	0	1	5	1	5	2	0
0735-0740	1	1	8	2	2	5	13	1	1	13	0	4	5	1
0740-0745	0	1	9+	5	2	2	10	1	0	11	1	8	2	1
0745-0750	2	2	9+	5+	2	3	15+	1	1	16	0	7	2	2
0750-0755	1	1	11+	6+	1	8	8	1	2	12	1	8	3	2
0755-0800	1	1	11+	6+	1	1	3	1	4	9	1	22	5	1
0800-0805	1	2	12+	6+	2	4	15+	1	0	6	1	6	5	1
0805-0810	0	0	12+	6+	2	3	10	0	1	5	1	2	3	1
0810-0815	1	0	11+	1	1	4	4	0	3	2	2	5	3	0
0815-0820	0	2	11+	2	3	1	9	3	0	5	0	4	2	1
0820-0825	1	1	7	2	0	1	5	0	0	4	0	6	2	0
0825-0830	3	1	9+	6+	1	2	4	0	0	5	1	20	3	1
0830-0835	1	2	11+	3	4	0	5	1	0	4	0	4	3	1
0835-0840	0	1	8	1	2	1	13	1	0	4	1	3	2	0
0840-0845	1	2	5	1	2	0	4	0	0	4	0	3	2	1
0845-0850	2	3	7	2	0	2	9	0	0	4	1	5	3	1
0850-0855	0	0	9+	1	1	2	9	1	1	2	0	1	2	1
0855-0900	0	2	7	1	3	2	11	0	1	6	0	1	0	1
0900-0905	1	1	4	1	1	1	7	1	1	4	1	4	1	1
0905-0910	1	0	5	0	0	1	2	0	0	2	0	4	1	0
0910-0915	1	1	2	2	0	0	4	1	0	1	0	1	2	1
0915-0920	1	1	5	0	1	2	2	1	0	2	0	5	0	1
0920-0925	2	1	3	1	1	3	3	0	0	3	0	1	1	2
0925-0930	1	2	1	2	1	1	3	1	2	2	0	1	1	0
0930-0935	3	2	2	2	3	1	2	0	1	4	1	2	1	2
0935-0940	1	2	1	0	0	1	1	0	0	1	0	1	0	0
0940-0945	1	1	2	0	2	2	9	1	1	1	0	2	0	0
0945-0950	0	0	1	0	1	2	2	1	2	1	0	1	1	0
0950-0955	0	1	2	0	5	1	1	0	1	2	1	3	0	1
0955-1000	0	1	0	1	1	0	3	0	0	0	0	0	0	1
1500-1505	2	2	3	0	3	4	9	1	1	2	1	5	1	0
1505-1510	2	1	4	0	2	3	5	3	1	4	0	3	1	2
1510-1515	1	2	2	0	2	6	14	1	1	5	1	3	1	3
1515-1520	0	1	2	2	1	7	5	0	1	3	1	3	3	0
1520-1525	1	0	2	0	2	6	8	1	1	1	0	3	1	0
1525-1530	1	2	2	1	1	10	15	1	1	4	1	4	1	0
1530-1535	2	2	2	1	0	[illegible]	12	0	0	5	0	2	0	0
1535-1540	1	1	3	0	2	5	15+	0	1	4	1	3	1	0
1540-1545	1	1	0	0	3	5	16+	1	1	2	1	6	0	1
1545-1550	4	0	8	1	1	7	13	0	2	3	0	6	1	0
1550-1555	1	3	4	1	1	11	5	1	1	3	0	3	0	1
1555-1600	2	6	4	1	1	6	8	0	1	3	1	2	2	4
1600-1605	2	4	5	2	2	5	17+	1	0	3	0	3	0	1
1605-1610	0	2	5	0	2	8	15+	2	1	3	1	3	1	1
1610-1615	0	1	4	1	5	8	6	1	1	3	0	2	1	2
1615-1620	2	1	3	2	2	11	2	0	1	1	1	3	2	0
1620-1625	1	2	8	0	1	11	13	2	1	4	0	3	0	1
1625-1630	1	1	2	0	1	4	5	1	0	5	1	2	3	0
1630-1635	1	1	2	0	5	1	9	1	3	3	1	3	1	1
1635-1640	1	1	1	1	1	3	7	1	1	1	1	3	2	1
1640-1645	1	2	7	0	3	6	12	0	2	1	1	5	0	0
1645-1650	1	1	4	1	1	2	9	2	2	3	1	3	0	0
1650-1655	3	2	4	0	2	3	8	1	1	4	1	2	2	1
1655-1700	1	2	1	1	1	4	12	1	1	1	1	3	4	0
1700-1705	1	1	3	0	1	3	6	0	1	3	1	4	1	3
1705-1710	1	3	2	0	2	3	9	1	2	2	1	4	1	1
1710-1715	1	1	11	0	3	5	9	1	1	3	0	2	2	0
1715-1720	1	2	1	0	2	3	6	0	1	3	1	6	1	1
1720-1725	1	2	3	1	2	2	15	0	2	2	0	1	1	0
1725-1730	2	1	2	0	1	2	7	0	1	2	0	7	1	0
1730-1735	1	1	2	1	1	2	5	0	1	2	0	3	0	1
1735-1740	1	2	1	0	2	3	3	0	0	1	1	4	0	1
1740-1745	2	2	1	0	2	3	2	1	0	3	0	2	0	1
1745-1750	1	2	1	1	2	1	4	0	0	3	0	3	1	2
1750-1755	1	1	1	2	2	2	4	0	0	4	1	5	0	0
1755-1800	1	1	3	2	3	1	3	1	0	1	1	1	1	1
1800-1805	2	1	1	2	4	1	7	0	1	1	0	2	1	0
1805-1810	2	1	3	0	2	4	2	1	1	0	2	2	0	0
1810-1815	1	1	7	1	2	3	5	0	1	1	1	4	1	0
1815-1820	1	0	4	0	5	8	3	0	1	2	0	1	0	1
1820-1825	1	1	5	1	2	1	11	0	0	3	0	2	0	1
1825-1830	0	1	1	1	1	1	2	1	0	1	0	2	2	1
1830-1835	0	1	1	1	1	0	4	0	0	2	1	3	1	0
1835-1840	1	1	3	0	2	3	4	0	1	1	0	2	2	0
1840-1845	1	0	3	1	2	1	2	0	0	2	0	2	1	0
1845-1850	1	2	1	1	1	2	7	0	0	1	0	2	0	1
1850-1855	1	0	7	0	1	1	2	1	0	3	0	2	2	1
1855-1900	0	0	1	2	1	0	1	2	2	1	0	1	3	2

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 07

	Q1		Q2			Q3			Q4			Q5			Q6			
	Lane1	Lane2	Lane1	Lane2	Lane3	Lane1	Lane2	Lane3	Lane1	Lane2	Lane3	Lane1	Lane2	Lane3	Lane1	Lane2	Lane3	Lane1
0700-0705	3	1	9	4	1	0	1	0	4	5	6	2	10	6	1	5	7	0
0705-0710	1	1	12	2	1	1	2	0	7	1	10	1	12	9	2	4	6	0
0710-0715	1	0	13	10	2	1	1	0	6	6	9	3	10	8	2	4	5	0
0715-0720	3	4	12	9	1	2	2	0	9	6	8	1	9	8	2	5	4	0
0720-0725	5	2	9	8	2	2	3	1	8	8	14	4	9	12	1	5	7	0
0725-0730	2	1	9	6	0	1	4	1	11	9	11	2	14	13	0	5	11	0
0730-0735	2	5	12	9	2	2	1	0	17	7	18	0	18	15	3	6	9	0
0735-0740	4	6	13	9	0	4	2	1	20+	6	21+	2	35	16	1	6	5	0
0740-0745	3	1	13+	12	0	3	3	1	19+	8	12	1	36	21	1	7	6	0
0745-0750	2	4	13+	9	2	4	4	1	17+	9	18+	1	34	20	0	13	14	0
0750-0755	1	3	11	12	2	2	3	2	20+	10	10	1	36	24	1	6	9	0
0755-0800	3	1	12	8	1	4	6	1	10	9	15	2	34	17	2	7	12	0
0800-0805	2	5	13+	10	1	3	3	0	12	11	17	0	34	21	2	7	8	0
0805-0810	2	3	11	12	2	3	3	0	19+	5	14	1	31	24	3	8	16	0
0810-0815	6	4	13+	12	0	7	3	1	14	10	8	5	33	22	4	11	13	0
0815-0820	6	6	13+	13+	1	4	5	0	17+	7	18+	1	12	7	2	7	11	0
0820-0825	3	1	13+	13+	1	3	2	1	9	4	7	3	10	13	2	7	6	0
0825-0830	2	1	14+	15+	3	3	2	1	18	7	15	1	10	12	1	6	10	0
0830-0835	2	1	14+	14+	1	5	10	1	15	6	20	1	10	7	2	5	8	0
0835-0840	2	2	15+	16	2	3	9	0	21+	6	9	0	8	9	1	5	5	0
0840-0845	2	2	14+	13	2	1	3	0	19+	8	15	2	8	8	1	3	6	0
0845-0850	2	2	16+	12	2	3	4	1	7	7	8	1	10	11	1	5	6	0
0850-0855	2	2	15+	12	2	3	3	0	19+	7	9	1	9	9	1	6	9	0
0855-0900	3	3	13+	14	1	3	3	0	15	4	4	3	9	8	2	3	4	0
0900-0905	1	3	13+	9	1	4	4	0	5	8	3	1	7	7	1	8	7	0
0905-0910	1	3	12	6	1	4	6	1	9	4	7	2	8	10	2	8	4	0
0910-0915	3	2	13+	7	0	3	3	0	6	7	13	2	7	11	2	3	5	0
0915-0920	2	3	13+	11	2	2	2	0	7	5	6	2	6	5	2	7	6	0
0920-0925	1	6	13+	5	3	3	5	1	4	3	7	2	5	7	1	6	4	0
0925-0930	2	2	9	5	2	3	2	0	8	4	7	3	3	5	3	4	3	0
0930-0935	4	3	10	6	1	1	2	0	5	3	6	1	9	5	0	3	8	0
0935-0940	2	3	11	4	1	2	3	0	5	6	8	0	8	9	2	4	6	0
0940-0945	1	3	8	4	1	2	2	0	5	4	8	3	6	3	0	3	4	0
0945-0950	3	1	10	3	0	2	2	0	8	2	8	0	3	5	2	2	3	0
0950-0955	0	3	12	8	2	4	3	0	10	5	9	1	5	6	2	2	3	0
0955-1000	0	3	10	3	0	2	6	1	6	3	4	2	2	2	2	2	3	0
1500-1505	2	2	13+	11	2	4	2	1	12	6	8	2	8	8	1	3	7	0
1505-1510	1	3	11	8	1	4	6	0	9	6	7	2	7	6	1	2	8	0
1510-1515	1	4	13+	5	1	6	3	1	19+	5	10	2	7	9	2	5	2	0
1515-1520	1	2	12+	13	0	13	11	1	6	6	8	1	8	7	2	7	5	0
1520-1525	1	1	12+	16	0	9	7	1	12	7	12	1	7	8	3	4	6	0
1525-1530	1	4	13+	11	1	2	4	2	8	7	8	2	4	8	1	5	4	0
1530-1535	4	3	10	7	1	5	6	0	21+	7	19+	1	7	8	1	2	6	0
1535-1540	1	1	13+	8	0	9	7	0	22+	8	11	3	6	7	2	2	4	0
1540-1545	1	2	15+	16	2	10	9	1	13	6	14	0	10	9	1	6	7	0
1545-1550	1	1	14+	13	3	13	9	1	15	6	11	2	6	7	0	8	3	0
1550-1555	1	2	14+	13	2	12	5	1	13	7	9	4	4	7	1	6	8	0
1555-1600	6	1	13+	13	1	13	11	1	10	8	13	1	7	8	1	5	5	0
1600-1605	2	3	13+	14	0	13	11	1	10	7	15	1	6	8	1	4	6	7
1605-1610	2	3	13	14+	2	12	6	1	13	8	11	2	6	9	2	6	5	10
1610-1615	3	3	11	14+	1	13	10	0	15	10	9	1	7	5	1	6	3	7
1615-1620	4	3	12	14+	0	11	11	0	12	10	10	1	6	10	1	6	8	3
1620-1625	3	4	13+	13+	1	11	7	1	17	8	15	1	10	8	3	7	6	12
1625-1630	4	6	13+	13+	2	13	10	2	24+	10	10	1	6	6	2	4	3	11
1630-1635	4	3	13+	15+	1	12	9	2	24+	11	7	1	9	5	1	6	5	2
1635-1640	3	5	12	17+	1	13	9	0	25+	8	9	2	7	5	0	6	5	0
1640-1645	0	4	13+	15+	1	12	7	1	17	8	8	2	7	5	2	5	4	0
1645-1650	3	3	12	16+	1	12	10	2	23+	5	17	0	5	8	0	8	7	0
1650-1655	2	2	12	16+	1	13	12	0	22+	10	16	1	10	8	0	8	8	0
1655-1700	1	1	13+	13+	1	13	9	0	20+	6	14	4	7	4	1	5	5	0
1700-1705	1	0	12	18+	2	12	8	3	21+	6	12	3	9	7	2	5	4	0
1705-1710	1	2	13	18+	1	11	10	2	22+	10	15	5	12	7	2	9	6	0
1710-1715	2	3	13+	18+	3	12	6	1	21+	11	16	3	10	5	2	7	3	0
1715-1720	1	1	12	18+	2	11	7	1	21+	12	13	1	12	6	0	8	5	0
1720-1725	1	6	13+	18+	1	8	2	0	22+	10	13	1	12	12	0	5	6	0
1725-1730	1	4	13+	18+	0	5	2	1	23+	10	9	3	10	8	1	6	9	0
1730-1735	2	1	13+	12	1	4	4	0	21+	11	10	1	5	4	1	6	4	0
1735-1740	1	2	13	9	2	3	5	1	22+	12	14	1	10	7	1	5	7	0
1740-1745	4	3	13	16+	0	5	4	1	21+	11	11	1	6	7	1	5	4	0
1745-1750	4	3	13+	14	0	4	9	1	23+	11	11	2	8	10	2	4	7	0
1750-1755	1	2	13+	18+	1	6	11	2	22+	10	10	3	12	11	2	7	7	0
1755-1800	1	2	12	15	2	8	11	1	25+	6	12	1	3	13	1	10	5	0
1800-1805	1	3	12	8	1	6	11	1	26+	7	4	0	7	4	2	9	5	0
1805-1810	1	2	8	9	1	9	11	1	17	9	9	1	10	7	1	5	6	0
1810-1815	1	1	10	11	1	4	4	1	9	5	6	2	6	8	1	5	6	2
1815-1820	1	5	8	10	1	3	9	1	9	4	10	2	5	8	1	6	4	0
1820-1825	1	2	8	11	1	3	9	0	10	2	15	1	5	4	1	3	3	0
1825-1830	1	2	8	7	0	1	2	0	15	7	9	1	8	9	1	7	7	0
1830-1835	1	1	9	9	1	2	4	1	6	5	7	1	6	7	1	2	4	0
1835-1840	2	2	7	9	1	1	3	1	9	5	2	1	5	3	1	3	6	0
1840-1845	1	1	7	6	2	1	2	0	7	5	7	2	7	4	1	4	5	0
1845-1850	0	1	5	6	1	2	6	2	3	2	1	2	6	7	1	3	5	0
1850-1855	1	1	8	6	2	2	5	0	6	2	5	1	6	9	1	4	7	0
1855-1900	0	1	7	8	0	1	1	0	3	4	3	1	2	5	1	2	2	0

Q7		Q8			Q9			Q10			Q11		
Lane2	Lane3	Lane1	Lane2	Lane3	Lane1	Lane2	Lane3	Lane1	Lane2	Lane3	Lane1	Lane2	Lane3
0	0	8	7	1	0	0	0	1	3	2	12	7	2
0	0	6	7	0	0	0	0	1	2	2	14	8	1
0	0	6	8	1	0	0	0	1	2	4	16	16	2
0	0	12	6	2	0	0	0	2	6	4	12	20	2
0	0	9	8	1	0	0	0	2	4	6	16	19	2
0	0	9	9	2	0	0	0	3	2	2	21	16	1
13	0	17	11	2	0	0	0	3	6	8	20	23	2
9	0	15	12	1	0	0	0	3	10	12	20	23	5
16	0	14	11	0	0	0	0	4	11	12	22	23	1
7	0	15	15	1	0	0	0	4	8	4	24	22	3
11	0	18	15	1	0	5	0	5	8	4	23	20	3
8	0	19	11	1	0	3	0	5	4	9	21	23	4
0	0	17	9	2	0	6	0	5	6	6	23	19	2
0	0	13	10	1	0	7	0	3	6	5	21	21	2
9	0	17	12	4	0	9	0	4	8	5	20	18	2
8	0	16	15	0	0	6	0	7	8	6	18	19	2
7	0	17	10	1	0	0	0	5	6	7	18	19	1
0	0	15	14	1	0	0	0	3	4	6	12	19	4
0	0	12	12	1	0	9	0	4	6	9	15	12	2
0	0	13	7	3	0	8	0	5	5	6	14	11	3
0	0	10	7	1	2	5	0	6	7	8	15	9	2
0	0	11	7	1	0	6	0	5	5	9	11	7	1
0	0	13	8	2	6	0	0	7	6	5	10	17	2
12	0	11	9	1	0	3	0	5	6	9	15	16	1
5	0	17	14	1	0	6	0	4	7	3	10	7	1
0	0	10	7	3	5	4	0	5	8	3	10	11	1
0	0	9	8	0	0	4	0	4	4	5	12	19	3
0	0	8	9	1	0	7	0	2	4	3	5	5	1
0	0	11	5	2	0	4	0	7	4	3	7	4	1
0	0	11	3	2	0	0	0	2	7	2	11	2	0
0	0	9	9	2	0	0	0	2	6	4	10	10	1
0	0	8	7	1	0	0	0	2	4	4	9	8	1
0	0	7	5	1	0	2	0	3	6	7	16	8	3
0	0	7	6	1	0	1	0	5	2	7	8	7	2
0	0	11	6	4	0	0	0	4	4	8	11	9	1
0	0	9	6	2	0	3	0	2	5	1	6	6	1
0	0	5	8	0	0	0	0	1	4	2	17	13	2
0	0	9	9	3	0	7	0	3	4	3	8	12	4
0	0	10	10	1	0	0	0	3	3	2	9	12	3
0	0	12	6	1	0	6	0	5	2	1	7	9	3
0	0	9	9	0	0	3	0	3	3	1	11	11	2
6	0	15	9	1	0	2	0	1	3	2	13	16	1
8	0	18	9	1	7	8	0	1	5	3	15	16	0
9	0	18	8	3	3	8	0	5	3	2	7	8	9
0	0	13	12	2	0	7	0	4	3	2	9	10	1
5	0	17	4	2	0	8	0	1	5	2	15	15	4
0	0	12	10	0	0	7	0	3	6	2	16	19	1
9	0	18	12	2	9	4	0	3	5	2	13	11	1
9	0	16	8	1	0	5	0	3	2	2	21	17	1
6	0	16	9	2	1	9	0	3	5	4	23	17	2
6	0	12	7	1	0	6	0	2	3	2	21	14	1
11	4	17	13	3	0	8	0	3	7	7	22	18	3
11	0	18	6	1	0	8	0	4	7	3	22	19	1
0	0	17	12	1	8	8	0	4	5	3	21	13	1
8	0	18	12	3	0	8	0	4	3	4	20	13	1
12	0	17	12	1	6	4	0	3	2	2	20	11	1
6	0	16	7	3	0	8	0	3	2	1	21	17	3
0	0	16	8	0	0	5	0	2	2	1	15	10	1
13	0	17	11	1	3	6	0	1	1	1	21	16	0
3	0	17	13	1	8	6	0	1	1	1	15	12	2
0	0	11	10	1	0	7	0	0	4	0	22	14	2
0	0	13	10	1	0	4	0	1	4	1	20	15	2
10	0	15	9	1	7	6	0	1	1	0	17	13	0
10	0	17	9	1	0	4	0	2	2	1	21	14	4
10	0	18	10	2	0	6	0	2	2	1	22	12	1
8	0	18	13	1	0	4	0	2	2	0	19	13	2
7	0	15	8	1	0	5	0	2	2	0	11	9	0
0	0	9	8	0	0	5	0	1	2	1	20	10	1
0	0	12	9	1	0	5	0	0	1	0	11	14	0
14	0	17	10	2	5	8	0	0	3	0	18	13	1
14	0	15	12	3	7	8	0	1	2	0	13	9	4
9	0	17	12	1	0	8	0	2	2	1	9	11	3
8	0	18	10	1	0	5	0	0	1	0	13	8	1
9	0	16	7	1	0	6	0	1	2	1	18	14	1
14	0	17	10	1	0	7	0	0	2	0	10	15	5
5	0	15	11	3	0	7	0	3	5	0	2	15	3
0	0	14	7	2	9	5	0	3	2	0	6	13	2
0	0	7	6	1	0	8	0	2	2	0	6	9	1
0	0	10	7	0	0	4	0	1	2	0	7	12	0
0	0	11	9	0	0	7	0	0	3	0	10	5	0
0	0	13	6	1	0	0	0	1	0	0	4	8	1
0	0	10	4	1	0	3	0	4	2	0	3	5	0
0	0	7	8	1	0	7	0	2	2	0	5	10	2
0	0	7	3	1	0	0	0	0	1	2	6	8	2

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 08

	Q1		Q2		Q3		Q4	
	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2	Lane1	Lane2
0700-0705	7	3	0	0	1	0	0	6
0705-0710	10+	0	1	1	1	0	1	13+
0710-0715	5	1	0	0	2	0	0	9
0715-0720	5	1	4	1	2	0	0	13+
0720-0725	10+	1	5	1	3	0	0	11
0725-0730	11+	0	0	3	1	0	0	13+
0730-0735	9+	2	4	1	1	0	1	15+
0735-0740	11+	2	0	0	1	0	0	13+
0740-0745	11+	1	2	0	4	0	1	15+
0745-0750	11+	1	0	0	2	0	0	13+
0750-0755	11+	1	1	1	6	0	0	13+
0755-0800	11+	1	5	1	2	0	0	15+
0800-0805	10+	1	6	0	5	0	1	13+
0805-0810	10+	1	1	1	2	0	1	13+
0810-0815	11+	1	1	0	3	0	0	13+
0815-0820	10+	2	11+	1	5	0	1	13+
0820-0825	11+	0	10	0	3	0	1	13+
0825-0830	11+	1	1	1	3	0	2	13+
0830-0835	10+	1	1	2	4	0	1	13+
0835-0840	10+	1	11+	1	5	0	0	13+
0840-0845	10	1	1	0	5	0	1	13+
0845-0850	11+	2	3	0	1	0	1	13+
0850-0855	10+	1	2	1	1	0	2	13+
0855-0900	11+	2	5	2	4	0	1	10
0900-0905	10+	0	1	2	4	0	1	8
0905-0910	10+	0	6	0	2	0	1	10
0910-0915	10	1	0	1	3	0	1	5
0915-0920	3	0	1	0	2	0	0	8
0920-0925	11+	3	1	1	2	0	1	3
0925-0930	2	0	2	2	1	0	1	3
0930-0935	2	0	1	0	2	0	1	5
0935-0940	6	0	1	0	1	0	0	5
0940-0945	5	0	1	1	1	0	0	6
0945-0950	9	0	5	1	1	0	0	4
0950-0955	3	0	2	1	2	0	0	5
0955-1000	2	0	4	1	2	0	0	6
1500-1505	2	0	6	2	2	0	1	3
1505-1510	6	0	2	2	1	0	2	6
1510-1515	6	0	1	5	3	1	7	6
1515-1520	8	0	9	2	2	0	1	3
1520-1525	10+	0	3	1	4	0	1	13+
1525-1530	11+	1	4	2	3	0	3	5
1530-1535	11+	2	10+	1	4	0	4	14
1535-1540	10+	0	3	4	3	0	2	3
1540-1545	10+	0	2	2	4	0	2	8
1545-1550	8	0	3	3	6	0	1	13+
1550-1555	9	0	3	3	2	0	2	7
1555-1600	5	1	1	5	3	0	2	13+
1600-1605	4	0	7+	2	3	0	3	3
1605-1610	7	1	2	3	1	0	1	9
1610-1615	11+	0	3	2	2	0	1	9
1615-1620	6	0	2	1	4	0	2	5
1620-1625	4	0	10+	2	2	0	1	3
1625-1630	5	0	3	3	1	0	1	7
1630-1635	3	0	5	3	2	0	3	13
1635-1640	2	0	2	3	4	0	2	6
1640-1645	7	0	3	3	3	0	2	11
1645-1650	4	3	4	2	6	0	0	13+
1650-1655	4	2	3	2	4	0	2	13+
1655-1700	4	0	3	4	3	0	2	8
1700-1705	11+	1	5	3	6	0	0	13+
1705-1710	10+	2	2	3	7	0	2	13+
1710-1715	8	1	2	2	2	0	2	9
1715-1720	7	0	2	2	4	0	2	13+
1720-1725	11	3	2	3	3	0	2	13+
1725-1730	4	0	1	4	4	0	2	13+
1730-1735	2	0	4	6	2	0	3	13+
1735-1740	7	0	3	1	4	0	2	4
1740-1745	6	3	10+	4	1	1	1	7
1745-1750	4	0	3	1	1	0	3	4
1750-1755	5	1	1	2	3	0	2	5
1755-1800	4	0	6	4	4	0	2	5
1800-1805	2	0	2	2	4	0	2	4
1805-1810	6	0	7+	1	2	0	2	7
1810-1815	9	0	7+	3	4	0	1	5
1815-1820	2	1	6	1	4	0	2	4
1820-1825	2	0	2	3	3	0	3	5
1825-1830	2	0	5	3	1	0	2	3
1830-1835	7	0	6	1	3	0	2	6
1835-1840	3	0	1	2	3	0	2	6
1840-1845	2	0	2	3	3	0	2	8
1845-1850	2	0	2	1	3	0	1	5
1850-1855	2	0	1	1	4	0	2	1
1855-1900	1	0	2	2	2	0	2	2

Severnside
Transportation Data Collection

SS1743 Pennllergaer
Tuesday 5th March 2025
0700-1000 & 1500-1900
Site 09

	Q1	Q2	Q3	
	Lane1	Lane1	Lane1	Lane2
0700-0705	2	1	0	5
0705-0710	3	1	0	3
0710-0715	3	3	0	0
0715-0720	3	7	3	2
0720-0725	9+	1	1	2
0725-0730	8+	11	0	2
0730-0735	5	2	2	2
0735-0740	6	4	4	2
0740-0745	9	4	2	4
0745-0750	7+	3	0	4
0750-0755	7+	2	6	4
0755-0800	6	2	2	4
0800-0805	8+	15+	0	5
0805-0810	7	7	7	5
0810-0815	8+	15+	9	6
0815-0820	9+	12	6	5
0820-0825	4	10	5	7
0825-0830	9+	16	3	4
0830-0835	9+	6	7	5
0835-0840	9+	10	4	5
0840-0845	9+	4	4	1
0845-0850	3	7	0	5
0850-0855	3	5	6	2
0855-0900	4	11	1	2
0900-0905	7	5	1	1
0905-0910	2	5	0	0
0910-0915	2	1	1	3
0915-0920	5	7	0	0
0920-0925	2	7	0	1
0925-0930	2	3	0	4
0930-0935	3	4	0	1
0935-0940	2	1	0	0
0940-0945	3	7	0	0
0945-0950	8+	5	0	2
0950-0955	7	6	1	6
0955-1000	2	4	0	4
1500-1505	4	16+	1	2
1505-1510	9+	15+	1	3
1510-1515	9+	16+	3	0
1515-1520	9+	16+	0	2
1520-1525	9+	16+	0	1
1525-1530	9+	16+	0	0
1530-1535	9+	15+	0	2
1535-1540	8+	16+	1	2
1540-1545	8+	15+	0	0
1545-1550	8+	15+	0	1
1550-1555	4	16+	0	0
1555-1600	5	15+	0	0
1600-1605	8+	16+	0	1
1605-1610	8+	15+	0	1
1610-1615	9+	15+	0	0
1615-1620	8+	15+	0	5
1620-1625	8+	13+	3	1
1625-1630	8+	14+	0	0
1630-1635	8+	13+	3	1
1635-1640	8+	14+	0	2
1640-1645	8+	14+	2	2
1645-1650	6	15+	0	1
1650-1655	8+	13+	0	0
1655-1700	5	15+	0	0
1700-1705	8+	14+	1	3
1705-1710	6	13+	0	1
1710-1715	8+	10+	1	2
1715-1720	6	9	0	0
1720-1725	5	7	1	3
1725-1730	8+	5	0	0
1730-1735	4	3	0	0
1735-1740	6	4	1	0
1740-1745	5	6	0	0
1745-1750	6	5	0	0
1750-1755	5	3	0	0
1755-1800	5	2	1	6
1800-1805	2	3	0	0
1805-1810	4	3	2	1
1810-1815	9+	3	0	0
1815-1820	9+	3	1	1
1820-1825	6	2	1	1
1825-1830	4	2	0	0
1830-1835	3	1	0	1
1835-1840	6	5	3	0
1840-1845	5	7	0	0
1845-1850	7	4	3	1
1850-1855	3	3	0	2
1855-1900	7	2	0	0

With every community, we redefine what's possible.

Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.

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