


**Proposed development,
of up to 27 residential dwellings
on land to the east of Gowerton Road
Three Crosses,
Swansea**

Transport Statement

June 2024

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1 INTRODUCTION

1.1 Background

1.1.1 Asbri Transport Limited have been instructed by Westacres to produce a Transport Statement (TS) in support of a full planning application for the proposed development of up to 13 open market houses and 14 affordable residential dwellings on land located to the east of Gowerton Road, Three Crosses, Swansea.

1.1.2 The proposed development is at the pre-application stage, with this draft TS being issued in support of the pre-application submission.

1.1.3 The site location is shown in **Figure 1.1**.

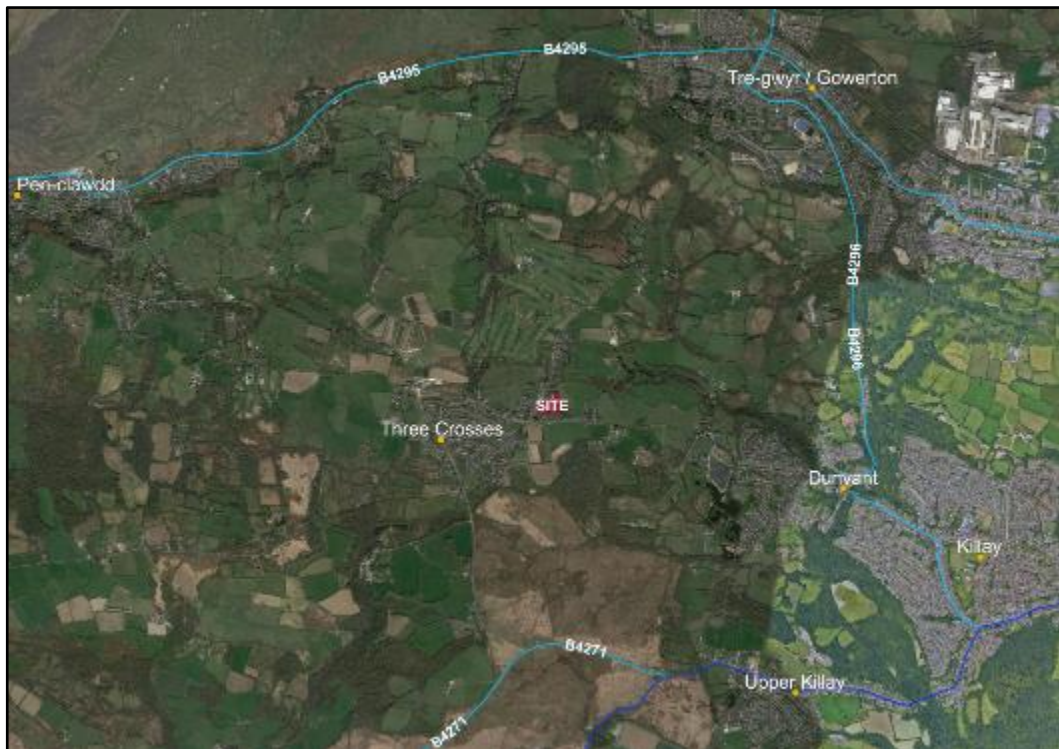


Figure 1.1 Site location

1.2 Highway Authority pre-application comments

1.2.1 On 12 September 2023, a Transport Statement was submitted to the LPA to accompany the pre planning application enquiry (ref. 2023/1937/PRE). The Highway Authority provided observations on the application on 28 December 2023, which referenced the following matters;

- Servicing and maintenance of the existing water tower located on site;
- Access visibility splays
- Pedestrian and cyclist access into the site
- Servicing of the residential dwellings and turning manoeuvres, including emergency services and a box Luton home shopping delivery type vehicle
- The provision of cycle parking and compliance with the SPG.

1.2.2 These points have been addressed within this Transport Statement.

1.3 Purpose of the Report

1.3.1 The purpose of this report is to detail the likely transport characteristics of the proposed development and identify the potential impact of the proposals on the surrounding transport network. This report also considers the on-site layout with regard to parking provision.

1.4 Structure of the Report

1.4.1 Following this introductory section, the report is structured as follows:

- Section 2 details a land use planning and transport planning policy review;
- Section 3 details the existing situation and outlines existing highway safety within the vicinity of the site;
- Section 4 of the report describes the development proposals and the access strategy for all modes of travel;
- Section 5 considers the likely travel demand generated by the proposed development on the surrounding highway network;
- Section 6 assesses the impact of the development on the performance of the local road network and public transport services; and,
- Section 7 provides the conclusions of the report.

2 POLICY REVIEW

2.1 Introduction

2.1.1 This chapter of the report reviews national and local transport related planning policy guidance that is relevant to the proposed development.

2.2 Wales Spatial Plan – People, Places, Futures

2.2.1 The Wales Spatial Plan – People, Places Future (WSP) – was originally adopted by the National Assembly for Wales in November 2004, and updated in 2008 to bring the WSP into line with One Wales [see below] and to give status to the Area work which has developed over the previous two years.

2.2.2 In Wales, spatial planning is the consideration of what can and should happen where. It is a principle of the WSP that development should be sustainable. Sustainable development is about improving well-being and quality of life by integrating social, economic and environmental objectives in the context of more efficient use of natural resources.

2.2.3 The purpose of the WSP is to ensure that what is done in the public, private and third sectors in Wales is integrated and sustainable, and that actions within an area support each other and jointly move towards a shared vision for Wales and for the different parts of Wales.

Achieving sustainable development

2.2.4 The WSP states that:

'In the context of responding to and mitigating the effects of climate change, the Wales Spatial Plan supports the development of spatially targeted responses. These include reducing the need to travel by co-locating jobs, housing and services, for instance, and changing behaviour in favour of 'greener' modes of travel, such as car sharing, public transport, walking and cycling.'

2.3 Planning Policy Wales (Edition 11, February 2021)

2.3.1 Planning Policy Wales (PPW) sets out the land use planning policies of the Welsh Assembly Government (the Assembly Government). It is supplemented by a series of Technical Advice Notes (TANs). Procedural advice is given in circulars and policy clarification letters.

2.3.2 PPW states that:

‘The planning system should enable people to access jobs and services through shorter, more efficient and sustainable journeys, by walking, cycling and public transport. By influencing the location, scale, density, mix of uses and design of new development, the planning system can improve choice in transport and secure accessibility in a way which supports sustainable development, increases physical activity, improves health and helps to tackle the causes of climate change and airborne pollution by:

- *Enabling More Sustainable Travel Choices – measures to increase walking, cycling and public transport, reduce dependency on the car for daily travel;*
- *Network Management – measures to make best use of the available capacity, supported by targeted new infrastructure; and,*
- *Demand Management – the application of strategies and policies to reduce travel demand, specifically that of single-occupancy private vehicles.’*

2.3.3 The overarching goal of The Welsh Government is to reduce reliance on single occupancy vehicles and support a modal shift to walking, cycling and public transport.

2.3.4 The Assembly Government aims to extend choice in transport and secure accessibility in a way which supports sustainable development and helps to tackle the causes of climate change by: enabling more sustainable travel choices, manage both the current and future transport network effectively and minimising the need to travel via single-occupancy private vehicles. This will be achieved through the integration:

- Within and between different types of transport;
- Between transport measures and land use planning;

- Between transport measures and policies to protect and improve the environment; and,
- Between transport measures and policies for education, health, social inclusion and wealth creation.

2.3.5 PPW states that:

'The planning system has a key role to play in reducing the need to travel and supporting sustainable transport, by facilitating developments which:

- *Are sited in the right locations, where they can be easily accessed by sustainable modes of travel and without the need for a car;*
- *Are designed in a way which integrates them with existing land uses and neighbourhoods: and;*
- *Make it possible for all short journeys within and beyond the development to be easily made by walking and cycling.'*

2.3.6 In addition, PPW outlines:

'Transport Assessments can be required for any proposed development if the planning authority considers that there is a justification or specific need.'

Promoting cycling and walking

2.3.7 PPW details the Welsh Government's objective of promoting active travel and references the Active Travel (Wales) Act 2013. This Act is referenced below.

'The Active Travel Act (Wales) 2013 makes walking and cycling the preferred option for shorter journeys, particularly everyday journeys, such as to and from a workplace or education establishment, or in order to access health, leisure or other services or facilities. The Active Travel Act requires local authorities to produce Integrated Network Maps, identifying the walking and cycling routes required to create fully integrated networks for walking and cycling to access work, education, services and facilities.'

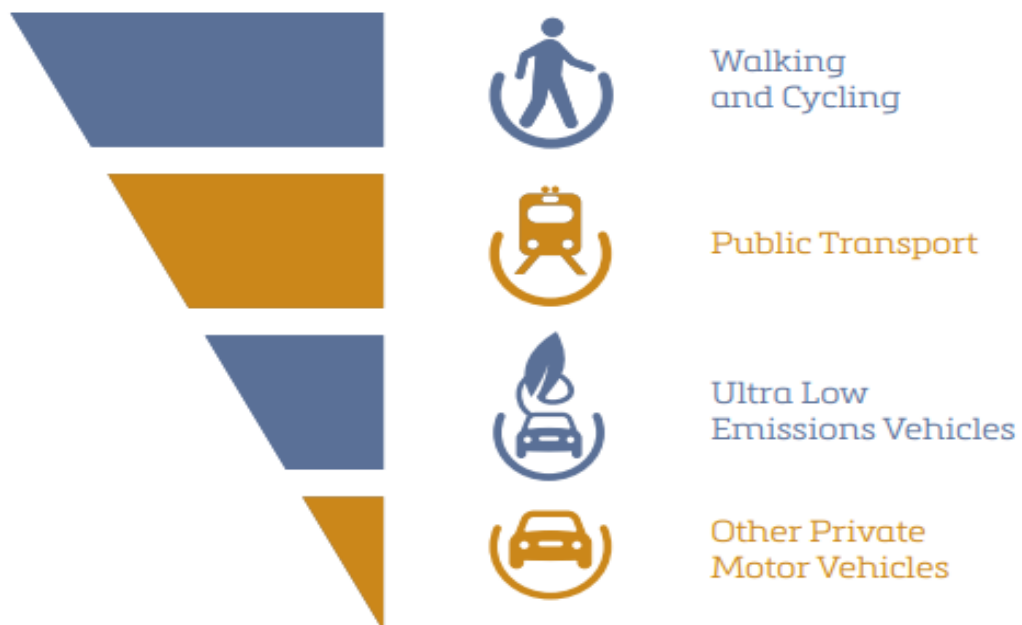
2.3.8 PPW also states that:

'The planning system has an important role to play in promoting and supporting the delivery of the Active Travel Act and creating the right environments and infrastructure to make it easier for people to walk and cycle, including new and improved routes and related facilities.'

2.3.9 And,

'Planning authorities should also seek to assist the completion of the national cycle network and key links to and from the network.'

2.3.10 PPW includes the following Hierarchy for Planning:



2.3.11 In relation to the sustainable transport hierarchy, PPW states that:

'The sustainable transport hierarchy should be used to reduce the need to travel, prevent car-dependent developments in unsustainable locations, and support the delivery of schemes located, designed and supported by infrastructure which prioritises access and movement by active and sustainable transport. The sustainable transport hierarchy must be a key principle in the preparation of development plans, including site allocations, and when considering and determining planning applications.'

2.3.12 PPW also references the Active Travel Act 2013 which is discussed in further detail in subsection 2.7 below.

Parking

2.3.13 In relation to parking, PPW details:

'Car parking provision is a major influence on how people choose to travel and the pattern of development...Planning authorities must support schemes which keep parking levels down, especially off-street parking, when well designed.'

2.3.14 Additionally, PPW states:

'Parking provision should be informed by the local context, including public transport accessibility, urban design principles and the objective of reducing reliance on the private car and supporting a modal shift to walking, cycling and public transport. Planning authorities must support schemes which keep parking levels down, especially off-street parking, when well designed. The needs of disabled people must be recognised and adequate parking provided for them.'

2.3.15 PPW notes that Local authorities are required to develop an integrated parking strategy which complies with the overall transport and locational policies of the development plan. Additionally, maximum levels of parking for broad classes of development should be established in conjunction with a threshold size of development above which such levels will apply.

2.3.16 Technical Advice Note 18 also details national planning policy on parking matters and this is described in sub-section 2.9.

2.4 One Wales: Connecting the Nation

2.4.1 National transport policy for Wales is specified within the Wales Transport Strategy, One Wales: Connecting the Nation, which is supplemented by a series of Technical Advice Notes (TANs).

2.4.2 The goal of One Wales: Connecting the Nation is to:

'Promote sustainable transport networks that safeguard the environment while strengthening our country's economic and social life. The transport strategy identifies a series of high-level outcomes and sets out the steps to their delivery. The One Wales

programme is working to achieve a nation with access for all, where travelling between communities and accessing services, jobs and facilities in different parts of Wales is both easy and sustainable, and which support the growth of our economy.'

2.5 Technical Advice Note 18: Transport (TAN18)

2.5.1 TAN 18 identifies that Planning Policy Wales and the Wales Transport Strategy both aim to secure the provision of transport infrastructure and services, which improve accessibility, build a stronger economy, improve road safety and foster more sustainable communities. To achieve this and the core objectives, the following initiatives relevant to the proposed development are:

- Reducing the need to travel;
- Promoting walking and cycling;
- Managing parking provision; and,
- Encouraging the location of development near other related uses to encourage multi-purpose trips.

2.5.2 Section 3.4 to 3.6 of TAN 18 references 'Accessible Housing Development', which in summary, seeks to ensure that housing development is sustainable in transport and movement terms including maximising the opportunity for residents to walk and cycle to local facilities and public transport stops.

2.5.3 TAN 18 notes that where larger housing development applications require a Transport Assessment, information on measures to encourage sustainable travel, (as detailed in TAN 18) shall be incorporated in the TA.

2.6 Active Travel Act 2013 (Wales)

2.6.1 The Active Travel Act places a requirement on local authorities to continuously improve facilities for those who walk and cycle and to prepare information, such as maps, that identify current and potential future routes for their use.

2.6.2 The Act also requires highway authorities to have regard in the construction and improvement of highways to enhance provision for cyclists and pedestrians. The Active Travel Act makes provision for:

- Approved maps of existing active travel routes and related facilities in a local authority's area;
- Approved integrated network maps of the new and improved active travel routes and related facilities needed to create integrated networks of active travel routes and related facilities in a local authority's area;
- Requiring local authorities to have regard to integrated network maps in preparing transport policies and to make continuous improvements in the range and quality of active travel routes and related facilities; and,
- Requiring the Welsh Ministers and local authorities, in constructing and improving highways, to have regard to the desirability of enhancing the provision made for walking and cycling.

2.7 Well-being of Future Generations (Wales) Act 2015

2.7.1 The well-being of Future Generations (Wales) Act 2015 is about improving the social, economic, environmental and cultural well-being of Wales.

2.7.2 It aims to encourage public bodies to take in to consideration long-term aspirations, and reflect on the manner in which they work with people and communities to prevent problems.

2.7.3 The act identifies 7 well-being goals:

- A globally responsible Wales
- A prosperous Wales
- A resilient Wales
- A Healthier Wales

- A more equal Wales
- A Wales of cohesive communities
- A Wales of vibrant culture and thriving Welsh language

2.7.4 Large emphasis within the act is placed on ‘The Sustainable Development Principle’, which ensures that public bodies act in a manner which meet the needs of the present without compromising the ability of future generations to meet their own needs.

2.8 Swansea Local Development Plan 2010-2025 (Adopted February 2019)

2.8.1 Swansea’s LDP applies to the period 2010-2025 and provides a framework to address the key issues facing the County through policies and proposals. The LDP aims to enable the delivery of sustainable development, and ensure that social, economic, environmental and cultural wellbeing goals are all suitably balanced in the decision-making process so that the right development occurs in the right place.

2.8.2 Policy T2: Active Travel states that:

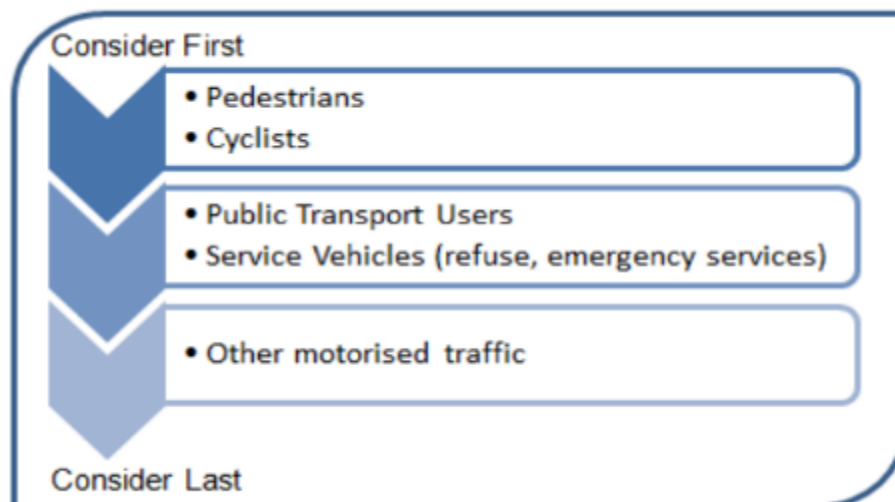
‘Development must take opportunities to enhance walking and cycling access by incorporating within the site, and/or making financial contributions towards the delivery off-site of, the following measures as appropriate:

- *Permeable, legible, direct, convenient, attractive and safe walking and cycling routes that connect the proposed development to: surrounding settlements; public transport nodes; community facilities; commercial and employment areas; tourism facilities; and leisure opportunities;*
- *Improvements, connections, and/or extensions to: existing PROWs (particularly bridleways); the Wales Coastal Path; the Cycle Swansea Bay routes; National Cycle Network Routes 4 and 43; Safe Routes to School; shared use paths; and routes forming part of the Green Infrastructure network;*
- *The delivery of infrastructure designed in accordance with standards of good practice; and*

- *Facilities that encourage the uptake of walking and cycling, including but not limited to: appropriate signage; secure and convenient cycle parking; and changing and shower facilities.'*

2.8.3 The LDP states that:

'The design and function of streets must be treated as an integral aspect of place making and must not be considered in isolation. Therefore, the User Hierarchy, as featured in Manual for Streets will be utilised in assessing the transport and access aspects of proposals. Favourable consideration will be given to developments which, through their design and layout, give priority to movements by active transport and public transport, whilst appreciating the demands of service vehicles, such as refuse and recycling collection vehicles. Room for such vehicles must be properly designed for in any development and they should not be expected to reverse into or from a highway to undertake collections. Where necessary appropriate turning heads, with measures to ensure they are kept clear, will need to be included.'



2.9 Conclusion to policy review

2.9.1 The key objectives of the land use planning and transport policies are to deliver sustainable, safe transport to support the development. The policy context detailed has fully informed the development proposal detailed within this TS.

3 EXISTING SITUATION

3.1 Introduction

3.1.1 In order to assess the impact of the development proposals, it is necessary to establish the conditions that exist within the surrounding transport network. This section of the report therefore describes the existing transport network within the vicinity of the site.

3.2 Site Location

3.2.1 The proposed site is located in the settlement of Three Crosses on land to the east of Gowerton Road. The site is bounded by housing associated with the settlement to the north and south, Gowerton Road abuts the western boundary and greenfield land immediately to the east.

3.2.2 The site is currently in use as a livery yard with 2 free-standing buildings. There is also a disused water tower present at the site which houses telecommunications apparatus.

3.2.3 The location of the site is indicated in **Figure 3.1**.

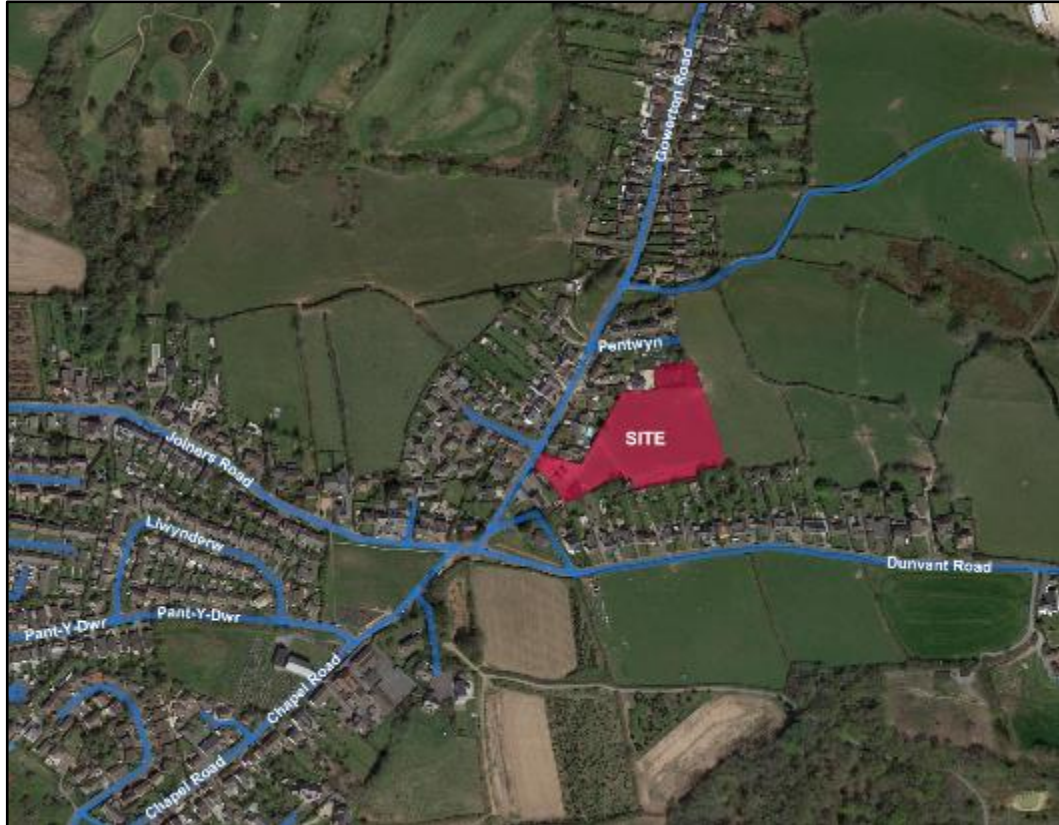


Figure 3.1 Local Highway Network

3.3 Traffic Calming in Three Crosses

3.3.1 Several of the through-traffic routes through the settlement of Three Crosses have been traffic calmed in recent years. The traffic calming measures implemented are predominantly raised road humps but there are also priority features where one direction of traffic has priority over opposing traffic.

3.4 Active Travel Provision

Pedestrians

3.4.1 Footway provision is of a reasonable standard within the vicinity of the site and within Three Crosses generally but it is noted that there are sections of highway where there is no footway provision.

3.4.2 There are footways of approximately 1.6-1.8m wide generally present along both sides of the carriageway of Gowerton Road immediately to the north of the application site. Street lighting is present, ensuring the footways are well lit at night.

3.4.3 To the north-east on Gowerton Road footway provision is generally restricted to the western side of the carriageway. There is also no footway on the eastern side of Gowerton Road to the south of the proposed access to the application site. Beyond this location and to the south footway provision is generally intermittent along Joiners Road, Dunvant Road and Chapel Road. This is in keeping with the level of footway provision prevalent in many settlements on Gower.

3.4.4 Pedestrian crossing provision by way of dropped kerbs and tactile paving is present on Gowerton Road and Dunvant Road in the vicinity of its junction with Chapel Road and Joiners Road. This provides a safe crossing point on the A48 for pedestrians.

3.4.5 Pedestrian paths have been constructed on the Green providing for west/east and north/south movement and vice versa.

Cyclists

3.4.6 Cycling as a mode of travel is ever increasing and is seen as a key travel mode for a modal shift away from the private car.

3.4.7 Cycle infrastructure nearest to the proposed development is indicated below in **Figure 3.2**.



Figure 3.2 Local Cycle Network

3.4.8 There are no National Cycle Network (NCN) routes within the vicinity of the application site but NCN route 4 is situated 2km directly east from the development site.

3.4.9 NCN route 4 is a long-distance route between London and Fishguard via Reading, Bath, Bristol, Newport, Swansea, Carmarthen, Tenby, Haverfordwest and St. David's. Within the context of Swansea, NCN route 4 is primarily a traffic-free route.

Active Travel Network Map

3.4.10 The Welsh Government Active Travel Network Maps show future walking and cycling routes to be subject to feasibility studies within proximity of the development site. These are depicted in **Figure 3.3** below.

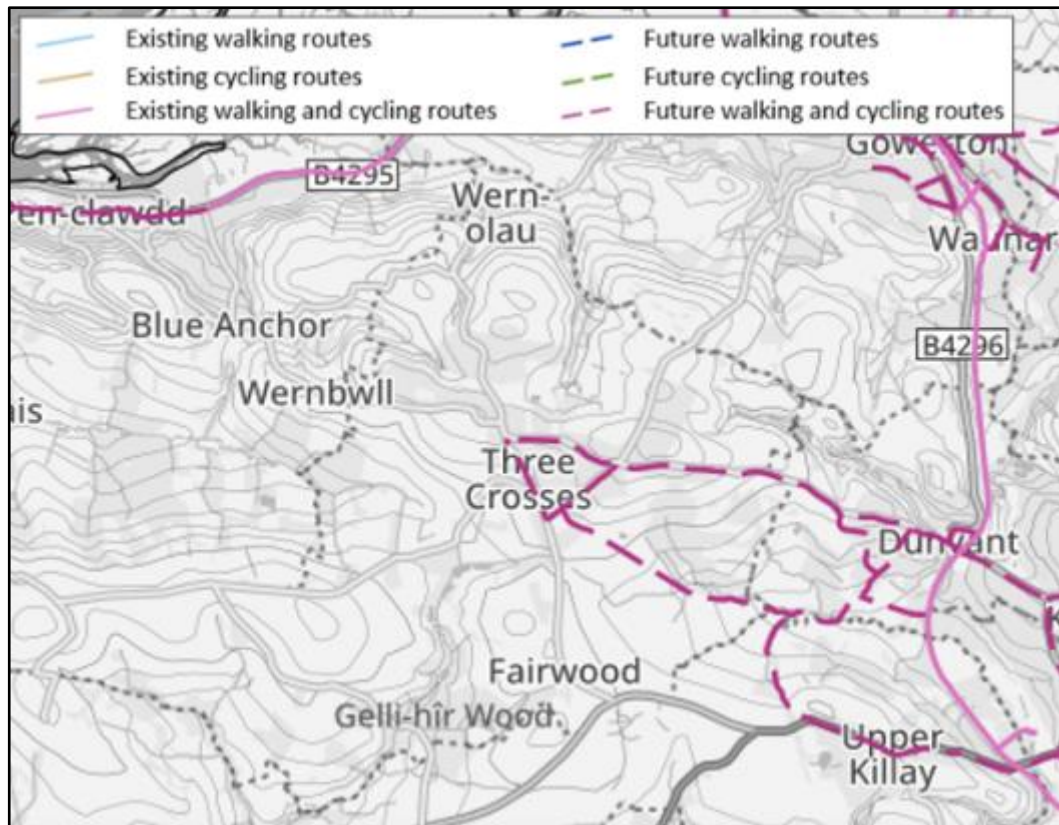


Figure 3.3 Active Travel Network map

3.4.11 As can be seen, a link to existing NCN routes has been identified as a future walking and cycling route.

3.5 Public Transport

3.5.1 Pedestrian infrastructure within proximity of the development site is shown in **Figure 3.4**



Figure 3.4 Local public transport infrastructure

Bus

3.5.2 The nearest bus stops are situated on Duvant Road and Joiners Road to the south of the application site both of which are served by services 21&22.

3.5.3 Both stops are located within 160m of the centre of the application site equating to a 2-minute walk. A bus shelter is present at the Duvant Road stop. The location of the local bus stops can be seen in **Figure 3.5**.

3.5.4 The bus services operating from this stop and within the vicinity are summarised in **Table 3.1**, below.

Route No.	Destination	Frequency
21	Priors Way - Swansea	Mon-Sat: 07:02, 07:53 & 18:50
	Swansea - Priors Way	Mon-Sat: 18:43
22	Three Crosses - Swansea	Mon-Sat: 09:25, 11:25, 13:55, 16:55 & 18:00
	Swansea - Three Crosses	Mon-Sat: 08:18, 11:18, 13:48, 16:48 & 17:53

Table 3.1 Bus services operating within proximity

Rail

3.5.5 There is no railway station located in Three Crosses. The nearest station to the development site is Gowerton, located approximately 2.75km to the north-east.

3.5.6 Gowerton Railway Station is served by Transport for Wales and provides regular half hourly – hourly services to destinations across the South Wales Mainline such as Carmarthen, Haverfordwest and Fishguard to the west and Swansea, Neath, Port Talbot, Bridgend, Cardiff central and Newport. Direct services also run to and from Manchester Piccadilly.

3.6 Local Amenities

3.6.1 The Chartered Institution of Highways and Transportation (CIHT) guidelines ‘Providing for Journeys on Foot’ suggest that the desirable walking distance for ‘commuting/school’ walking trips is 500 metres, the acceptable distance is 1km, and 2km is the preferred maximum. The desirable walking distance for ‘Elsewhere’ (this includes access to local amenities) is 400m, the acceptable distance is 800m and 1.2km is the preferred maximum.

3.6.2 **Figure 3.2** indicates the local amenities/facilities available within a 15-minute walk from the centre of the proposed development site.

3.6.3 The local amenities within Three Crosses are set out in Table 3.1 below. Walk distances have been measured from the centre of the application site.

Amenity/Facility	Distance	Walk Time	Cycle Time
Crwys Primary School	280m	3.5 mins	<1 min
Three Crosses Playground	260m	3 mins	<1 min
Post office & Village Store	800m	10 mins	1 min
Three Crosses Community Centre	145m	2 mins	1 min
Chapel y Crwys	290m	3.5 mins	2 mins
Pondffald Inn (Public House)	935m	11-12 mins	3 mins

Table 3.2 Local Amenities within proximity of the site

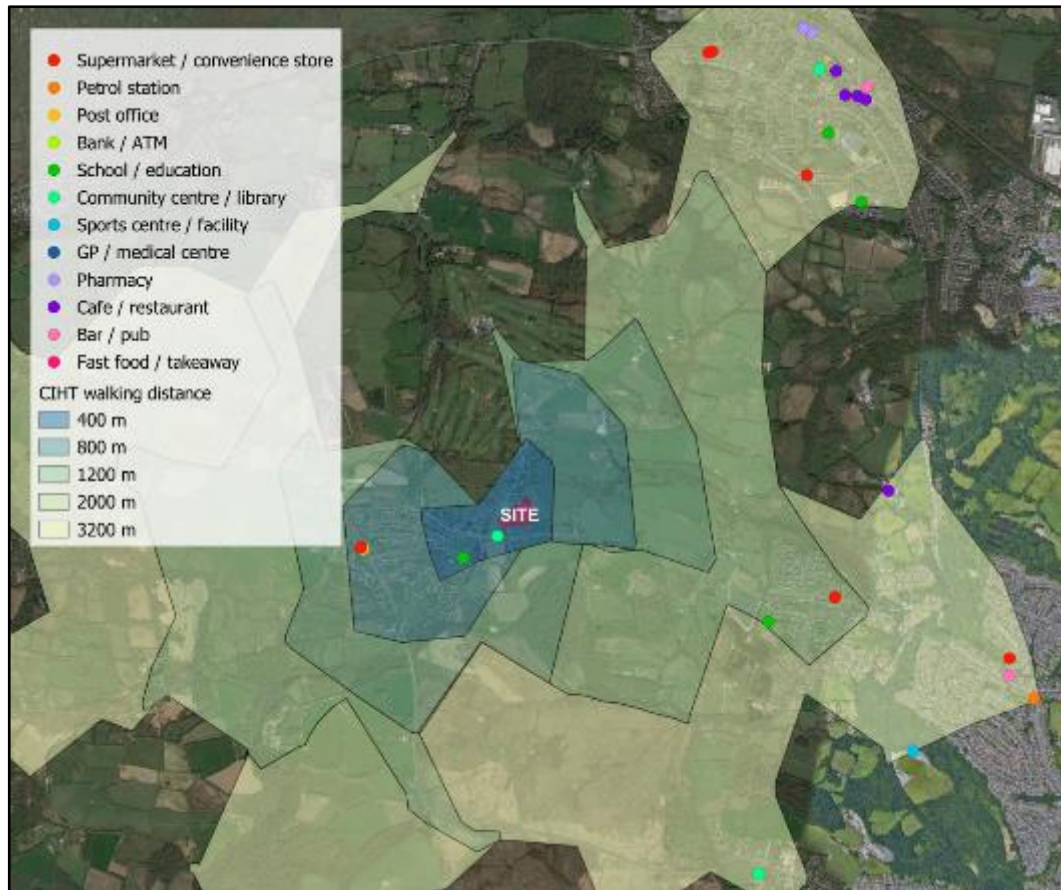


Figure 3.5 Local Amenities

3.7 Highway Network

3.7.1 The following section of the report describes the highway network in the vicinity of the site. As stated earlier in the report there has been extensive traffic calming measures implemented in Three Crosses over recent years.

3.7.2 The local highway network, including the site location, can be seen in **Figure 3.1**.

Gowerton Road

3.7.3 Gowerton Road follows a northerly alignment linking Three Crosses to Gowerton approximately 2.5km to the north-east by way of a single carriageway road. Most of the settlement of Three Crosses is located west of Gowerton Road and Chapel Road.

3.7.4 The road is predominantly residential in nature within Three Crosses and this changes to a more rural land use once north-east of the settlement. Its carriageway width reduces significantly at a point approximately 500m north-east of the application site.

3.7.5 Gowerton Road is subject to a 20-mph speed limit in the vicinity of the application site. There is a traffic calming feature providing priority to south-bound traffic within 20m of its junction with Dunvant Road.

3.7.6 Heavy Goods Vehicles greater than 7.5 tonnes in gross vehicle weight are banned from using the road (except for access) and this prohibition is signed at its mini-roundabout junction with Mount Street and Mount Pleasant to the north and its priority junction with Dunvant Road to the south.

Joiners Road and Dunvant Road

3.7.7 Both roads traverse Three Crosses in a westerly alignment providing a connection to Dunvant approximately 2.5km to the east. They are subject to a 20 mph speed limit and both are traffic calmed by the presence of road humps.

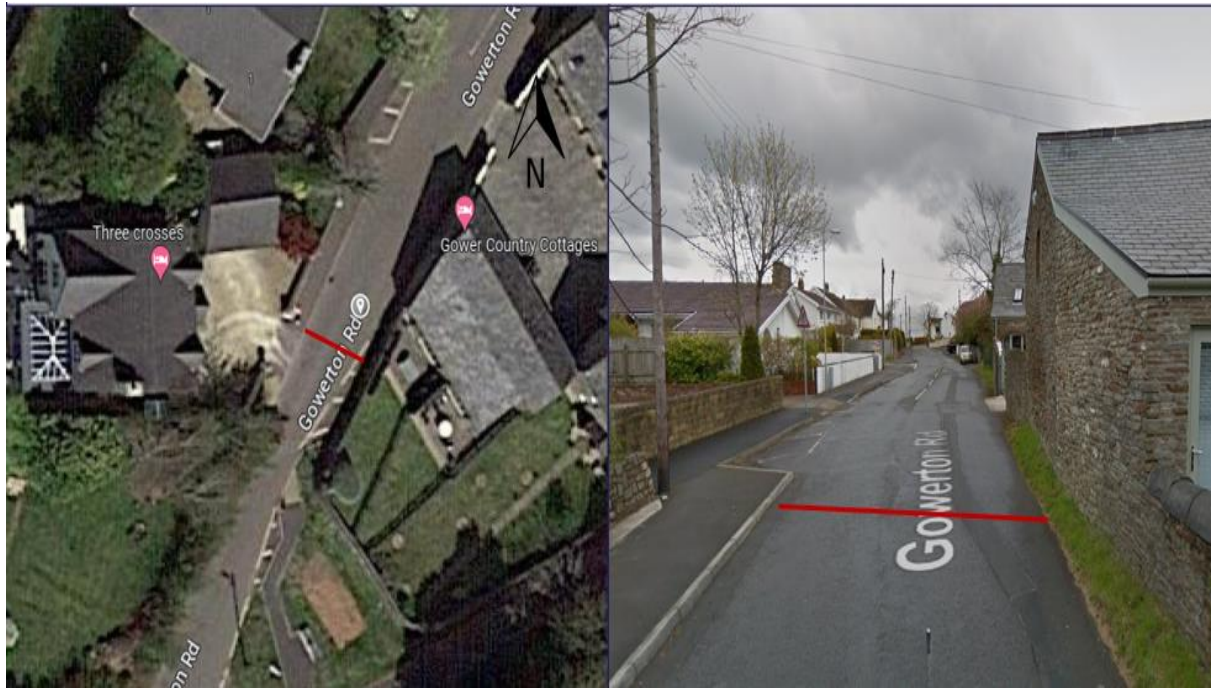
3.7.8 Both are single two-way carriageway road with varying widths of approximately 4.58-6.5m in the vicinity of the site. Street lighting is present on both sides of the carriageway with intermittent footway provision. A footway link is provided along the southern side of Joiners Road.

3.7.9 Bus stops are present along the eastern and western carriageway of Bryntirion Road. Both bus stops are provided with a shelter and timetable information. Bryntirion Road currently forms mini-roundabout junction with Y Llanerch along the eastern boundary of the site.

3.8 Automatic Traffic Count

3.8.1 An automatic traffic count was undertaken on Gowerton Road in July 2023. This predated the national implementation of a 20mph speed limit for restricted roads.

3.8.2 The counter was located to the south of the proposed site access as per photograph 3.1 below.



Photograph 3.1: Automatic Traffic Counter location

3.8.3 A summary of the traffic volume and speed data is detailed in Table 3.3 below:

SS1179 Three Crosses Swansea																	
Site	Location	Lat / Long	Direction	JULY 2023		Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Posted Speed 110%(PSL) + 2 (SL1)				DfT PSL+15 (SL2)		Mean Speed	85 th ile Speed
				Start Date	End Date					>PSL	>PSL%	>SL1	>SL1%	>SL2	>SL2%		
1	Gowerton Road	51.629354 - 4.062354	Northbound	07 July 2023	13 July 2023	30	4723	710	675	299	6.3	78	1.7	5	0.1	22.3	27.2
			Southbound	07 July 2023	13 July 2023		6251	916	893	76	1.2	8	0.1	2	0.0	20.6	24.7
			Two-Way	07 July 2023	13 July 2023		10974	1627	1568	375	3	86	1	7	0	21	26

3.8.4 The two-way 85th percentile traffic speed was recorded as 26mph and two-way average daily traffic flows were approximately 1600 vehicles.

3.8.5 The full data set is included at **Appendix A**.

3.9 Highway Safety

3.9.1 Personal Injury Collision (PIC) data was reviewed on the Welsh Government Open Data web site for the most recent 5-year period available (2018-2022).

3.9.2 There are no injury collisions recorded within the study area adopted for this Transport Statement as shown in **Figure 3.6**



Figure 3.6 Personal Injury Collision Data (PIC)

4 DEVELOPMENT PROPOSALS

4.1 Land use

4.1.1 As outlined in section 1, it is proposed to construct up to 27 residential dwellings on a parcel of greenfield land located to the east of Gowerton Road, Three Crosses.

4.1.2 The dwellings will be a mix of open market and affordable houses. The accommodation schedule for the development is shown in **Table 4.1**.

Accommodation type	No.
Open Market Units	
3-bedroom house	3
4-bedroom house	10
Subtotal	13
Affordable Units	
1 bedroom house	4
2-bedroom house	2
3-bedroom house	8
Subtotal	14
Total	27

Table 4.1 Accommodation schedule

4.1.3 A masterplan layout for the proposed development is shown in **Appendix B**.

4.1.4 The masterplan indicates the internal layout of the site and access points for pedestrians, cyclists and vehicles.

4.2 Access

Vehicular

4.2.1 Vehicular access to the development site will be via a priority junction formed with Gowerton Road. Carriageway within the curtilage of the development site will be 5.5m wide accompanied by two 2-metre-wide footways.

4.2.2 Visibility splays have been plotted at the site access which are shown in **Appendix C**. It can be seen that a visibility splay of 43m is available to the north and 35.15m to the south of the site.

Pedestrian & Cyclist

- 4.2.3 Pedestrians and cyclists will be able to access the site via 2m footways accompanying the carriageway throughout the development site. This will be on both edges of the carriageway, but separated by grass verge on the southern edge.
- 4.2.4 At the junction access itself, a 2m footway will be present at the north edge of carriageway and an informal crossing point with dropped kerbs and tactile paving will be present to facilitate north-south crossing.
- 4.2.5 Off-site pedestrian improvements will be implemented with an informal crossing point with dropped kerbs and tactile paving across Gowerton Road, north of the Gowerton Road/Coed-Y-Crwys priority junction. This is shown within the site plan.

Refuse Collection & Supermarket Delivery Vehicle Access

- 4.2.6 Swept path analysis has been undertaken for a 10.2m refuse vehicle of which is able to enter and exit the site from all movements of the proposed vehicular access and use the proposed turning head.
- 4.2.7 Swept path analysis has also been undertaken of a DB32 fire appliance and a Mercedes Sprinter van, typically used for supermarket deliveries.
- 4.2.8 The above swept path analysis drawings are shown at **Appendix D**.

Water Tower

- 4.2.9 Maintenance access for the water tower within the site is required to be retained. Swept path analysis of a 3.5t panel van has been undertaken and included at **Appendix E**.

4.3 Parking

Cycle Parking Provision

- 4.3.1 Cycle parking will be provided in accordance with Swansea City Council's adopted parking standards for all dwellings.
- 4.3.2 The parking standards have no minimum requirements for houses but for apartments there is a minimum of 1 stand per 5 bedrooms for long stay and no requirements for short

stay. In summary, with relevance to residential housing developments, the SPG states that:

- Cycle parking should be located in a safe, secure and convenient location with appropriate signing
- Guidance on the design of cycle parking is available in the DfT Traffic Advisory Leaflet 5/02 “Key Elements of Cycle Parking” and in Sustrans Information Sheet FF37 “Cycle Parking”.
- Residential developments must be accessible by cycles and cycle storage must be a factor of dwelling design. In appropriate circumstances, convenient communal facilities may be provided.
- The provision of facilities for cyclists should be specifically considered whenever a Travel Plan is accepted.

4.3.3 The parking strategy layout details private secure cycle storage spaces for all dwellings which complies with Swansea City Council’s adopted parking standards for bicycles.

Car parking provision

4.3.4 Car parking at the proposed development will be provided in accordance with Swansea City Council’s Adopted Supplementary Planning Guidance.

4.3.5 **Table 4.2** details the proposed number of residential car parking spaces to be provided at the development.

Car parking standards - Zone 2-6		
Housing Type	Residents	Visitor
Houses (general purpose)	1 space per bedroom (maximum of 3 spaces)	1 space per 5 units
Apartments (general purpose)		

Table 4.2 Car parking provision

4.3.6 The SPG states that visitor parking is to be provided as a maximum of 1 per 5 dwellings.

4.3.7 Based on the above, the development is able to provide a maximum summarised in **Table 4.3**, below and the development proposes to provide a total of 60 car parking spaces.

Accommodation type	Accommodation No.	Maximum parking provision (SPG)
1 bedroom house	4	4
2-bedroom house	2	4
3-bedroom house	11	33
4-bedroom house	10	30
Total	27	71

Table 4.3 Parking schedule

5 TRANSPORT CHARACTERISTICS

5.1 Introduction

5.1.1 In order to assess the impact of the site on the existing transport infrastructure, it is necessary to assess the likely volume of vehicles accessing the site. This section of the report therefore outlines the methodology used to predict the future traffic generation and provides an estimate of likely trips to/from the development site.

Residential – Mixed private/affordable housing

5.1.2 The vehicle trip generation rate for the proposed residential development has been obtained from the TRICS 7.6.1 trip generation database. Sites were selected based on the following criteria:

- Land use: Residential – Mixed private/affordable housing
- Survey days: Monday – Friday
- Location of the development: UK, excluding Greater London, Northern Ireland and Republic of Ireland.

5.1.3 The TRICS output is set out in **Appendix F** and the peak periods are summarised in **Table 5.1** below.

Mode	Peak Period	Trip rate			Vehicles		
		Arrive	Depart	Total	Arrive	Depart	Total
Multi-modal total vehicles	0800-0900	0.121	0.385	0.506	3	10	13
	1700-1800	0.326	0.139	0.465	8	4	12
	Daily	2.092	2.161	4.253	54	56	111
Multi-modal pedestrians	0800-0900	0.056	0.193	0.249	1	5	6
	1700-1800	0.067	0.056	0.123	2	1	3
	Daily	0.677	0.663	1.340	18	17	35
Multi-modal cyclists	0800-0900	0.005	0.024	0.029	0	1	1
	1700-1800	0.012	0.005	0.017	0	0	0
	Daily	0.072	0.077	0.149	2	2	4
Multi-modal public transport users	0800-0900	0.000	0.036	0.036	0	1	1
	1700-1800	0.027	0.006	0.033	1	0	1
	Daily	0.107	0.119	0.226	3	3	6

Table 5.1 Summary of multi-modal trip generation

- 5.1.4 It can be seen from **Table 5.1** that in terms of vehicular movements, the proposed residential dwellings are likely to generate up to 13 two-way vehicle movements during the AM peak hour and 12 two-way vehicle movements during the PM peak hour.
- 5.1.5 It is considered that this level of peak hour and daily traffic will have a marginal impact on the safety and performance of the local highway network.
- 5.1.6 Regarding active travel, pedestrians are likely to generate up to 6 two-way movements during the AM and peak hour and 3 two-way pedestrian movements during the PM peak hour. Cyclists are likely to generate 1 two-way movement during the AM peak hour and 0 two-way movements during the PM peak hour.
- 5.1.7 Public transport users are likely to generate 1 two-way movement during both the AM and PM peak hour.

6 CONCLUSION

6.1 Summary

6.1.1 Asbri Transport Limited has been appointed by Westacres to produce a Transport Statement in support of a planning application for the proposed development of up to 27 residential dwellings with 13 open market houses and 14 affordable houses on land to the east of Gowerton Road, in Three Crosses, Swansea.

6.1.2 The site is situated in proximity to bus services operating along Dunvant Road, providing access to the wider areas of Dunvant, Killay and Swansea. The site has a reasonable standard of pedestrian provision with footways present for the main part of the road but it is noted that there are sections of highway in the settlement with no footway provision.

6.1.3 It is proposed to provide a vehicular access via a simple priority junction with Gowerton Road, in the location of the existing access to the Livery use that currently operates at the site.

6.1.4 An automatic traffic survey was undertaken in July 2023 which has provided traffic speed and volume data. The survey pre-dated the 20mph speed limit introduction in Wales. It is considered that there may have been a reduction in through traffic speeds in Three Crosses.

6.1.5 Active travel improvements have recently been implemented in the vicinity of the Gowerton Road/Joiners Road/Dunvant Road and Chapel Road staggered cross-roads. In addition, paths have been constructed on the northern and eastern side of the Green.

6.1.6 Trip generation for the proposed development has been derived for the TRICS 7.5.6 trip generation database. It is predicted that the proposed development is likely to generate 13 vehicles two-way in the AM peak period and 12 vehicles two-way in the PM peak period.

6.1.7 This level of traffic attraction will, it is considered have an immaterial effect on the performance of the local road network.

6.2 Conclusion

6.2.1 It is considered that the development is appropriate and acceptable in transport planning terms and that the traffic movements associated with the development proposals could be satisfactorily accommodated on the highway network.

6.2.2 The proposed development site is located with good access to nearby bus services. The site is also situated within walking distance to a number of amenities/facilities in Three Crosses, including Crwys Primary School, a Village convenience store and Post Office, reducing the need for private car-borne trips.

Appendices

Appendix A

Job Number & Title: SS1179 Three Crosses Swansea

Site Location: Gowerton Road Site 1

Survey Date: 7th July 2023

Site Location Plan



SS1179 Three Crosses Swansea

JULY 2023

Site	Location	Lat / Long	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Posted Speed Limit (PSL)		110%(PSL) + 2 (SL1)		DfT PSL+15 (SL2)		Mean Speed	85%ile Speed
										>PSL	>PSL%	>SL1	>SL1%	>SL2	>SL2%		
1	Gowerton Road	51.629354 - 4.062354	Northbound	07 July 2023	13 July 2023	30	4723	710	675	299	6.3	78	1.7	5	0.1	22.3	27.2
			Southbound	07 July 2023	13 July 2023		6251	916	893	76	1.2	8	0.1	2	0.0	20.6	24.7
			Two-Way	07 July 2023	13 July 2023		10974	1627	1568	375	3	86	1	7	0	21	26



SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)							
07 July 2023		to 13 July 2023			Direction	Northbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
07 July 2023															
0000	4	0	4	0	0	0	0	0	0	0	0	0	0	0	
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0200	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0500	5	0	2	3	0	0	0	0	0	0	0	0	0	0	
0600	15	2	9	4	0	0	0	0	0	0	0	0	0	0	
0700	29	1	16	11	0	1	0	0	0	0	0	0	0	0	
0800	63	0	51	10	0	1	1	0	0	0	0	0	0	0	
0900	42	0	24	18	0	0	0	0	0	0	0	0	0	0	
1000	50	1	42	6	0	1	0	0	0	0	0	0	0	0	
1100	51	1	40	9	0	1	0	0	0	0	0	0	0	0	
1200	48	3	36	9	0	0	0	0	0	0	0	0	0	0	
1300	62	2	46	14	0	0	0	0	0	0	0	0	0	0	
1400	51	1	36	14	0	0	0	0	0	0	0	0	0	0	
1500	58	3	37	16	0	0	2	0	0	0	0	0	0	0	
1600	52	1	41	10	0	0	0	0	0	0	0	0	0	0	
1700	61	1	48	12	0	0	0	0	0	0	0	0	0	0	
1800	44	0	32	11	0	1	0	0	0	0	0	0	0	0	
1900	27	0	19	8	0	0	0	0	0	0	0	0	0	0	
2000	35	1	25	9	0	0	0	0	0	0	0	0	0	0	
2100	30	1	25	4	0	0	0	0	0	0	0	0	0	0	
2200	18	0	17	1	0	0	0	0	0	0	0	0	0	0	
2300	15	0	12	3	0	0	0	0	0	0	0	0	0	0	
07-19	611	14	449	140	0	5	3	0	0	0	0	0	0	0	
06-22	718	18	527	165	0	5	3	0	0	0	0	0	0	0	
06-00	751	18	556	169	0	5	3	0	0	0	0	0	0	0	
00-00	763	18	565	172	0	5	3	0	0	0	0	0	0	0	

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023			to			13 July 2023			Direction Northbound						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
08 July 2023															
0000	3	0	2	1	0	0	0	0	0	0	0	0	0	0	
0100	5	0	3	2	0	0	0	0	0	0	0	0	0	0	
0200	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0400	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0500	2	1	1	0	0	0	0	0	0	0	0	0	0	0	
0600	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
0700	7	0	7	0	0	0	0	0	0	0	0	0	0	0	
0800	23	0	18	4	0	0	1	0	0	0	0	0	0	0	
0900	44	2	35	3	0	0	4	0	0	0	0	0	0	0	
1000	53	1	46	5	0	1	0	0	0	0	0	0	0	0	
1100	58	0	44	14	0	0	0	0	0	0	0	0	0	0	
1200	36	0	27	8	0	0	1	0	0	0	0	0	0	0	
1300	52	0	44	8	0	0	0	0	0	0	0	0	0	0	
1400	30	0	27	3	0	0	0	0	0	0	0	0	0	0	
1500	49	2	31	16	0	0	0	0	0	0	0	0	0	0	
1600	42	0	37	5	0	0	0	0	0	0	0	0	0	0	
1700	53	1	41	11	0	0	0	0	0	0	0	0	0	0	
1800	45	1	36	8	0	0	0	0	0	0	0	0	0	0	
1900	40	1	34	5	0	0	0	0	0	0	0	0	0	0	
2000	31	0	21	8	0	1	1	0	0	0	0	0	0	0	
2100	33	0	25	7	0	0	1	0	0	0	0	0	0	0	
2200	18	0	13	5	0	0	0	0	0	0	0	0	0	0	
2300	15	0	10	5	0	0	0	0	0	0	0	0	0	0	
07-19	492	7	393	85	0	1	6	0	0	0	0	0	0	0	
06-22	599	8	476	105	0	2	8	0	0	0	0	0	0	0	
06-00	632	8	499	115	0	2	8	0	0	0	0	0	0	0	
00-00	647	9	510	118	0	2	8	0	0	0	0	0	0	0	

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023			to			13 July 2023			Direction Northbound						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
09 July 2023															
0000	5	0	4	1	0	0	0	0	0	0	0	0	0	0	
0100	4	0	1	2	0	1	0	0	0	0	0	0	0	0	
0200	3	0	2	1	0	0	0	0	0	0	0	0	0	0	
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0500	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0600	4	0	4	0	0	0	0	0	0	0	0	0	0	0	
0700	7	1	3	3	0	0	0	0	0	0	0	0	0	0	
0800	24	0	20	4	0	0	0	0	0	0	0	0	0	0	
0900	36	0	32	4	0	0	0	0	0	0	0	0	0	0	
1000	49	0	38	10	0	1	0	0	0	0	0	0	0	0	
1100	45	1	35	8	0	1	0	0	0	0	0	0	0	0	
1200	42	0	36	6	0	0	0	0	0	0	0	0	0	0	
1300	46	0	33	13	0	0	0	0	0	0	0	0	0	0	
1400	31	0	25	6	0	0	0	0	0	0	0	0	0	0	
1500	30	1	24	5	0	0	0	0	0	0	0	0	0	0	
1600	41	0	29	10	0	2	0	0	0	0	0	0	0	0	
1700	26	0	20	6	0	0	0	0	0	0	0	0	0	0	
1800	37	0	27	8	0	1	1	0	0	0	0	0	0	0	
1900	31	2	21	8	0	0	0	0	0	0	0	0	0	0	
2000	22	0	21	1	0	0	0	0	0	0	0	0	0	0	
2100	21	0	20	1	0	0	0	0	0	0	0	0	0	0	
2200	13	1	11	1	0	0	0	0	0	0	0	0	0	0	
2300	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
07-19	414	3	322	83	0	5	1	0	0	0	0	0	0	0	
06-22	492	5	388	93	0	5	1	0	0	0	0	0	0	0	
06-00	508	6	402	94	0	5	1	0	0	0	0	0	0	0	
00-00	524	6	413	98	0	6	1	0	0	0	0	0	0	0	

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to			13 July 2023		Direction Northbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
10 July 2023														
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0100	2	0	1	1	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	3	0	2	1	0	0	0	0	0	0	0	0	0	0
0500	3	0	1	2	0	0	0	0	0	0	0	0	0	0
0600	9	0	9	0	0	0	0	0	0	0	0	0	0	0
0700	41	2	25	14	0	0	0	0	0	0	0	0	0	0
0800	52	0	42	9	0	1	0	0	0	0	0	0	0	0
0900	43	0	26	17	0	0	0	0	0	0	0	0	0	0
1000	36	0	26	10	0	0	0	0	0	0	0	0	0	0
1100	43	0	33	10	0	0	0	0	0	0	0	0	0	0
1200	38	1	25	10	0	1	1	0	0	0	0	0	0	0
1300	33	0	23	10	0	0	0	0	0	0	0	0	0	0
1400	37	0	27	10	0	0	0	0	0	0	0	0	0	0
1500	48	1	31	14	0	1	1	0	0	0	0	0	0	0
1600	54	1	42	10	0	1	0	0	0	0	0	0	0	0
1700	48	0	35	11	0	2	0	0	0	0	0	0	0	0
1800	30	1	24	5	0	0	0	0	0	0	0	0	0	0
1900	28	0	20	7	0	1	0	0	0	0	0	0	0	0
2000	17	0	14	2	0	1	0	0	0	0	0	0	0	0
2100	12	1	7	4	0	0	0	0	0	0	0	0	0	0
2200	7	0	7	0	0	0	0	0	0	0	0	0	0	0
2300	1	0	1	0	0	0	0	0	0	0	0	0	0	0
07-19	503	6	359	130	0	6	2	0	0	0	0	0	0	0
06-22	569	7	409	143	0	8	2	0	0	0	0	0	0	0
06-00	577	7	417	143	0	8	2	0	0	0	0	0	0	0
00-00	586	7	422	147	0	8	2	0	0	0	0	0	0	0

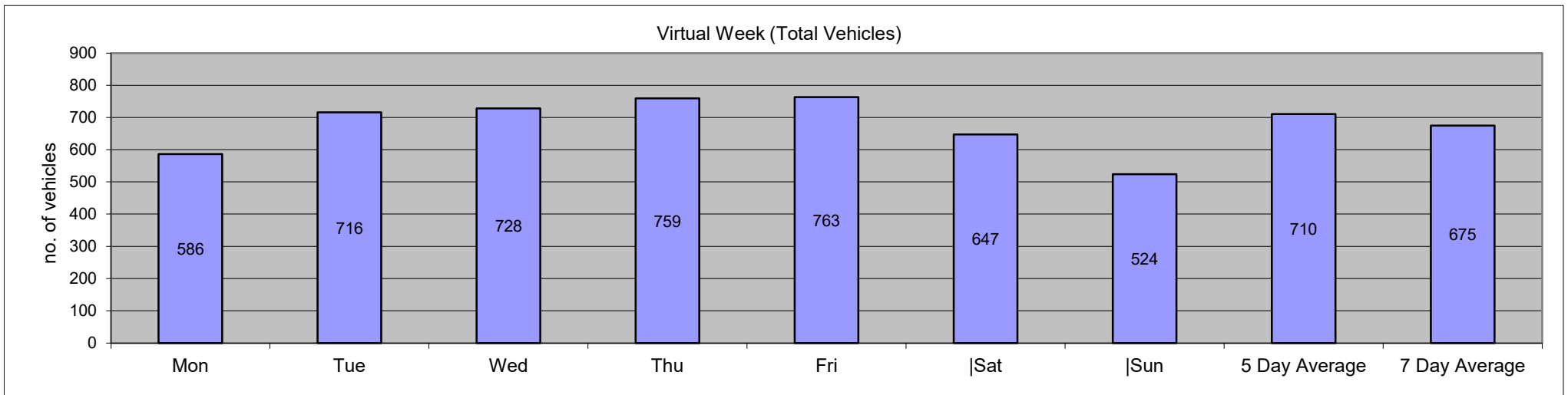
SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to			13 July 2023		Direction Northbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
11 July 2023														
0000	3	0	3	0	0	0	0	0	0	0	0	0	0	0
0100	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0500	3	0	1	2	0	0	0	0	0	0	0	0	0	0
0600	15	0	11	4	0	0	0	0	0	0	0	0	0	0
0700	57	2	43	11	0	0	1	0	0	0	0	0	0	0
0800	63	2	44	17	0	0	0	0	0	0	0	0	0	0
0900	53	0	40	12	0	1	0	0	0	0	0	0	0	0
1000	44	0	31	13	0	0	0	0	0	0	0	0	0	0
1100	43	0	33	8	0	2	0	0	0	0	0	0	0	0
1200	48	0	38	10	0	0	0	0	0	0	0	0	0	0
1300	37	0	28	8	0	0	1	0	0	0	0	0	0	0
1400	35	0	27	6	0	1	1	0	0	0	0	0	0	0
1500	52	0	36	15	0	1	0	0	0	0	0	0	0	0
1600	61	0	44	17	0	0	0	0	0	0	0	0	0	0
1700	53	1	38	11	0	1	1	0	0	0	0	1	0	0
1800	42	2	33	7	0	0	0	0	0	0	0	0	0	0
1900	29	1	22	6	0	0	0	0	0	0	0	0	0	0
2000	37	0	24	12	0	1	0	0	0	0	0	0	0	0
2100	20	0	18	1	0	1	0	0	0	0	0	0	0	0
2200	12	0	11	1	0	0	0	0	0	0	0	0	0	0
2300	7	0	6	1	0	0	0	0	0	0	0	0	0	0
07-19	588	7	435	135	0	6	4	0	0	0	0	1	0	0
06-22	689	8	510	158	0	8	4	0	0	0	0	1	0	0
06-00	708	8	527	160	0	8	4	0	0	0	0	1	0	0
00-00	716	8	533	162	0	8	4	0	0	0	0	1	0	0

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)							
07 July 2023		to			13 July 2023		Direction Northbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
12 July 2023															
0000	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0100	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0500	5	0	3	2	0	0	0	0	0	0	0	0	0	0	
0600	16	1	14	1	0	0	0	0	0	0	0	0	0	0	
0700	43	1	29	12	0	0	1	0	0	0	0	0	0	0	
0800	69	0	49	19	0	0	1	0	0	0	0	0	0	0	
0900	56	0	47	7	0	1	1	0	0	0	0	0	0	0	
1000	31	0	27	3	0	1	0	0	0	0	0	0	0	0	
1100	40	0	28	11	0	1	0	0	0	0	0	0	0	0	
1200	34	0	26	6	0	2	0	0	0	0	0	0	0	0	
1300	51	0	37	12	0	2	0	0	0	0	0	0	0	0	
1400	34	1	25	7	0	1	0	0	0	0	0	0	0	0	
1500	60	0	47	12	0	0	0	0	1	0	0	0	0	0	
1600	65	1	45	16	0	2	1	0	0	0	0	0	0	0	
1700	62	3	40	17	0	0	1	0	0	0	0	1	0	0	
1800	53	1	40	12	0	0	0	0	0	0	0	0	0	0	
1900	36	2	28	6	0	0	0	0	0	0	0	0	0	0	
2000	29	0	19	10	0	0	0	0	0	0	0	0	0	0	
2100	24	0	18	4	0	1	1	0	0	0	0	0	0	0	
2200	10	0	6	4	0	0	0	0	0	0	0	0	0	0	
2300	5	0	4	1	0	0	0	0	0	0	0	0	0	0	
07-19	598	7	440	134	0	10	5	0	1	0	0	1	0	0	
06-22	703	10	519	155	0	11	6	0	1	0	0	1	0	0	
06-00	718	10	529	160	0	11	6	0	1	0	0	1	0	0	
00-00	728	10	537	162	0	11	6	0	1	0	0	1	0	0	

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023			to			13 July 2023			Direction Northbound						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
13 July 2023															
0000	2	0	1	0	0	1	0	0	0	0	0	0	0	0	
0100	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0500	3	0	0	3	0	0	0	0	0	0	0	0	0	0	
0600	10	2	6	2	0	0	0	0	0	0	0	0	0	0	
0700	43	1	28	13	0	0	1	0	0	0	0	0	0	0	
0800	54	0	40	14	0	0	0	0	0	0	0	0	0	0	
0900	47	0	37	9	0	1	0	0	0	0	0	0	0	0	
1000	42	1	31	9	0	0	1	0	0	0	0	0	0	0	
1100	45	1	30	13	0	1	0	0	0	0	0	0	0	0	
1200	45	0	35	7	0	1	2	0	0	0	0	0	0	0	
1300	37	1	30	5	0	1	0	0	0	0	0	0	0	0	
1400	57	1	40	14	0	1	1	0	0	0	0	0	0	0	
1500	54	2	43	8	0	0	0	0	1	0	0	0	0	0	
1600	96	1	72	22	0	0	0	0	0	0	0	1	0	0	
1700	68	0	49	16	0	1	1	0	1	0	0	0	0	0	
1800	45	0	35	10	0	0	0	0	0	0	0	0	0	0	
1900	41	0	32	9	0	0	0	0	0	0	0	0	0	0	
2000	35	0	26	7	0	0	2	0	0	0	0	0	0	0	
2100	13	0	8	4	0	0	1	0	0	0	0	0	0	0	
2200	13	0	13	0	0	0	0	0	0	0	0	0	0	0	
2300	7	1	6	0	0	0	0	0	0	0	0	0	0	0	
07-19	633	8	470	140	0	6	6	0	2	0	0	1	0	0	
06-22	732	10	542	162	0	6	9	0	2	0	0	1	0	0	
06-00	752	11	561	162	0	6	9	0	2	0	0	1	0	0	
00-00	759	11	563	166	0	7	9	0	2	0	0	1	0	0	

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to 13 July 2023			Direction	Northbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Average Day														
0000	3	0	2	0	0	0	0	0	0	0	0	0	0	0
0100	2	0	1	1	0	0	0	0	0	0	0	0	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0500	3	0	1	2	0	0	0	0	0	0	0	0	0	0
0600	10	1	8	2	0	0	0	0	0	0	0	0	0	0
0700	32	1	22	9	0	0	0	0	0	0	0	0	0	0
0800	50	0	38	11	0	0	0	0	0	0	0	0	0	0
0900	46	0	34	10	0	0	1	0	0	0	0	0	0	0
1000	44	0	34	8	0	1	0	0	0	0	0	0	0	0
1100	46	0	35	10	0	1	0	0	0	0	0	0	0	0
1200	42	1	32	8	0	1	1	0	0	0	0	0	0	0
1300	45	0	34	10	0	0	0	0	0	0	0	0	0	0
1400	39	0	30	9	0	0	0	0	0	0	0	0	0	0
1500	50	1	36	12	0	0	0	0	0	0	0	0	0	0
1600	59	1	44	13	0	1	0	0	0	0	0	0	0	0
1700	53	1	39	12	0	1	0	0	0	0	0	0	0	0
1800	42	1	32	9	0	0	0	0	0	0	0	0	0	0
1900	33	1	25	7	0	0	0	0	0	0	0	0	0	0
2000	29	0	21	7	0	0	0	0	0	0	0	0	0	0
2100	22	0	17	4	0	0	0	0	0	0	0	0	0	0
2200	13	0	11	2	0	0	0	0	0	0	0	0	0	0
2300	8	0	6	1	0	0	0	0	0	0	0	0	0	0
07-19	548	7	410	121	0	6	4	0	0	0	0	0	0	0
06-22	643	9	482	140	0	6	5	0	0	0	0	0	0	0
06-00	664	10	499	143	0	6	5	0	0	0	0	0	0	0
00-00	675	10	506	146	0	7	5	0	0	0	0	0	0	0

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to			13 July 2023		Direction	Northbound						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Virtual Week														
Mon	586	7	422	147	0	8	2	0	0	0	0	0	0	0
Tue	716	8	533	162	0	8	4	0	0	0	0	1	0	0
Wed	728	10	537	162	0	11	6	0	1	0	0	1	0	0
Thu	759	11	563	166	0	7	9	0	2	0	0	1	0	0
Fri	763	18	565	172	0	5	3	0	0	0	0	0	0	0
Sat	647	9	510	118	0	2	8	0	0	0	0	0	0	0
Sun	524	6	413	98	0	6	1	0	0	0	0	0	0	0
5 Day Average														
[--]	710	11	524	162	0	8	5	0	1	0	0	1	0	0
7 Day Average														
[--]	675	10	506	146	0	7	5	0	0	0	0	0	0	0
Total Vehicles														
[--]	4723	69	3543	1025	0	47	33	0	3	0	0	3	0	0



SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)										
07 July 2023					to					13 July 2023					Direction					Northbound					Speed Limit (PSL)		ACPO (SL1)		DfT (SL2)		Mean Speed	85%ile Speed
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Mean Speed	85%ile Speed										
07 July 2023																																
0000	4	0	0	0	1	1	2	0	0	0	0	0	0	0	2	50	0	0	0	0	27.9	-										
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
0200	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.6	-										
0300	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.6	-										
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
0500	5	0	0	0	2	2	0	1	0	0	0	0	0	0	1	20	1	20	0	0	28.1	-										
0600	15	0	0	1	2	10	2	0	0	0	0	0	0	0	2	13.33	0	0	0	0	26.6	30.5										
0700	29	0	1	7	12	7	2	0	0	0	0	0	0	0	2	6.897	0	0	0	0	22.8	28.4										
0800	63	0	2	17	22	19	3	0	0	0	0	0	0	0	3	4.762	0	0	0	0	23	28.2										
0900	42	0	1	13	21	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.5	25.9										
1000	50	0	3	8	21	17	0	1	0	0	0	0	0	0	1	2	1	2	0	0	22.8	26.9										
1100	51	0	2	13	24	9	3	0	0	0	0	0	0	0	3	5.882	0	0	0	0	22.5	26.4										
1200	48	1	4	8	14	14	7	0	0	0	0	0	0	0	7	14.58	0	0	0	0	23.6	30.6										
1300	62	0	2	14	30	12	3	1	0	0	0	0	0	0	4	6.452	1	1.613	0	0	22.7	27.9										
1400	51	2	2	13	20	11	2	0	1	0	0	0	0	0	3	5.882	1	1.961	0	0	22.5	28.9										
1500	58	2	1	12	26	12	3	2	0	0	0	0	0	0	5	8.621	2	3.448	0	0	22.8	27.3										
1600	52	0	3	17	13	14	5	0	0	0	0	0	0	0	5	9.615	0	0	0	0	22.8	29.1										
1700	61	0	1	9	25	22	4	0	0	0	0	0	0	0	4	6.557	0	0	0	0	24.1	28.3										
1800	44	0	2	13	12	15	1	1	0	0	0	0	0	0	2	4.545	1	2.273	0	0	22.7	27.4										
1900	27	0	1	6	11	8	1	0	0	0	0	0	0	0	1	3.704	0	0	0	0	23	27.6										
2000	35	0	1	7	16	7	3	1	0	0	0	0	0	0	4	11.43	1	2.857	0	0	23.8	27.1										
2100	30	0	0	8	14	4	3	1	0	0	0	0	0	0	4	13.33	1	3.333	0	0	23.4	30.3										
2200	18	0	1	6	5	4	1	0	1	0	0	0	0	0	2	11.11	1	5.556	0	0	23.1	29.6										
2300	15	0	0	2	5	5	1	1	1	0	0	0	0	0	3	20	2	13.33	0	0	26.5	35.3										
07-19	611	5	24	144	240	159	33	5	1	0	0	0	0	0	39	6.383	6	0.982	0	0	22.9	28										
06-22	718	5	26	166	283	188	42	7	1	0	0	0	0	0	50	6.964	8	1.114	0	0	23	28										
06-00	751	5	27	174	293	197	44	8	3	0	0	0	0	0	55	7.324	11	1.465	0	0	23.1	28.1										
00-00	763	7	27	175	296	200	46	9	3	0	0	0	0	0	58	7.602	12	1.573	0	0	23.1	28.1										

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)										
07 July 2023					to					13 July 2023					Direction					Northbound					Speed Limit (PSL)		ACPO (SL1)		DfT (SL2)		Mean Speed	85%ile Speed
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Mean Speed	85%ile Speed										
08 July 2023																																
0000	3	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.2	-										
0100	5	0	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.4	-										
0200	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.8	-										
0300	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	0	0	0	0	30.4	-										
0400	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.7	-										
0500	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.2	-										
0600	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.9	-										
0700	7	0	0	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.2	-										
0800	23	0	3	4	11	4	0	1	0	0	0	0	0	0	1	4.348	1	4.348	0	0	21.4	27.2										
0900	44	1	6	20	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.7	23.3										
1000	53	2	7	11	24	5	3	1	0	0	0	0	0	0	4	7.547	1	1.887	0	0	20.7	25.4										
1100	58	0	5	16	18	18	1	0	0	0	0	0	0	0	1	1.724	0	0	0	0	22.4	28.4										
1200	36	2	1	10	14	7	0	1	0	0	1	0	0	0	2	5.556	2	5.556	1	2.778	22.2	27.3										
1300	52	0	3	15	25	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.4	26										
1400	30	0	2	8	11	5	2	1	0	0	1	0	0	0	4	13.33	2	6.667	1	3.333	23.7	29.6										
1500	49	1	3	16	18	10	1	0	0	0	0	0	0	0	1	2.041	0	0	0	0	21.5	26.3										
1600	42	0	0	5	18	15	3	1	0	0	0	0	0	0	4	9.524	1	2.381	0	0	24.8	28.9										
1700	53	0	4	13	19	16	1	0	0	0	0	0	0	0	1	1.887	0	0	0	0	22.3	26.8										
1800	45	2	7	9	18	6	3	0	0	0	0	0	0	0	3	6.667	0	0	0	0	20.6	26										
1900	40	0	1	12	13	13	1	0	0	0	0	0	0	0	1	2.5	0	0	0	0	22.7	27.1										
2000	31	0	3	9	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.5	26.4										
2100	33	1	6	6	12	5	1	1	1	0	0	0	0	0	3	9.091	2	6.061	0	0	21.4	28.6										
2200	18	0	1	0	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.1	26.8										
2300	15	0	0	2	6	2	2	1	1	1	0	0	0	0	5	33.33	3	20	1	6.667	27.8	40.7										
07-19	492	8	41	128	196	98	14	5	0	0	2	0	0	0	21	4.268	7	1.423	2	0.407	21.7	26.6										
06-22	599	9	51	156	233	125	16	6	1	0	2	0	0	0	25	4.174	9	1.503	2	0.334	21.8	26.6										
06-00	632	9	52	158	250	133	18	7	2	1	2	0	0	0	30	4.747	12	1.899	3	0.475	21.9	26.7										
00-00	647	9	53	163	252	139	19	7	2	1	2	0	0	0	31	4.791	12	1.855	3	0.464	22	26.7										

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)										
07 July 2023					to					13 July 2023					Direction					Northbound					Speed Limit (PSL)		ACPO (SL1)		DfT (SL2)		Mean Speed	85%ile Speed
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Mean Speed	85%ile Speed										
09 July 2023																																
0000	5	0	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.4	-										
0100	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.2	-										
0200	3	0	0	1	1	0	1	0	0	0	0	0	0	0	1	33.33	0	0	0	0	23.7	-										
0300	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.5	-										
0400	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.6	-										
0500	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.3	-										
0600	4	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.9	-										
0700	7	0	0	0	4	2	1	0	0	0	0	0	0	0	1	14.29	0	0	0	0	25.8	-										
0800	24	0	0	6	10	7	1	0	0	0	0	0	0	0	1	4.167	0	0	0	0	23.2	27.2										
0900	36	1	2	6	14	11	2	0	0	0	0	0	0	0	2	5.556	0	0	0	0	23.3	27.8										
1000	49	0	2	10	23	11	3	0	0	0	0	0	0	0	3	6.122	0	0	0	0	22.5	26.8										
1100	45	1	5	6	15	15	3	0	0	0	0	0	0	0	3	6.667	0	0	0	0	22.9	26.8										
1200	42	0	3	5	20	13	1	0	0	0	0	0	0	0	1	2.381	0	0	0	0	22.6	27.5										
1300	46	1	1	15	15	12	0	2	0	0	0	0	0	0	2	4.348	2	4.348	0	0	22.2	27.2										
1400	31	0	0	6	15	5	4	1	0	0	0	0	0	0	5	16.13	1	3.226	0	0	24.2	30.3										
1500	30	0	1	10	13	5	0	1	0	0	0	0	0	0	1	3.333	1	3.333	0	0	21.7	26.6										
1600	41	1	5	10	12	10	2	1	0	0	0	0	0	0	3	7.317	1	2.439	0	0	21.7	28.3										
1700	26	0	1	9	12	3	0	1	0	0	0	0	0	0	1	3.846	1	3.846	0	0	21.8	25.7										
1800	37	0	2	8	14	11	2	0	0	0	0	0	0	0	2	5.405	0	0	0	0	22.7	28.3										
1900	31	0	2	6	9	6	2	5	1	0	0	0	0	0	8	25.81	6	19.35	0	0	25.8	36.6										
2000	22	1	2	6	7	3	3	0	0	0	0	0	0	0	3	13.64	0	0	0	0	21.5	29.7										
2100	21	0	1	3	5	6	5	0	1	0	0	0	0	0	6	28.57	1	4.762	0	0	26.8	34.2										
2200	13	0	1	2	5	4	0	1	0	0	0	0	0	0	1	7.692	1	7.692	0	0	23.2	29.4										
2300	3	0	0	1	0	1	1	0	0	0	0	0	0	0	1	33.33	0	0	0	0	25.2	-										
07-19	414	4	22	91	167	105	19	6	0	0	0	0	0	0	25	6.039	6	1.449	0	0	22.6	27.3										
06-22	492	5	27	106	190	122	29	11	2	0	0	0	0	0	42	8.537	13	2.642	0	0	23	27.7										
06-00	508	5	28	109	195	127	30	12	2	0	0	0	0	0	44	8.661	14	2.756	0	0	23	27.7										
00-00	524	5	29	111	206	128	31	12	2	0	0	0	0	0	45	8.588	14	2.672	0	0	23	27.7										

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)																				
07 July 2023					to					13 July 2023					Direction					Northbound					Speed Limit (PSL)		ACPO (SL1)		DfT (SL2)		Mean	85%ile										
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Speed	Speed																				
10 July 2023																																										
0000	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	0	0	0	0	32.4	-																				
0100	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	-																				
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																				
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																				
0400	3	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.1	-																				
0500	3	0	0	0	0	2	0	1	0	0	0	0	0	0	1	33.33	1	33.33	0	0	31	-																				
0600	9	0	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.3	-																				
0700	41	0	1	7	12	18	1	2	0	0	0	0	0	0	3	7.317	2	4.878	0	0	24.9	29.7																				
0800	52	2	1	16	23	9	0	1	0	0	0	0	0	0	1	1.923	1	1.923	0	0	21.7	25.6																				
0900	43	0	0	9	22	10	2	0	0	0	0	0	0	0	2	4.651	0	0	0	0	23.1	26.8																				
1000	36	0	1	9	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.8	25.2																				
1100	43	0	5	10	16	9	2	0	1	0	0	0	0	0	3	6.977	1	2.326	0	0	21.8	25.7																				
1200	38	0	3	14	15	5	1	0	0	0	0	0	0	0	1	2.632	0	0	0	0	21	27.6																				
1300	33	0	1	10	14	7	0	1	0	0	0	0	0	0	1	3.03	1	3.03	0	0	22.3	27.2																				
1400	37	0	1	16	11	5	4	0	0	0	0	0	0	0	4	10.81	0	0	0	0	22.3	27.2																				
1500	48	0	2	20	19	6	1	0	0	0	0	0	0	0	1	2.083	0	0	0	0	21.1	25.4																				
1600	54	0	3	7	26	15	3	0	0	0	0	0	0	0	3	5.556	0	0	0	0	23.1	27.4																				
1700	48	1	0	12	21	10	3	0	1	0	0	0	0	0	4	8.333	1	2.083	0	0	23.2	28.6																				
1800	30	2	4	6	14	3	1	0	0	0	0	0	0	0	1	3.333	0	0	0	0	20.2	25.3																				
1900	28	0	1	7	11	6	1	1	0	0	1	0	0	0	3	10.71	2	7.143	1	3.571	24.5	29.6																				
2000	17	1	1	2	7	4	2	0	0	0	0	0	0	0	2	11.76	0	0	0	0	23.3	29.3																				
2100	12	0	0	0	5	4	3	0	0	0	0	0	0	0	3	25	0	0	0	0	26.5	31.5																				
2200	7	0	0	1	2	2	2	0	0	0	0	0	0	0	2	28.57	0	0	0	0	26.8	-																				
2300	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.2	-																				
07-19	503	5	22	136	213	103	18	4	2	0	0	0	0	0	24	4.771	6	1.193	0	0	22.3	26.8																				
06-22	569	6	24	145	241	121	24	5	2	0	1	0	0	0	32	5.624	8	1.406	1	0.176	22.5	27.1																				
06-00	577	6	24	146	243	124	26	5	2	0	1	0	0	0	34	5.893	8	1.386	1	0.173	22.6	27.2																				
00-00	586	6	25	147	244	128	27	6	2	0	1	0	0	0	36	6.143	9	1.536	1	0.171	22.7	27.3																				

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)										
07 July 2023					to					13 July 2023					Direction					Northbound					Speed Limit (PSL)		ACPO (SL1)		DfT (SL2)		Mean Speed	85%ile Speed
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Mean Speed	85%ile Speed										
11 July 2023																																
0000	3	0	0	0	0	2	0	1	0	0	0	0	0	0	1	33.33	1	33.33	0	0	30	-										
0100	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	100	1	100	0	0	43.8	-										
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
0400	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.6	-										
0500	3	0	0	0	0	2	1	0	0	0	0	0	0	0	1	33.33	0	0	0	0	29.1	-										
0600	15	1	0	1	7	4	2	0	0	0	0	0	0	2	13.33	0	0	0	0	24.2	30.2											
0700	57	0	1	15	19	16	5	1	0	0	0	0	0	6	10.53	1	1.754	0	0	23.7	28.9											
0800	63	4	0	12	31	15	0	1	0	0	0	0	0	1	1.587	1	1.587	0	0	21.8	26.1											
0900	53	0	4	13	26	9	1	0	0	0	0	0	0	1	1.887	0	0	0	0	21.3	25.5											
1000	44	0	4	8	20	11	1	0	0	0	0	0	0	1	2.273	0	0	0	0	22.3	26.4											
1100	43	0	0	17	18	6	2	0	0	0	0	0	0	2	4.651	0	0	0	0	21.6	26.6											
1200	48	0	5	13	19	9	2	0	0	0	0	0	0	2	4.167	0	0	0	0	21.7	26.6											
1300	37	0	3	8	18	7	1	0	0	0	0	0	0	1	2.703	0	0	0	0	21.6	26.8											
1400	35	0	2	15	16	2	0	0	0	0	0	0	0	0	0	0	0	0	0	19.9	23.4											
1500	52	0	6	16	16	11	2	1	0	0	0	0	0	3	5.769	1	1.923	0	0	21.9	27											
1600	61	0	3	18	32	8	0	0	0	0	0	0	0	0	0	0	0	0	0	21.4	24.9											
1700	53	1	2	15	22	6	5	2	0	0	0	0	0	7	13.21	2	3.774	0	0	22.5	29.4											
1800	42	1	2	7	21	11	0	0	0	0	0	0	0	0	0	0	0	0	0	22.3	26.5											
1900	29	1	1	8	11	3	4	1	0	0	0	0	0	5	17.24	1	3.448	0	0	22.9	30.5											
2000	37	0	0	8	18	8	3	0	0	0	0	0	0	3	8.108	0	0	0	0	23.5	27											
2100	20	0	0	4	12	3	1	0	0	0	0	0	0	1	5	0	0	0	0	23.2	27.8											
2200	12	0	0	4	3	3	0	2	0	0	0	0	0	2	16.67	2	16.67	0	0	24.7	36											
2300	7	0	0	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	21.9	-											
07-19	588	6	32	157	258	111	19	5	0	0	0	0	0	24	4.082	5	0.85	0	0	21.9	26.3											
06-22	689	8	33	178	306	129	29	6	0	0	0	0	0	35	5.08	6	0.871	0	0	22.1	26.4											
06-00	708	8	33	184	311	135	29	8	0	0	0	0	0	37	5.226	8	1.13	0	0	22.2	26.5											
00-00	716	8	33	184	311	140	30	9	1	0	0	0	0	40	5.587	10	1.397	0	0	22.3	26.6											

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)										
07 July 2023					to					13 July 2023					Direction					Northbound					Speed Limit (PSL)		ACPO (SL1)		DfT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Speed	Speed										
12 July 2023																																
0000	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.2	-										
0100	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.2	-										
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
0400	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.4	-										
0500	5	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.6	-										
0600	16	0	0	0	8	6	1	1	0	0	0	0	0	0	2	12.5	1	6.25	0	0	26.4	29.7										
0700	43	2	0	9	12	13	7	0	0	0	0	0	0	7	16.28	0	0	0	0	23.9	31											
0800	69	2	1	17	28	16	5	0	0	0	0	0	0	5	7.246	0	0	0	0	22.7	27.7											
0900	56	3	2	20	25	5	1	0	0	0	0	0	0	1	1.786	0	0	0	0	20.2	24.3											
1000	31	0	1	8	15	5	2	0	0	0	0	0	0	2	6.452	0	0	0	0	22.1	26.4											
1100	40	0	4	18	15	0	3	0	0	0	0	0	0	3	7.5	0	0	0	0	20.1	24.1											
1200	34	2	1	13	9	8	1	0	0	0	0	0	0	1	2.941	0	0	0	0	21	27											
1300	51	3	5	20	17	4	2	0	0	0	0	0	0	2	3.922	0	0	0	0	19.3	24.9											
1400	34	1	0	10	17	4	1	1	0	0	0	0	0	2	5.882	1	2.941	0	0	21.7	25.6											
1500	60	3	5	29	17	6	0	0	0	0	0	0	0	0	0	0	0	0	0	19	23.9											
1600	65	1	1	14	29	17	2	1	0	0	0	0	0	3	4.615	1	1.538	0	0	22.5	26.9											
1700	62	3	0	13	26	13	6	0	1	0	0	0	0	7	11.29	1	1.613	0	0	23.1	28.5											
1800	53	0	4	14	21	12	2	0	0	0	0	0	0	2	3.774	0	0	0	0	22.1	26.8											
1900	36	0	1	11	14	9	0	0	0	0	0	1	0	1	2.778	1	2.778	1	2.778	23.2	27.7											
2000	29	0	0	10	10	8	1	0	0	0	0	0	0	1	3.448	0	0	0	0	22.4	27.7											
2100	24	0	0	9	8	1	5	1	0	0	0	0	0	6	25	1	4.167	0	0	23.9	32.4											
2200	10	0	0	1	5	2	0	1	1	0	0	0	0	2	20	2	20	0	0	27	-											
2300	5	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	22.2	-											
07-19	598	20	24	185	231	103	32	2	1	0	0	0	0	35	5.853	3	0.502	0	0	21.5	26.7											
06-22	703	20	25	215	271	127	39	4	1	0	0	1	0	45	6.401	6	0.853	1	0.142	21.8	27											
06-00	718	20	25	218	277	131	39	5	2	0	0	1	0	47	6.546	8	1.114	1	0.139	21.9	27.1											
00-00	728	20	25	218	284	134	39	5	2	0	0	1	0	47	6.456	8	1.099	1	0.137	21.9	27											

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)										
07 July 2023					to					13 July 2023					Direction					Northbound					Speed Limit (PSL)		ACPO (SL1)		DfT (SL2)		Mean Speed	85%ile Speed
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Mean Speed	85%ile Speed										
13 July 2023																																
0000	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.6	-										
0100	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.8	-										
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
0400	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.8	-										
0500	3	0	0	0	0	2	0	1	0	0	0	0	0	0	1	33.33	1	33.33	0	0	31	-										
0600	10	0	0	0	3	4	2	1	0	0	0	0	0	0	3	30	1	10	0	0	27.5	-										
0700	43	3	3	8	18	7	2	2	0	0	0	0	0	4	9.302	2	4.651	0	0	21.9	28.3											
0800	54	1	1	13	22	13	3	1	0	0	0	0	0	4	7.407	1	1.852	0	0	22.8	26.9											
0900	47	2	3	14	21	7	0	0	0	0	0	0	0	0	0	0	0	0	0	20.3	25											
1000	42	1	4	12	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	20.2	24.4											
1100	45	0	3	18	13	8	3	0	0	0	0	0	0	3	6.667	0	0	0	0	21.7	26.8											
1200	45	3	7	12	16	5	1	1	0	0	0	0	0	2	4.444	1	2.222	0	0	19.8	25.2											
1300	37	0	2	16	12	5	1	1	0	0	0	0	0	2	5.405	1	2.703	0	0	21.1	26.3											
1400	57	3	1	16	24	11	2	0	0	0	0	0	0	2	3.509	0	0	0	0	21.4	26.7											
1500	54	1	11	18	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	19.4	25.3											
1600	96	3	8	26	43	14	1	1	0	0	0	0	0	2	2.083	1	1.042	0	0	20.8	25.6											
1700	68	1	2	16	32	14	2	0	1	0	0	0	0	3	4.412	1	1.471	0	0	22.2	27.2											
1800	45	0	4	14	16	9	2	0	0	0	0	0	0	2	4.444	0	0	0	0	21.8	27.1											
1900	41	0	2	12	17	6	4	0	0	0	0	0	0	4	9.756	0	0	0	0	22	27.9											
2000	35	0	1	4	19	7	2	1	1	0	0	0	0	4	11.43	2	5.714	0	0	24.3	28.9											
2100	13	0	1	3	5	2	2	0	0	0	0	0	0	2	15.38	0	0	0	0	23.1	30.1											
2200	13	0	1	3	5	3	0	1	0	0	0	0	0	1	7.692	1	7.692	0	0	23.2	28.7											
2300	7	0	0	0	3	1	2	0	1	0	0	0	0	3	42.86	1	14.29	0	0	28.6	-											
07-19	633	18	49	183	251	108	17	6	1	0	0	0	0	24	3.791	7	1.106	0	0	21.1	26.1											
06-22	732	18	53	202	295	127	27	8	2	0	0	0	0	37	5.055	10	1.366	0	0	21.5	26.4											
06-00	752	18	54	205	303	131	29	9	3	0	0	0	0	41	5.452	12	1.596	0	0	21.6	26.5											
00-00	759	18	54	207	304	134	29	10	3	0	0	0	0	42	5.534	13	1.713	0	0	21.6	26.5											

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)										
07 July 2023					to					13 July 2023					Direction					Northbound					Speed Limit (PSL)		ACPO (SL1)		DfT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Mean Speed	85%ile Speed										
Average Day																																
0000	3	0	0	1	1	1	0	0	0	0	0	0	0	0	1	20	0	5	0	0	24.7	-										
0100	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6.667	0	6.667	0	0	24.3	-										
0200	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.29	0	0	0	0	19.4	-										
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33.33	0	0	0	0	19.5	-										
0400	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.6	-										
0500	3	0	0	0	1	2	0	0	0	0	0	0	0	0	1	17.39	0	13.04	0	0	27.8	-										
0600	10	0	0	0	4	4	1	0	0	0	0	0	0	0	1	12.5	0	2.778	0	0	25.6	29.3										
0700	32	1	1	7	12	9	3	1	0	0	0	0	0	0	3	10.13	1	2.203	0	0	23.5	29										
0800	50	1	1	12	21	12	2	1	0	0	0	0	0	0	2	4.598	1	1.149	0	0	22.4	27										
0900	46	1	3	14	21	7	1	0	0	0	0	0	0	0	1	1.869	0	0	0	0	21.1	25.6										
1000	44	0	3	9	20	9	1	0	0	0	0	0	0	0	2	3.607	0	0.656	0	0	21.8	26.2										
1100	46	0	3	14	17	9	2	0	0	0	0	0	0	0	3	5.538	0	0.308	0	0	21.9	26.5										
1200	42	1	3	11	15	9	2	0	0	0	0	0	0	0	2	5.498	0	1.031	0	0.344	21.7	27.4										
1300	45	1	2	14	19	8	1	1	0	0	0	0	0	0	2	3.774	1	1.572	0	0	21.5	26.4										
1400	39	1	1	12	16	6	2	0	0	0	0	0	0	0	3	7.273	1	1.818	0	0.364	22.1	26.5										
1500	50	1	4	17	18	9	1	1	0	0	0	0	0	0	2	3.134	1	1.14	0	0	21	25.9										
1600	59	1	3	14	25	13	2	1	0	0	0	0	0	0	3	4.866	1	0.973	0	0	22.2	27.3										
1700	53	1	1	12	22	12	3	0	0	0	0	0	0	0	4	7.278	1	1.617	0	0	22.8	27.8										
1800	42	1	4	10	17	10	2	0	0	0	0	0	0	0	2	4.054	0	0.338	0	0	21.8	26.8										
1900	33	0	1	9	12	7	2	1	0	0	0	0	0	0	3	9.914	1	4.31	0	0.862	23.4	28.2										
2000	29	0	1	7	12	7	2	0	0	0	0	0	0	0	2	8.252	0	1.456	0	0	23	27.5										
2100	22	0	1	5	9	4	3	0	0	0	0	0	0	0	4	16.34	1	3.268	0	0	23.7	30.4										
2200	13	0	1	2	5	3	0	1	0	0	0	0	0	0	1	10.99	1	7.692	0	0	24.1	28.9										
2300	8	0	0	1	2	2	1	0	0	0	0	0	0	0	2	22.64	1	11.32	0	1.887	26.1	-										
07-19	548	9	31	146	222	112	22	5	1	0	0	0	0	0	27	5.001	6	1.042	0	0.052	22	26.8										
06-22	643	10	34	167	260	134	29	7	1	0	0	0	0	0	38	5.908	9	1.333	1	0.089	22.2	27.1										
06-00	664	10	35	171	267	140	31	8	2	0	0	0	0	0	41	6.199	10	1.571	1	0.108	22.3	27.2										
00-00	675	10	35	172	271	143	32	8	2	0	0	0	0	0	43	6.331	11	1.651	1	0.106	22.3	27.2										

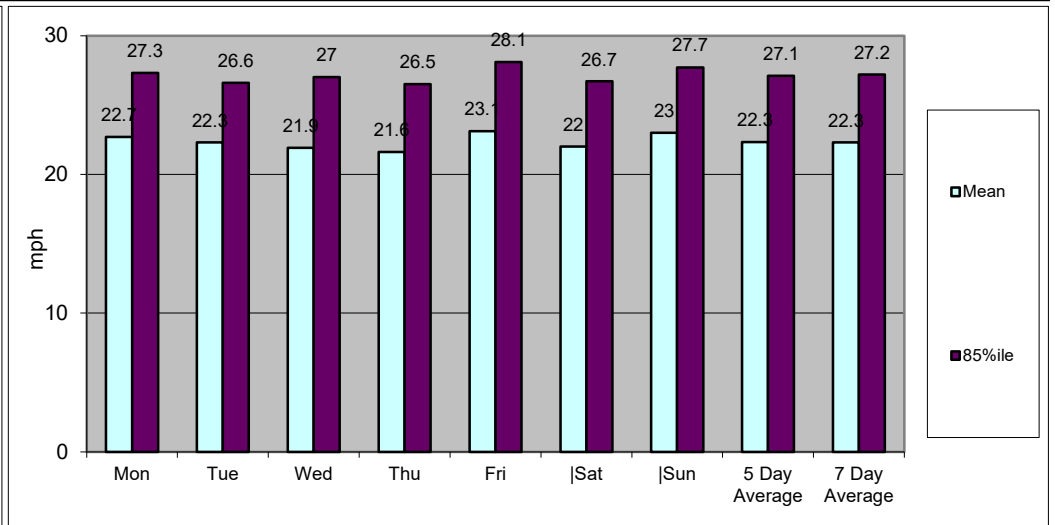
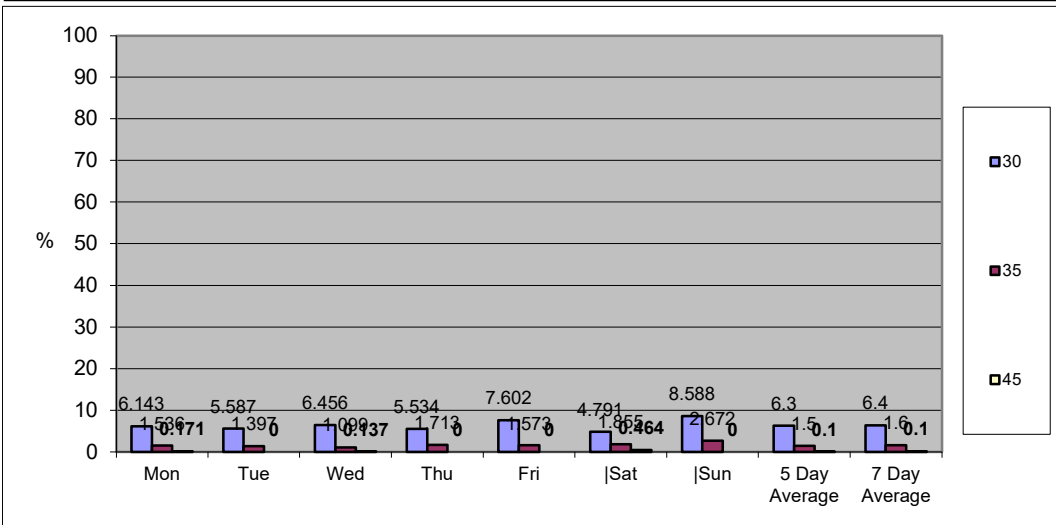
SS1179 Three Crosses Swansea										Site	Location											
07 July 2023										1	Gowerton Road (51.629354 -4.062354)											
to										Direction	Northbound											
13 July 2023											Speed Limit (PSL)					ACPO (SL1)		DfT (SL2)			Mean Speed	85%ile Speed
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35	35	45	45	Mean Speed	85%ile Speed
																	ACPO	ACPO	DFT	DFT		

Virtual Week																						
Mon	586	6	25	147	244	128	27	6	2	0	1	0	0	0	36	6.143	9	1.536	1	0.171	22.7	27.3
Tue	716	8	33	184	311	140	30	9	1	0	0	0	0	0	40	5.587	10	1.397	0	0	22.3	26.6
Wed	728	20	25	218	284	134	39	5	2	0	0	1	0	0	47	6.456	8	1.099	1	0.137	21.9	27
Thu	759	18	54	207	304	134	29	10	3	0	0	0	0	0	42	5.534	13	1.713	0	0	21.6	26.5
Fri	763	7	27	175	296	200	46	9	3	0	0	0	0	0	58	7.602	12	1.573	0	0	23.1	28.1
Sat	647	9	53	163	252	139	19	7	2	1	2	0	0	0	31	4.791	12	1.855	3	0.464	22	26.7
Sun	524	5	29	111	206	128	31	12	2	0	0	0	0	0	45	8.588	14	2.672	0	0	23	27.7

5 Day Average																						
[--]	710	12	33	186	288	147	34	8	2	0	0	0	0	0	45	6.3	10	1.5	0	0.1	22.3	27.1

7 Day Average																						
[--]	675	10	35	172	271	143	32	8	2	0	0	0	0	0	43	6.4	11	1.6	1	0.1	22.3	27.2

Total Vehicles																						
[--]	4723	73	246	1205	1897	1003	221	58	15	1	3	1	0	0	299	6	78	2	5	0	22	27



SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)							
07 July 2023		to 13 July 2023			Direction	Southbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
07 July 2023															
0000	5	0	5	0	0	0	0	0	0	0	0	0	0	0	
0100	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0200	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0300	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0500	5	0	4	0	0	0	1	0	0	0	0	0	0	0	
0600	13	0	13	0	0	0	0	0	0	0	0	0	0	0	
0700	47	1	40	5	0	0	1	0	0	0	0	0	0	0	
0800	65	0	52	13	0	0	0	0	0	0	0	0	0	0	
0900	64	0	47	16	0	1	0	0	0	0	0	0	0	0	
1000	77	4	63	10	0	0	0	0	0	0	0	0	0	0	
1100	86	1	71	14	0	0	0	0	0	0	0	0	0	0	
1200	80	0	61	16	0	2	1	0	0	0	0	0	0	0	
1300	75	1	65	8	0	1	0	0	0	0	0	0	0	0	
1400	75	0	62	13	0	0	0	0	0	0	0	0	0	0	
1500	77	2	69	6	0	0	0	0	0	0	0	0	0	0	
1600	79	3	63	13	0	0	0	0	0	0	0	0	0	0	
1700	91	2	77	11	0	0	1	0	0	0	0	0	0	0	
1800	86	2	80	4	0	0	0	0	0	0	0	0	0	0	
1900	61	1	51	9	0	0	0	0	0	0	0	0	0	0	
2000	55	1	48	6	0	0	0	0	0	0	0	0	0	0	
2100	44	0	39	5	0	0	0	0	0	0	0	0	0	0	
2200	29	0	27	2	0	0	0	0	0	0	0	0	0	0	
2300	11	0	9	2	0	0	0	0	0	0	0	0	0	0	
07-19	902	16	750	129	0	4	3	0	0	0	0	0	0	0	
06-22	1075	18	901	149	0	4	3	0	0	0	0	0	0	0	
06-00	1115	18	937	153	0	4	3	0	0	0	0	0	0	0	
00-00	1131	18	952	153	0	4	4	0	0	0	0	0	0	0	

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023			to			13 July 2023			Direction Southbound						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
08 July 2023															
0000	4	0	3	1	0	0	0	0	0	0	0	0	0	0	
0100	5	0	5	0	0	0	0	0	0	0	0	0	0	0	
0200	3	0	2	1	0	0	0	0	0	0	0	0	0	0	
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0500	13	0	13	0	0	0	0	0	0	0	0	0	0	0	
0600	40	0	38	2	0	0	0	0	0	0	0	0	0	0	
0700	44	0	42	2	0	0	0	0	0	0	0	0	0	0	
0800	44	0	39	5	0	0	0	0	0	0	0	0	0	0	
0900	54	1	47	5	0	1	0	0	0	0	0	0	0	0	
1000	82	0	69	12	0	0	0	0	0	0	0	1	0	0	
1100	77	0	75	2	0	0	0	0	0	0	0	0	0	0	
1200	79	0	74	5	0	0	0	0	0	0	0	0	0	0	
1300	82	0	74	8	0	0	0	0	0	0	0	0	0	0	
1400	75	1	68	6	0	0	0	0	0	0	0	0	0	0	
1500	75	0	65	10	0	0	0	0	0	0	0	0	0	0	
1600	67	1	57	8	0	0	0	0	1	0	0	0	0	0	
1700	69	0	64	5	0	0	0	0	0	0	0	0	0	0	
1800	53	0	47	6	0	0	0	0	0	0	0	0	0	0	
1900	45	1	40	4	0	0	0	0	0	0	0	0	0	0	
2000	24	0	22	2	0	0	0	0	0	0	0	0	0	0	
2100	22	0	20	2	0	0	0	0	0	0	0	0	0	0	
2200	27	1	21	5	0	0	0	0	0	0	0	0	0	0	
2300	10	0	10	0	0	0	0	0	0	0	0	0	0	0	
07-19	801	3	721	74	0	1	0	0	1	0	0	1	0	0	
06-22	932	4	841	84	0	1	0	0	1	0	0	1	0	0	
06-00	969	5	872	89	0	1	0	0	1	0	0	1	0	0	
00-00	994	5	895	91	0	1	0	0	1	0	0	1	0	0	

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023			to			13 July 2023			Direction Southbound						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
10 July 2023															
0000	4	0	4	0	0	0	0	0	0	0	0	0	0	0	
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0500	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0600	6	0	5	1	0	0	0	0	0	0	0	0	0	0	
0700	35	1	28	6	0	0	0	0	0	0	0	0	0	0	
0800	64	1	48	15	0	0	0	0	0	0	0	0	0	0	
0900	50	0	40	10	0	0	0	0	0	0	0	0	0	0	
1000	65	0	54	9	0	0	2	0	0	0	0	0	0	0	
1100	44	0	35	9	0	0	0	0	0	0	0	0	0	0	
1200	50	0	40	10	0	0	0	0	0	0	0	0	0	0	
1300	55	1	42	12	0	0	0	0	0	0	0	0	0	0	
1400	57	1	52	4	0	0	0	0	0	0	0	0	0	0	
1500	69	1	61	6	0	1	0	0	0	0	0	0	0	0	
1600	55	0	46	8	0	0	1	0	0	0	0	0	0	0	
1700	65	0	60	5	0	0	0	0	0	0	0	0	0	0	
1800	48	0	46	2	0	0	0	0	0	0	0	0	0	0	
1900	42	0	38	4	0	0	0	0	0	0	0	0	0	0	
2000	22	0	18	4	0	0	0	0	0	0	0	0	0	0	
2100	16	0	16	0	0	0	0	0	0	0	0	0	0	0	
2200	9	0	9	0	0	0	0	0	0	0	0	0	0	0	
2300	4	0	3	1	0	0	0	0	0	0	0	0	0	0	
07-19	657	5	552	96	0	1	3	0	0	0	0	0	0	0	
06-22	743	5	629	105	0	1	3	0	0	0	0	0	0	0	
06-00	756	5	641	106	0	1	3	0	0	0	0	0	0	0	
00-00	762	5	647	106	0	1	3	0	0	0	0	0	0	0	

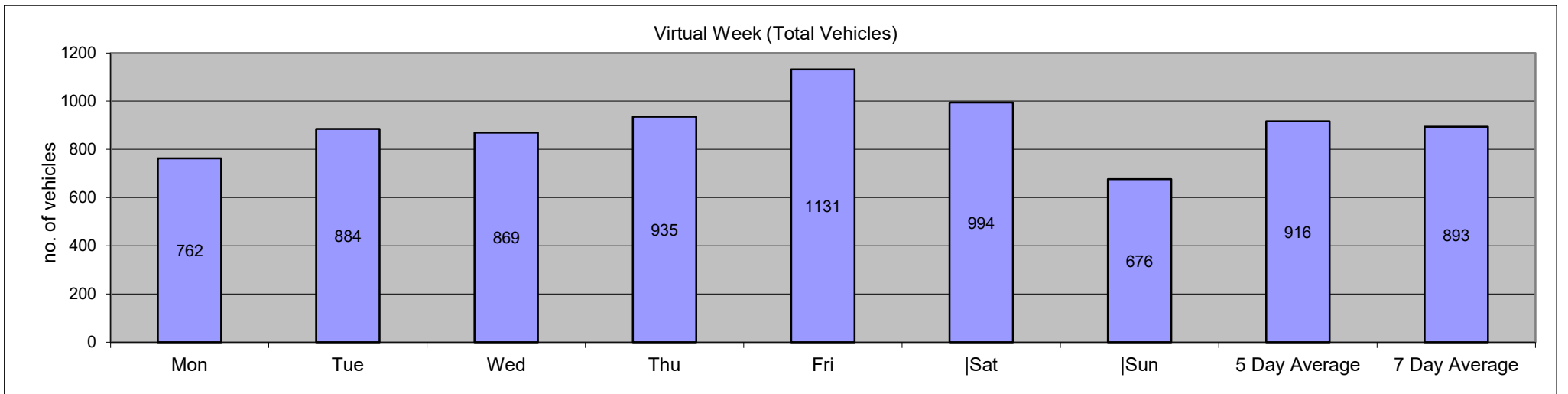
SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)							
07 July 2023		to 13 July 2023			Direction	Southbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
11 July 2023															
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0100	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0300	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
0400	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
0500	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0600	8	0	8	0	0	0	0	0	0	0	0	0	0	0	
0700	35	0	33	2	0	0	0	0	0	0	0	0	0	0	
0800	71	1	56	13	0	0	1	0	0	0	0	0	0	0	
0900	66	0	49	16	0	1	0	0	0	0	0	0	0	0	
1000	68	0	56	12	0	0	0	0	0	0	0	0	0	0	
1100	56	0	48	8	0	0	0	0	0	0	0	0	0	0	
1200	50	0	39	11	0	0	0	0	0	0	0	0	0	0	
1300	66	0	55	10	0	0	1	0	0	0	0	0	0	0	
1400	58	1	49	7	0	0	1	0	0	0	0	0	0	0	
1500	87	0	77	10	0	0	0	0	0	0	0	0	0	0	
1600	68	1	65	2	0	0	0	0	0	0	0	0	0	0	
1700	68	1	59	8	0	0	0	0	0	0	0	0	0	0	
1800	69	0	62	7	0	0	0	0	0	0	0	0	0	0	
1900	34	0	33	1	0	0	0	0	0	0	0	0	0	0	
2000	28	0	26	2	0	0	0	0	0	0	0	0	0	0	
2100	24	0	20	4	0	0	0	0	0	0	0	0	0	0	
2200	17	0	16	1	0	0	0	0	0	0	0	0	0	0	
2300	6	0	6	0	0	0	0	0	0	0	0	0	0	0	
07-19	762	4	648	106	0	1	3	0	0	0	0	0	0	0	
06-22	856	4	735	113	0	1	3	0	0	0	0	0	0	0	
06-00	879	4	757	114	0	1	3	0	0	0	0	0	0	0	
00-00	884	4	760	116	0	1	3	0	0	0	0	0	0	0	

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to			13 July 2023		Direction Southbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
12 July 2023														
0000	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0500	3	0	3	0	0	0	0	0	0	0	0	0	0	0
0600	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0700	43	1	37	4	0	0	0	0	0	0	0	1	0	0
0800	65	0	54	11	0	0	0	0	0	0	0	0	0	0
0900	54	1	40	12	0	0	1	0	0	0	0	0	0	0
1000	59	0	51	8	0	0	0	0	0	0	0	0	0	0
1100	60	0	51	8	0	1	0	0	0	0	0	0	0	0
1200	57	0	48	9	0	0	0	0	0	0	0	0	0	0
1300	54	0	45	9	0	0	0	0	0	0	0	0	0	0
1400	56	0	48	8	0	0	0	0	0	0	0	0	0	0
1500	81	0	69	11	0	1	0	0	0	0	0	0	0	0
1600	61	0	53	8	0	0	0	0	0	0	0	0	0	0
1700	75	1	68	6	0	0	0	0	0	0	0	0	0	0
1800	66	2	60	4	0	0	0	0	0	0	0	0	0	0
1900	54	2	50	2	0	0	0	0	0	0	0	0	0	0
2000	37	1	31	5	0	0	0	0	0	0	0	0	0	0
2100	24	0	23	1	0	0	0	0	0	0	0	0	0	0
2200	12	0	11	1	0	0	0	0	0	0	0	0	0	0
2300	5	0	5	0	0	0	0	0	0	0	0	0	0	0
07-19	731	5	624	98	0	2	1	0	0	0	0	1	0	0
06-22	848	8	730	106	0	2	1	0	0	0	0	1	0	0
06-00	865	8	746	107	0	2	1	0	0	0	0	1	0	0
00-00	869	8	750	107	0	2	1	0	0	0	0	1	0	0

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023			to			13 July 2023			Direction Southbound						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
13 July 2023															
0000	4	0	3	1	0	0	0	0	0	0	0	0	0	0	
0100	3	0	2	1	0	0	0	0	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0500	2	0	1	1	0	0	0	0	0	0	0	0	0	0	
0600	4	0	4	0	0	0	0	0	0	0	0	0	0	0	
0700	43	1	35	6	0	0	0	0	0	0	0	1	0	0	
0800	69	2	54	12	0	0	1	0	0	0	0	0	0	0	
0900	65	3	45	17	0	0	0	0	0	0	0	0	0	0	
1000	66	0	53	13	0	0	0	0	0	0	0	0	0	0	
1100	65	2	53	10	0	0	0	0	0	0	0	0	0	0	
1200	70	0	61	9	0	0	0	0	0	0	0	0	0	0	
1300	74	0	66	7	0	0	0	0	1	0	0	0	0	0	
1400	49	1	44	4	0	0	0	0	0	0	0	0	0	0	
1500	62	2	51	9	0	0	0	0	0	0	0	0	0	0	
1600	79	1	68	9	0	0	0	0	1	0	0	0	0	0	
1700	74	1	63	10	0	0	0	0	0	0	0	0	0	0	
1800	68	2	62	4	0	0	0	0	0	0	0	0	0	0	
1900	44	0	39	5	0	0	0	0	0	0	0	0	0	0	
2000	35	0	35	0	0	0	0	0	0	0	0	0	0	0	
2100	34	0	32	2	0	0	0	0	0	0	0	0	0	0	
2200	19	0	19	0	0	0	0	0	0	0	0	0	0	0	
2300	5	0	4	1	0	0	0	0	0	0	0	0	0	0	
07-19	784	15	655	110	0	0	1	0	2	0	0	1	0	0	
06-22	901	15	765	117	0	0	1	0	2	0	0	1	0	0	
06-00	925	15	788	118	0	0	1	0	2	0	0	1	0	0	
00-00	935	15	795	121	0	0	1	0	2	0	0	1	0	0	

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to 13 July 2023			Direction	Southbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Average Day														
0000	3	0	3	1	0	0	0	0	0	0	0	0	0	0
0100	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0300	1	0	0	0	0	0	0	0	0	0	0	0	0	0
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0500	4	0	3	0	0	0	0	0	0	0	0	0	0	0
0600	11	0	11	0	0	0	0	0	0	0	0	0	0	0
0700	37	1	33	4	0	0	0	0	0	0	0	0	0	0
0800	58	1	47	10	0	0	0	0	0	0	0	0	0	0
0900	56	1	43	11	0	0	0	0	0	0	0	0	0	0
1000	69	1	58	10	0	0	0	0	0	0	0	0	0	0
1100	65	0	56	8	0	0	0	0	0	0	0	0	0	0
1200	64	0	55	9	0	0	0	0	0	0	0	0	0	0
1300	66	0	56	9	0	0	0	0	0	0	0	0	0	0
1400	60	1	52	7	0	0	0	0	0	0	0	0	0	0
1500	72	1	63	8	0	0	0	0	0	0	0	0	0	0
1600	67	1	58	7	0	0	0	0	0	0	0	0	0	0
1700	71	1	64	7	0	0	0	0	0	0	0	0	0	0
1800	60	1	55	4	0	0	0	0	0	0	0	0	0	0
1900	45	1	40	4	0	0	0	0	0	0	0	0	0	0
2000	31	0	28	3	0	0	0	0	0	0	0	0	0	0
2100	25	0	23	2	0	0	0	0	0	0	0	0	0	0
2200	17	0	16	1	0	0	0	0	0	0	0	0	0	0
2300	7	0	6	1	0	0	0	0	0	0	0	0	0	0
07-19	745	7	640	94	0	1	2	0	0	0	0	0	0	0
06-22	857	8	742	103	0	1	2	0	0	0	0	0	0	0
06-00	881	9	764	105	0	1	2	0	0	0	0	0	0	0
00-00	893	9	774	107	0	1	2	0	0	0	0	0	0	0

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)							
07 July 2023		to			13 July 2023		Direction	Southbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
Virtual Week															
Mon	762	5	647	106	0	1	3	0	0	0	0	0	0	0	
Tue	884	4	760	116	0	1	3	0	0	0	0	0	0	0	
Wed	869	8	750	107	0	2	1	0	0	0	0	1	0	0	
Thu	935	15	795	121	0	0	1	0	2	0	0	1	0	0	
Fri	1131	18	952	153	0	4	4	0	0	0	0	0	0	0	
Sat	994	5	895	91	0	1	0	0	1	0	0	1	0	0	
Sun	676	5	619	52	0	0	0	0	0	0	0	0	0	0	
5 Day Average															
[-]	916	10	781	121	0	2	2	0	0	0	0	0	0	0	
7 Day Average															
[-]	893	9	774	107	0	1	2	0	0	0	0	0	0	0	
Total Vehicles															
[-]	6251	60	5418	746	0	9	12	0	3	0	0	3	0	0	



SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)								
0/1/00		to								13 July 2023		Direction	Southbound										Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile								
		10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed								
Saturday, 0 January 1900																														
0000	5	0	0	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.6	-								
0100	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	-								
0200	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.8	-								
0300	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.2	-								
0400	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.1	-								
0500	5	0	0	1	2	1	1	0	0	0	0	0	0	0	1	20	0	0	0	0	23.8	-								
0600	13	0	0	1	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.3	26.9								
0700	47	0	2	11	20	13	1	0	0	0	0	0	0	0	1	2.128	0	0	0	0	22.6	26.8								
0800	65	0	2	26	27	9	1	0	0	0	0	0	0	0	1	1.538	0	0	0	0	21	25.3								
0900	64	1	6	22	26	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.2	24.9								
1000	77	1	8	33	29	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.5	23.4								
1100	86	0	6	31	41	6	2	0	0	0	0	0	0	0	2	2.326	0	0	0	0	20.4	24.3								
1200	80	0	8	21	38	12	1	0	0	0	0	0	0	0	1	1.25	0	0	0	0	21.1	25.3								
1300	75	1	2	22	37	12	1	0	0	0	0	0	0	0	1	1.333	0	0	0	0	21.5	25.5								
1400	75	1	5	28	30	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.5	25								
1500	77	1	7	29	29	9	2	0	0	0	0	0	0	0	2	2.597	0	0	0	0	20.1	25.1								
1600	79	3	7	21	35	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.7	25.3								
1700	91	1	2	12	52	22	2	0	0	0	0	0	0	0	2	2.198	0	0	0	0	23	26.6								
1800	86	0	0	16	49	20	0	1	0	0	0	0	0	0	1	1.163	1	1.163	0	0	23.1	26.5								
1900	61	0	0	13	37	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.1	26								
2000	55	0	1	13	36	3	1	0	0	1	0	0	0	0	2	3.636	1	1.818	1	1.818	22	24.5								
2100	44	0	4	11	20	8	1	0	0	0	0	0	0	0	1	2.273	0	0	0	0	21.1	25.8								
2200	29	0	1	9	10	8	1	0	0	0	0	0	0	0	1	3.448	0	0	0	0	22.1	27.9								
2300	11	0	0	4	2	4	1	0	0	0	0	0	0	0	1	9.091	0	0	0	0	23.3	28.8								
07-19	902	9	55	272	413	142	10	1	0	0	0	0	0	0	11	1.22	1	0.111	0	0	21.1	25.3								
06-22	1075	9	60	310	515	167	12	1	0	1	0	0	0	0	14	1.302	2	0.186	1	0.093	21.3	25.3								
06-00	1115	9	61	323	527	179	14	1	0	1	0	0	0	0	16	1.435	2	0.179	1	0.09	21.3	25.4								
00-00	1131	9	61	326	533	185	15	1	0	1	0	0	0	0	17	1.503	2	0.177	1	0.088	21.3	25.4								

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)									
0/1/00		to								13 July 2023										Direction		Southbound		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile									
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed									
08 July 2023																															
0000	4	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.3	-									
0100	5	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.5	-									
0200	3	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.3	-									
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
0500	13	0	0	2	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	29.7									
0600	40	0	0	14	21	4	1	0	0	0	0	0	0	0	1	2.5	0	0	0	0	21.7	24.8									
0700	44	0	4	17	20	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	22.9									
0800	44	1	2	24	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.1	22.8									
0900	54	0	13	27	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.6	21.2									
1000	82	0	13	33	32	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.2	22.9									
1100	77	1	6	31	34	4	1	0	0	0	0	0	0	0	1	1.299	0	0	0	0	19.9	23.2									
1200	79	2	9	32	31	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.6	23.4									
1300	82	2	14	33	30	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.5	22.7									
1400	75	0	2	30	33	8	2	0	0	0	0	0	0	0	2	2.667	0	0	0	0	21.2	24.3									
1500	75	0	9	28	29	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.1	23.6									
1600	67	0	4	23	35	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.6	24.2									
1700	69	0	2	24	31	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.1	25.3									
1800	53	4	12	11	20	5	1	0	0	0	0	0	0	0	1	1.887	0	0	0	0	18.8	24.5									
1900	45	0	4	12	19	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.5	25.7									
2000	24	0	1	3	11	8	1	0	0	0	0	0	0	0	1	4.167	0	0	0	0	23.3	26.3									
2100	22	1	4	6	6	4	1	0	0	0	0	0	0	0	1	4.545	0	0	0	0	19.8	26.4									
2200	27	0	1	7	17	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.4	24.7									
2300	10	0	0	1	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.3	-									
07-19	801	10	90	313	322	62	4	0	0	0	0	0	0	0	4	0.499	0	0	0	0	19.7	23.5									
06-22	932	11	99	348	379	88	7	0	0	0	0	0	0	0	7	0.751	0	0	0	0	20	23.8									
06-00	969	11	100	356	402	93	7	0	0	0	0	0	0	0	7	0.722	0	0	0	0	20	23.9									
00-00	994	12	100	360	416	99	7	0	0	0	0	0	0	0	7	0.704	0	0	0	0	20.1	24									

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)											
0/1/00		to										13 July 2023										Direction		Southbound									
Time Period	Total Vehicles	Speed Bins										Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed														
		0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35			35	45	45											
09 July 2023																																	
0000	5	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.4	-												
0100	4	0	0	0	1	2	0	1	0	0	0	0	0	0	0	1	25	1	25	0	0	28.8	-										
0200	3	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.5	-										
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-										
0400	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26.7	-										
0500	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.7	-										
0600	5	0	0	0	3	1	1	0	0	0	0	0	0	0	0	1	20	0	0	0	0	25.2	-										
0700	14	0	0	3	6	4	1	0	0	0	0	0	0	0	1	7.143	0	0	0	0	0	23.9	29.8										
0800	25	0	0	5	14	5	0	1	0	0	0	0	0	0	1	4	1	4	0	0	0	23	27.2										
0900	40	1	1	15	21	1	1	0	0	0	0	0	0	0	1	2.5	0	0	0	0	0	20.5	23.8										
1000	67	1	3	25	31	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	23.9										
1100	64	0	5	17	36	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.8	23.9										
1200	63	1	6	23	20	11	2	0	0	0	0	0	0	0	2	3.175	0	0	0	0	0	20.9	26.1										
1300	54	2	4	24	20	1	3	0	0	0	0	0	0	0	3	5.556	0	0	0	0	0	19.9	23.4										
1400	50	0	2	23	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.7	25.9										
1500	53	1	0	15	28	8	1	0	0	0	0	0	0	0	1	1.887	0	0	0	0	0	21.8	25.6										
1600	57	2	8	8	27	11	1	0	0	0	0	0	0	0	1	1.754	0	0	0	0	0	20.5	26.1										
1700	57	0	5	15	29	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.1	24.5										
1800	31	0	4	5	14	7	0	0	0	1	0	0	0	0	1	3.226	1	3.226	1	3.226	1	22.3	26										
1900	34	0	4	12	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.8	27.9										
2000	18	0	3	3	5	6	1	0	0	0	0	0	0	0	1	5.556	0	0	0	0	0	22.5	28.9										
2100	12	0	0	2	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.2	25.2										
2200	9	1	0	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.4	-										
2300	6	0	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.7	-										
07-19	575	8	38	178	262	78	9	1	0	1	0	0	0	0	11	1.913	2	0.348	1	0.174	20.9	25.2											
06-22	644	8	45	195	289	94	11	1	0	1	0	0	0	0	13	2.019	2	0.311	1	0.155	21	25.3											
06-00	659	9	45	198	295	99	11	1	0	1	0	0	0	0	13	1.973	2	0.303	1	0.152	21.1	25.5											
00-00	676	9	45	202	299	107	11	2	0	1	0	0	0	0	14	2.071	3	0.444	1	0.148	21.1	25.7											

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)									
0/1/00		to								13 July 2023										Direction		Southbound		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile									
		10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed									
10 July 2023																															
0000	4	0	0	2	1	0	0	1	0	0	0	0	0	0	1	25	1	25	0	0	23.8	-									
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
0200	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.6	-									
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-									
0500	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	-									
0600	6	0	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.6	-									
0700	35	0	1	11	14	8	1	0	0	0	0	0	0	0	1	2.857	0	0	0	0	21.9	26.5									
0800	64	1	5	25	24	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.2	24.9									
0900	50	1	5	22	20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.2	23.4									
1000	65	0	6	30	24	4	1	0	0	0	0	0	0	0	1	1.538	0	0	0	0	19.8	23.3									
1100	44	0	5	16	20	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.9	23.4									
1200	50	1	4	24	16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.4	24.1									
1300	55	0	1	21	29	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	24.7									
1400	57	3	2	19	30	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.7	24.2									
1500	69	0	3	24	37	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.3	23.5									
1600	55	0	5	21	23	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.2	24.3									
1700	65	0	2	24	21	16	2	0	0	0	0	0	0	0	2	3.077	0	0	0	0	21.5	26.7									
1800	48	3	3	20	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.8	25.4									
1900	42	0	2	16	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.5	24									
2000	22	0	0	5	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.2	25.6									
2100	16	0	0	4	7	4	1	0	0	0	0	0	0	0	1	6.25	0	0	0	0	23.3	28.1									
2200	9	0	0	2	3	2	2	0	0	0	0	0	0	0	2	22.22	0	0	0	0	24.5	-									
2300	4	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.3	-									
07-19	657	9	42	257	271	74	4	0	0	0	0	0	0	0	4	0.609	0	0	0	0	20.2	24.3									
06-22	743	9	45	283	312	89	5	0	0	0	0	0	0	0	5	0.673	0	0	0	0	20.4	24.5									
06-00	756	9	45	288	316	91	7	0	0	0	0	0	0	0	7	0.926	0	0	0	0	20.4	24.6									
00-00	762	9	45	290	317	93	7	1	0	0	0	0	0	0	8	1.05	1	0.131	0	0	20.5	24.7									

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)											
0/1/00		to										13 July 2023										Direction		Southbound		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	Speed Bins										30		30		35		35		45	45	Mean	85%ile										
Period	Vehicles	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Speed	Speed											
		10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT													
11 July 2023																																	
0000	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.5	-											
0100	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.8	-											
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-											
0300	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.4	-											
0400	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.2	-											
0500	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28.2	-											
0600	8	0	0	2	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.8	-											
0700	35	0	2	16	10	6	1	0	0	0	0	0	0	0	1	2.857	0	0	0	0	20.6	25.3											
0800	71	0	2	31	29	8	1	0	0	0	0	0	0	0	1	1.408	0	0	0	0	20.7	24.4											
0900	66	0	9	30	23	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.2	22.4											
1000	68	2	8	23	27	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.7	23.7											
1100	56	1	7	21	20	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	23.9											
1200	50	0	2	21	21	5	1	0	0	0	0	0	0	0	1	2	0	0	0	0	20.7	24.5											
1300	66	0	5	24	29	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.4	24.5											
1400	58	1	4	31	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.4	22.7											
1500	87	1	3	43	33	5	1	1	0	0	0	0	0	0	2	2.299	1	1.149	0	0	20.1	23.2											
1600	68	0	1	35	28	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.1	23											
1700	68	1	5	15	34	11	2	0	0	0	0	0	0	0	2	2.941	0	0	0	0	21.3	25.4											
1800	69	1	5	14	36	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.2	25.4											
1900	34	0	3	5	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.7	25.2											
2000	28	0	2	12	11	2	1	0	0	0	0	0	0	0	1	3.571	0	0	0	0	20.4	23.9											
2100	24	0	1	9	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.4	26.7											
2200	17	0	1	5	8	2	0	0	1	0	0	0	0	0	1	5.882	1	5.882	0	0	21.8	27.8											
2300	6	0	0	0	3	2	1	0	0	0	0	0	0	0	1	16.67	0	0	0	0	27	-											
07-19	762	7	53	304	308	83	6	1	0	0	0	0	0	0	7	0.919	1	0.131	0	0	20.3	24.3											
06-22	856	7	59	332	353	97	7	1	0	0	0	0	0	0	8	0.935	1	0.117	0	0	20.4	24.4											
06-00	879	7	60	337	364	101	8	1	1	0	0	0	0	0	10	1.138	2	0.228	0	0	20.5	24.5											
00-00	884	7	60	339	365	103	8	1	1	0	0	0	0	0	10	1.131	2	0.226	0	0	20.5	24.5											

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)											
0/1/00		to										13 July 2023										Direction		Southbound		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile											
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed											
12 July 2023																																	
0000	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.8	-											
0100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-											
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-											
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-											
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-											
0500	3	0	0	0	2	0	1	0	0	0	0	0	0	0	1	33.33	0	0	0	0	25.3	-											
0600	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.5	-											
0700	43	1	2	17	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.2	24											
0800	65	0	1	27	24	12	1	0	0	0	0	0	0	0	1	1.538	0	0	0	0	21.3	26.9											
0900	54	1	4	20	23	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.1	24.6											
1000	59	0	4	18	27	9	1	0	0	0	0	0	0	0	1	1.695	0	0	0	0	21.1	25.1											
1100	60	0	6	28	24	1	1	0	0	0	0	0	0	0	1	1.667	0	0	0	0	19.4	22.8											
1200	57	2	5	29	19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.9	23											
1300	54	1	1	28	17	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.8	24											
1400	56	0	4	24	21	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.3	24.8											
1500	81	0	7	42	28	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.5	23.5											
1600	61	1	3	24	24	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.5	25.1											
1700	75	0	4	17	41	12	1	0	0	0	0	0	0	0	1	1.333	0	0	0	0	21.7	25.3											
1800	66	1	3	29	27	5	1	0	0	0	0	0	0	0	1	1.515	0	0	0	0	20.3	24.1											
1900	54	0	1	20	21	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.6	26											
2000	37	1	0	16	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.7	24.9											
2100	24	0	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.1	23.1											
2200	12	0	0	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.2	25.6											
2300	5	0	0	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.2	-											
07-19	731	7	44	303	296	76	5	0	0	0	0	0	0	0	5	0.684	0	0	0	0	20.3	24.4											
06-22	848	8	45	351	346	93	5	0	0	0	0	0	0	0	5	0.59	0	0	0	0	20.4	24.5											
06-00	865	8	45	352	356	99	5	0	0	0	0	0	0	0	5	0.578	0	0	0	0	20.4	24.6											
00-00	869	8	45	352	359	99	6	0	0	0	0	0	0	0	6	0.69	0	0	0	0	20.5	24.6											

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)							
0/1/00		to								13 July 2023								Direction		Southbound		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile							
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed							
13 July 2023																													
0000	4	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.9	-							
0100	3	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.8	-							
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-							
0300	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.7	-							
0400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-							
0500	2	0	0	0	0	0	2	0	0	0	0	0	0	0	2	100	0	0	0	0	31.3	-							
0600	4	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.9	-							
0700	43	0	6	10	19	6	2	0	0	0	0	0	0	0	2	4.651	0	0	0	0	21.2	25.6							
0800	69	2	1	25	31	8	2	0	0	0	0	0	0	0	2	2.899	0	0	0	0	20.7	25.1							
0900	65	2	8	18	29	7	1	0	0	0	0	0	0	0	1	1.538	0	0	0	0	19.8	24.2							
1000	66	0	10	30	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.3	23.1							
1100	65	1	5	32	24	2	1	0	0	0	0	0	0	0	1	1.538	0	0	0	0	19.2	22.9							
1200	70	1	5	28	32	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.9	23							
1300	74	0	4	26	43	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.9	22.1							
1400	49	1	4	19	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.3	25.7							
1500	62	1	7	33	17	3	1	0	0	0	0	0	0	0	1	1.613	0	0	0	0	18.9	23.6							
1600	79	0	8	37	27	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	24.3							
1700	74	1	4	18	38	11	2	0	0	0	0	0	0	0	2	2.703	0	0	0	0	21.2	25.9							
1800	68	0	4	24	37	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.5	23.8							
1900	44	0	7	12	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.4	25.6							
2000	35	0	1	10	21	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.1	23.6							
2100	34	0	1	10	18	4	1	0	0	0	0	0	0	0	1	2.941	0	0	0	0	21.4	25.1							
2200	19	0	1	7	9	1	1	0	0	0	0	0	0	0	1	5.263	0	0	0	0	20.9	24.3							
2300	5	0	0	1	2	1	1	0	0	0	0	0	0	0	1	20	0	0	0	0	24.6	-							
07-19	784	9	66	300	332	68	9	0	0	0	0	0	0	0	9	1.148	0	0	0	0	20	23.7							
06-22	901	9	75	332	390	85	10	0	0	0	0	0	0	0	10	1.11	0	0	0	0	20.2	23.9							
06-00	925	9	76	340	401	87	12	0	0	0	0	0	0	0	12	1.297	0	0	0	0	20.2	24							
00-00	935	9	76	343	404	89	14	0	0	0	0	0	0	0	14	1.497	0	0	0	0	20.3	24							

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)											
0/1/00		to										13 July 2023										Direction		Southbound		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile											
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed											
Average Day																																	
0000	3	0	0	1	1	1	0	0	0	0	0	0	0	0	0	4.167	0	4.167	0	0	21.6	-											
0100	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	7.143	0	7.143	0	0	25.4	-											
0200	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.4	-											
0300	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.1	-											
0400	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.8	-											
0500	4	0	0	1	2	1	1	0	0	0	0	0	0	0	1	15.38	0	0	0	0	24.7	-											
0600	11	0	0	3	6	2	0	0	0	0	0	0	0	0	0	2.564	0	0	0	0	22.2	25.3											
0700	37	0	2	12	16	6	1	0	0	0	0	0	0	0	1	2.299	0	0	0	0	21.2	25.6											
0800	58	1	2	23	23	8	1	0	0	0	0	0	0	0	1	1.489	0	0.248	0	0	20.7	24.9											
0900	56	1	7	22	22	4	0	0	0	0	0	0	0	0	0	0.509	0	0	0	0	19.5	23.7											
1000	69	1	7	27	27	6	0	0	0	0	0	0	0	0	0	0.413	0	0	0	0	19.7	23.5											
1100	65	0	6	25	28	4	1	0	0	0	0	0	0	0	1	1.106	0	0	0	0	20	23.5											
1200	64	1	6	25	25	6	1	0	0	0	0	0	0	0	1	0.891	0	0	0	0	20.1	24.2											
1300	66	1	4	25	29	5	1	0	0	0	0	0	0	0	1	0.87	0	0	0	0	20.1	23.6											
1400	60	1	3	25	23	7	0	0	0	0	0	0	0	0	0	0.476	0	0	0	0	20.3	24.5											
1500	72	1	5	31	29	6	1	0	0	0	0	0	0	0	1	1.19	0	0.198	0	0	20.1	23.9											
1600	67	1	5	24	28	8	0	0	0	0	0	0	0	0	0	0.215	0	0	0	0	20.4	24.5											
1700	71	0	3	18	35	13	1	0	0	0	0	0	0	0	1	1.804	0	0	0	0	21.6	25.8											
1800	60	1	4	17	28	9	0	0	0	0	0	0	0	0	1	0.95	0	0.475	0	0.238	21	25.1											
1900	45	0	3	13	21	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.3	25.5											
2000	31	0	1	9	16	5	1	0	0	0	0	0	0	0	1	2.283	0	0.457	0	0.457	21.6	25.4											
2100	25	0	1	8	11	4	1	0	0	0	0	0	0	0	1	2.273	0	0	0	0	21.2	25.4											
2200	17	0	1	5	9	3	1	0	0	0	0	0	0	0	1	4.098	0	0.82	0	0	21.9	26.1											
2300	7	0	0	2	2	2	0	0	0	0	0	0	0	0	0	6.383	0	0	0	0	23.9	-											
07-19	745	8	55	275	315	83	7	0	0	0	0	0	0	0	7	0.979	1	0.077	0	0.019	20.4	24.4											
06-22	857	9	61	307	369	102	8	0	0	0	0	0	0	0	9	1.034	1	0.083	0	0.033	20.5	24.6											
06-00	881	9	62	313	380	107	9	0	0	0	0	0	0	0	10	1.135	1	0.097	0	0.032	20.6	24.6											
00-00	893	9	62	316	385	111	10	1	0	0	0	0	0	0	11	1.216	1	0.128	0	0.032	20.6	24.7											

SS1179 Three Crosses Swansea										Site	Location											
0/1/00										1	Gowerton Road (51.629354 -4.062354)											
to										Direction	Southbound											
13 July 2023										Speed Bins					Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean Speed	85%ile Speed
		10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT		

Virtual Week

Mon	762	9	45	290	317	93	7	1	0	0	0	0	0	0	8	1.05	1	0.131	0	0	20.5	24.7
Tue	884	7	60	339	365	103	8	1	1	0	0	0	0	0	10	1.131	2	0.226	0	0	20.5	24.5
Wed	869	8	45	352	359	99	6	0	0	0	0	0	0	0	6	0.69	0	0	0	0	20.5	24.6
Thu	935	9	76	343	404	89	14	0	0	0	0	0	0	0	14	1.497	0	0	0	0	20.3	24
Fri	1131	9	61	326	533	185	15	1	0	1	0	0	0	0	17	1.503	2	0.177	1	0.088	21.3	25.4
Sat	994	12	100	360	416	99	7	0	0	0	0	0	0	0	7	0.704	0	0	0	0	20.1	24
Sun	676	9	45	202	299	107	11	2	0	1	0	0	0	0	14	2.071	3	0.444	1	0.148	21.1	25.7

5 Day Average

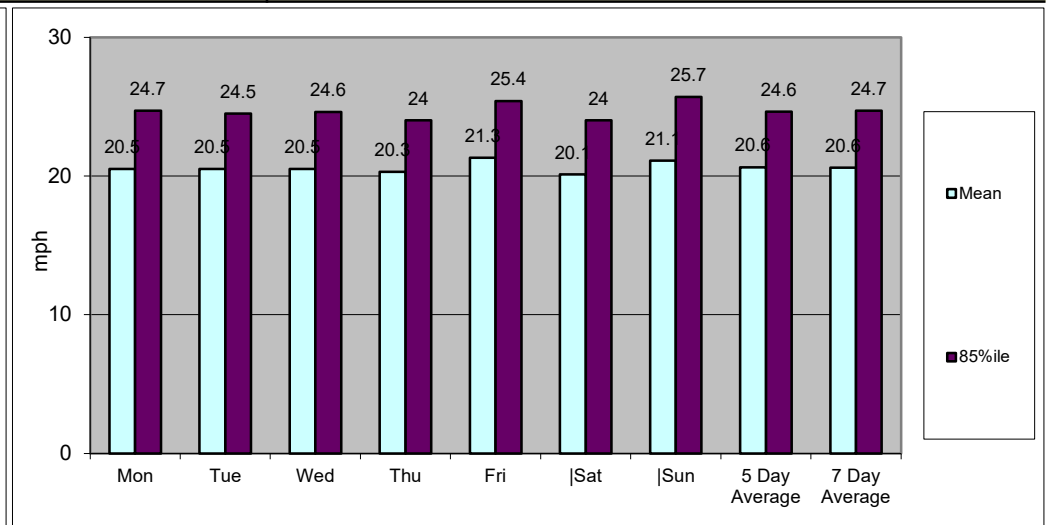
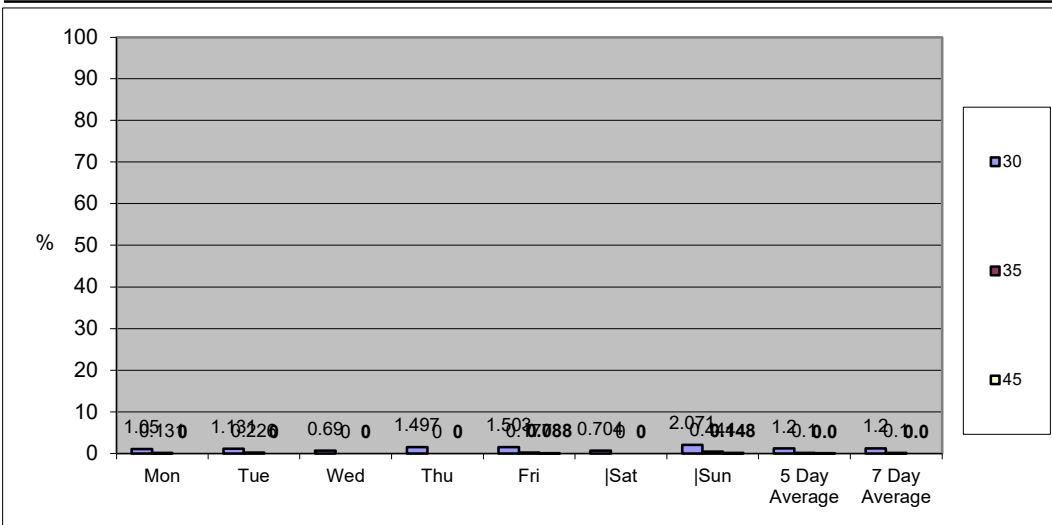
[--]	916	8	57	330	396	114	10	1	0	0	0	0	0	0	11	1.2	1	0.1	0	0.0	20.6	24.6
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7 Day Average

[--]	893	9	62	316	385	111	10	1	0	0	0	0	0	0	11	1.2	1	0.1	0	0.0	20.6	24.7
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Total Vehicles

[--]	6251	63	432	2212	2693	775	68	5	1	2	0	0	0	0	76	1.2	8	0.1	2	0.0	20.6	24.7
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SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)							
07 July 2023					to	13 July 2023	Direction	Two-Way							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
07 July 2023															
0000	9	0	9	0	0	0	0	0	0	0	0	0	0	0	
0100	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0200	4	0	4	0	0	0	0	0	0	0	0	0	0	0	
0300	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0500	10	0	6	3	0	0	1	0	0	0	0	0	0	0	
0600	28	2	22	4	0	0	0	0	0	0	0	0	0	0	
0700	76	2	56	16	0	1	1	0	0	0	0	0	0	0	
0800	128	0	103	23	0	1	1	0	0	0	0	0	0	0	
0900	106	0	71	34	0	1	0	0	0	0	0	0	0	0	
1000	127	5	105	16	0	1	0	0	0	0	0	0	0	0	
1100	137	2	111	23	0	1	0	0	0	0	0	0	0	0	
1200	128	3	97	25	0	2	1	0	0	0	0	0	0	0	
1300	137	3	111	22	0	1	0	0	0	0	0	0	0	0	
1400	126	1	98	27	0	0	0	0	0	0	0	0	0	0	
1500	135	5	106	22	0	0	2	0	0	0	0	0	0	0	
1600	131	4	104	23	0	0	0	0	0	0	0	0	0	0	
1700	152	3	125	23	0	0	1	0	0	0	0	0	0	0	
1800	130	2	112	15	0	1	0	0	0	0	0	0	0	0	
1900	88	1	70	17	0	0	0	0	0	0	0	0	0	0	
2000	90	2	73	15	0	0	0	0	0	0	0	0	0	0	
2100	74	1	64	9	0	0	0	0	0	0	0	0	0	0	
2200	47	0	44	3	0	0	0	0	0	0	0	0	0	0	
2300	26	0	21	5	0	0	0	0	0	0	0	0	0	0	
07-19	1513	30	1199	269	0	9	6	0	0	0	0	0	0	0	
06-22	1793	36	1428	314	0	9	6	0	0	0	0	0	0	0	
06-00	1866	36	1493	322	0	9	6	0	0	0	0	0	0	0	
00-00	1894	36	1517	325	0	9	7	0	0	0	0	0	0	0	

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023			to			13 July 2023			Direction Two-Way						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
08 July 2023															
0000	7	0	5	2	0	0	0	0	0	0	0	0	0	0	
0100	10	0	8	2	0	0	0	0	0	0	0	0	0	0	
0200	5	0	4	1	0	0	0	0	0	0	0	0	0	0	
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0400	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0500	15	1	14	0	0	0	0	0	0	0	0	0	0	0	
0600	43	0	41	2	0	0	0	0	0	0	0	0	0	0	
0700	51	0	49	2	0	0	0	0	0	0	0	0	0	0	
0800	67	0	57	9	0	0	1	0	0	0	0	0	0	0	
0900	98	3	82	8	0	1	4	0	0	0	0	0	0	0	
1000	135	1	115	17	0	1	0	0	0	0	0	1	0	0	
1100	135	0	119	16	0	0	0	0	0	0	0	0	0	0	
1200	115	0	101	13	0	0	1	0	0	0	0	0	0	0	
1300	134	0	118	16	0	0	0	0	0	0	0	0	0	0	
1400	105	1	95	9	0	0	0	0	0	0	0	0	0	0	
1500	124	2	96	26	0	0	0	0	0	0	0	0	0	0	
1600	109	1	94	13	0	0	0	0	1	0	0	0	0	0	
1700	122	1	105	16	0	0	0	0	0	0	0	0	0	0	
1800	98	1	83	14	0	0	0	0	0	0	0	0	0	0	
1900	85	2	74	9	0	0	0	0	0	0	0	0	0	0	
2000	55	0	43	10	0	1	1	0	0	0	0	0	0	0	
2100	55	0	45	9	0	0	1	0	0	0	0	0	0	0	
2200	45	1	34	10	0	0	0	0	0	0	0	0	0	0	
2300	25	0	20	5	0	0	0	0	0	0	0	0	0	0	
07-19	1293	10	1114	159	0	2	6	0	1	0	0	1	0	0	
06-22	1531	12	1317	189	0	3	8	0	1	0	0	1	0	0	
06-00	1601	13	1371	204	0	3	8	0	1	0	0	1	0	0	
00-00	1641	14	1405	209	0	3	8	0	1	0	0	1	0	0	

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023			to			13 July 2023			Direction Two-Way						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
09 July 2023															
0000	10	0	7	3	0	0	0	0	0	0	0	0	0	0	
0100	8	0	5	2	0	1	0	0	0	0	0	0	0	0	
0200	6	0	5	1	0	0	0	0	0	0	0	0	0	0	
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0400	5	0	5	0	0	0	0	0	0	0	0	0	0	0	
0500	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
0600	9	0	9	0	0	0	0	0	0	0	0	0	0	0	
0700	21	1	16	4	0	0	0	0	0	0	0	0	0	0	
0800	49	0	43	6	0	0	0	0	0	0	0	0	0	0	
0900	76	0	68	8	0	0	0	0	0	0	0	0	0	0	
1000	116	1	98	16	0	1	0	0	0	0	0	0	0	0	
1100	109	1	92	15	0	1	0	0	0	0	0	0	0	0	
1200	105	1	97	7	0	0	0	0	0	0	0	0	0	0	
1300	100	1	80	19	0	0	0	0	0	0	0	0	0	0	
1400	81	0	68	13	0	0	0	0	0	0	0	0	0	0	
1500	83	2	74	7	0	0	0	0	0	0	0	0	0	0	
1600	98	0	83	13	0	2	0	0	0	0	0	0	0	0	
1700	83	0	75	8	0	0	0	0	0	0	0	0	0	0	
1800	68	0	55	11	0	1	1	0	0	0	0	0	0	0	
1900	65	2	52	11	0	0	0	0	0	0	0	0	0	0	
2000	40	1	37	2	0	0	0	0	0	0	0	0	0	0	
2100	33	0	32	1	0	0	0	0	0	0	0	0	0	0	
2200	22	1	19	2	0	0	0	0	0	0	0	0	0	0	
2300	9	0	8	1	0	0	0	0	0	0	0	0	0	0	
07-19	989	7	849	127	0	5	1	0	0	0	0	0	0	0	
06-22	1136	10	979	141	0	5	1	0	0	0	0	0	0	0	
06-00	1167	11	1006	144	0	5	1	0	0	0	0	0	0	0	
00-00	1200	11	1032	150	0	6	1	0	0	0	0	0	0	0	

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)							
07 July 2023		to 13 July 2023			Direction	Two-Way									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
10 July 2023															
0000	5	0	5	0	0	0	0	0	0	0	0	0	0	0	
0100	2	0	1	1	0	0	0	0	0	0	0	0	0	0	
0200	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0400	3	0	2	1	0	0	0	0	0	0	0	0	0	0	
0500	4	0	2	2	0	0	0	0	0	0	0	0	0	0	
0600	15	0	14	1	0	0	0	0	0	0	0	0	0	0	
0700	76	3	53	20	0	0	0	0	0	0	0	0	0	0	
0800	116	1	90	24	0	1	0	0	0	0	0	0	0	0	
0900	93	0	66	27	0	0	0	0	0	0	0	0	0	0	
1000	101	0	80	19	0	0	2	0	0	0	0	0	0	0	
1100	87	0	68	19	0	0	0	0	0	0	0	0	0	0	
1200	88	1	65	20	0	1	1	0	0	0	0	0	0	0	
1300	88	1	65	22	0	0	0	0	0	0	0	0	0	0	
1400	94	1	79	14	0	0	0	0	0	0	0	0	0	0	
1500	117	2	92	20	0	2	1	0	0	0	0	0	0	0	
1600	109	1	88	18	0	1	1	0	0	0	0	0	0	0	
1700	113	0	95	16	0	2	0	0	0	0	0	0	0	0	
1800	78	1	70	7	0	0	0	0	0	0	0	0	0	0	
1900	70	0	58	11	0	1	0	0	0	0	0	0	0	0	
2000	39	0	32	6	0	1	0	0	0	0	0	0	0	0	
2100	28	1	23	4	0	0	0	0	0	0	0	0	0	0	
2200	16	0	16	0	0	0	0	0	0	0	0	0	0	0	
2300	5	0	4	1	0	0	0	0	0	0	0	0	0	0	
07-19	1160	11	911	226	0	7	5	0	0	0	0	0	0	0	
06-22	1312	12	1038	248	0	9	5	0	0	0	0	0	0	0	
06-00	1333	12	1058	249	0	9	5	0	0	0	0	0	0	0	
00-00	1348	12	1069	253	0	9	5	0	0	0	0	0	0	0	

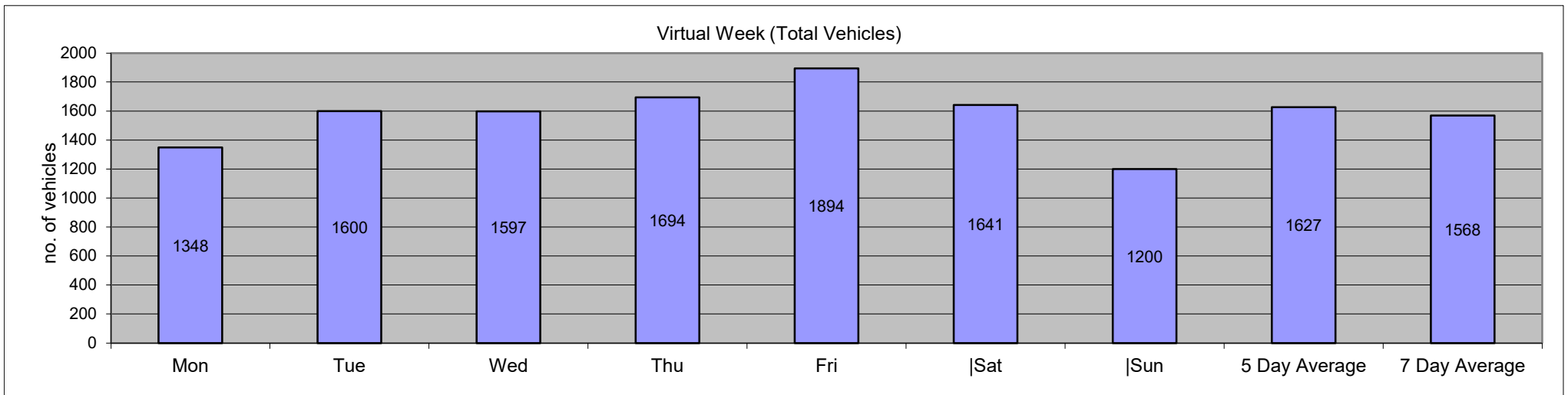
SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)							
07 July 2023		to 13 July 2023			Direction	Two-Way									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
11 July 2023															
0000	4	0	4	0	0	0	0	0	0	0	0	0	0	0	
0100	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0300	1	0	0	1	0	0	0	0	0	0	0	0	0	0	
0400	2	0	1	1	0	0	0	0	0	0	0	0	0	0	
0500	4	0	2	2	0	0	0	0	0	0	0	0	0	0	
0600	23	0	19	4	0	0	0	0	0	0	0	0	0	0	
0700	92	2	76	13	0	0	1	0	0	0	0	0	0	0	
0800	134	3	100	30	0	0	1	0	0	0	0	0	0	0	
0900	119	0	89	28	0	2	0	0	0	0	0	0	0	0	
1000	112	0	87	25	0	0	0	0	0	0	0	0	0	0	
1100	99	0	81	16	0	2	0	0	0	0	0	0	0	0	
1200	98	0	77	21	0	0	0	0	0	0	0	0	0	0	
1300	103	0	83	18	0	0	2	0	0	0	0	0	0	0	
1400	93	1	76	13	0	1	2	0	0	0	0	0	0	0	
1500	139	0	113	25	0	1	0	0	0	0	0	0	0	0	
1600	129	1	109	19	0	0	0	0	0	0	0	0	0	0	
1700	121	2	97	19	0	1	1	0	0	0	0	1	0	0	
1800	111	2	95	14	0	0	0	0	0	0	0	0	0	0	
1900	63	1	55	7	0	0	0	0	0	0	0	0	0	0	
2000	65	0	50	14	0	1	0	0	0	0	0	0	0	0	
2100	44	0	38	5	0	1	0	0	0	0	0	0	0	0	
2200	29	0	27	2	0	0	0	0	0	0	0	0	0	0	
2300	13	0	12	1	0	0	0	0	0	0	0	0	0	0	
07-19	1350	11	1083	241	0	7	7	0	0	0	0	1	0	0	
06-22	1545	12	1245	271	0	9	7	0	0	0	0	1	0	0	
06-00	1587	12	1284	274	0	9	7	0	0	0	0	1	0	0	
00-00	1600	12	1293	278	0	9	7	0	0	0	0	1	0	0	

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to				13 July 2023		Direction	Two-Way						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
12 July 2023															
0000	3	0	3	0	0	0	0	0	0	0	0	0	0	0	
0100	2	0	2	0	0	0	0	0	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0500	8	0	6	2	0	0	0	0	0	0	0	0	0	0	
0600	18	1	16	1	0	0	0	0	0	0	0	0	0	0	
0700	86	2	66	16	0	0	1	0	0	0	0	1	0	0	
0800	134	0	103	30	0	0	1	0	0	0	0	0	0	0	
0900	110	1	87	19	0	1	2	0	0	0	0	0	0	0	
1000	90	0	78	11	0	1	0	0	0	0	0	0	0	0	
1100	100	0	79	19	0	2	0	0	0	0	0	0	0	0	
1200	91	0	74	15	0	2	0	0	0	0	0	0	0	0	
1300	105	0	82	21	0	2	0	0	0	0	0	0	0	0	
1400	90	1	73	15	0	1	0	0	0	0	0	0	0	0	
1500	141	0	116	23	0	1	0	0	1	0	0	0	0	0	
1600	126	1	98	24	0	2	1	0	0	0	0	0	0	0	
1700	137	4	108	23	0	0	1	0	0	0	0	1	0	0	
1800	119	3	100	16	0	0	0	0	0	0	0	0	0	0	
1900	90	4	78	8	0	0	0	0	0	0	0	0	0	0	
2000	66	1	50	15	0	0	0	0	0	0	0	0	0	0	
2100	48	0	41	5	0	1	1	0	0	0	0	0	0	0	
2200	22	0	17	5	0	0	0	0	0	0	0	0	0	0	
2300	10	0	9	1	0	0	0	0	0	0	0	0	0	0	
07-19	1329	12	1064	232	0	12	6	0	1	0	0	2	0	0	
06-22	1551	18	1249	261	0	13	7	0	1	0	0	2	0	0	
06-00	1583	18	1275	267	0	13	7	0	1	0	0	2	0	0	
00-00	1597	18	1287	269	0	13	7	0	1	0	0	2	0	0	

SS1179 Three Crosses Swansea						Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to				13 July 2023		Direction	Two-Way						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC	
13 July 2023															
0000	6	0	4	1	0	1	0	0	0	0	0	0	0	0	
0100	4	0	2	2	0	0	0	0	0	0	0	0	0	0	
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0400	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
0500	5	0	1	4	0	0	0	0	0	0	0	0	0	0	
0600	14	2	10	2	0	0	0	0	0	0	0	0	0	0	
0700	86	2	63	19	0	0	1	0	0	0	0	1	0	0	
0800	123	2	94	26	0	0	1	0	0	0	0	0	0	0	
0900	112	3	82	26	0	1	0	0	0	0	0	0	0	0	
1000	108	1	84	22	0	0	1	0	0	0	0	0	0	0	
1100	110	3	83	23	0	1	0	0	0	0	0	0	0	0	
1200	115	0	96	16	0	1	2	0	0	0	0	0	0	0	
1300	111	1	96	12	0	1	0	0	1	0	0	0	0	0	
1400	106	2	84	18	0	1	1	0	0	0	0	0	0	0	
1500	116	4	94	17	0	0	0	0	1	0	0	0	0	0	
1600	175	2	140	31	0	0	0	0	1	0	0	1	0	0	
1700	142	1	112	26	0	1	1	0	1	0	0	0	0	0	
1800	113	2	97	14	0	0	0	0	0	0	0	0	0	0	
1900	85	0	71	14	0	0	0	0	0	0	0	0	0	0	
2000	70	0	61	7	0	0	2	0	0	0	0	0	0	0	
2100	47	0	40	6	0	0	1	0	0	0	0	0	0	0	
2200	32	0	32	0	0	0	0	0	0	0	0	0	0	0	
2300	12	1	10	1	0	0	0	0	0	0	0	0	0	0	
07-19	1417	23	1125	250	0	6	7	0	4	0	0	2	0	0	
06-22	1633	25	1307	279	0	6	10	0	4	0	0	2	0	0	
06-00	1677	26	1349	280	0	6	10	0	4	0	0	2	0	0	
00-00	1694	26	1358	287	0	7	10	0	4	0	0	2	0	0	

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to 13 July 2023			Direction	Two-Way								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Average Day														
0000	6	0	5	1	0	0	0	0	0	0	0	0	0	0
0100	4	0	3	1	0	0	0	0	0	0	0	0	0	0
0200	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0300	1	0	1	0	0	0	0	0	0	0	0	0	0	0
0400	2	0	2	0	0	0	0	0	0	0	0	0	0	0
0500	7	0	5	2	0	0	0	0	0	0	0	0	0	0
0600	21	1	19	2	0	0	0	0	0	0	0	0	0	0
0700	70	2	54	13	0	0	1	0	0	0	0	0	0	0
0800	107	1	84	21	0	0	1	0	0	0	0	0	0	0
0900	102	1	78	21	0	1	1	0	0	0	0	0	0	0
1000	113	1	92	18	0	1	0	0	0	0	0	0	0	0
1100	111	1	90	19	0	1	0	0	0	0	0	0	0	0
1200	106	1	87	17	0	1	1	0	0	0	0	0	0	0
1300	111	1	91	19	0	1	0	0	0	0	0	0	0	0
1400	99	1	82	16	0	0	0	0	0	0	0	0	0	0
1500	122	2	99	20	0	1	0	0	0	0	0	0	0	0
1600	125	1	102	20	0	1	0	0	0	0	0	0	0	0
1700	124	2	102	19	0	1	1	0	0	0	0	0	0	0
1800	102	2	87	13	0	0	0	0	0	0	0	0	0	0
1900	78	1	65	11	0	0	0	0	0	0	0	0	0	0
2000	61	1	49	10	0	0	0	0	0	0	0	0	0	0
2100	47	0	40	6	0	0	0	0	0	0	0	0	0	0
2200	30	0	27	3	0	0	0	0	0	0	0	0	0	0
2300	14	0	12	2	0	0	0	0	0	0	0	0	0	0
07-19	1293	15	1049	215	0	7	5	0	1	0	0	1	0	0
06-22	1500	18	1223	243	0	8	6	0	1	0	0	1	0	0
06-00	1545	18	1262	249	0	8	6	0	1	0	0	1	0	0
00-00	1568	18	1280	253	0	8	6	0	1	0	0	1	0	0

SS1179 Three Crosses Swansea					Site	1	Location	Gowerton Road (51.629354 -4.062354)						
07 July 2023		to			13 July 2023		Direction	Two-Way						
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Virtual Week														
Mon	1348	12	1069	253	0	9	5	0	0	0	0	0	0	0
Tue	1600	12	1293	278	0	9	7	0	0	0	0	1	0	0
Wed	1597	18	1287	269	0	13	7	0	1	0	0	2	0	0
Thu	1694	26	1358	287	0	7	10	0	4	0	0	2	0	0
Fri	1894	36	1517	325	0	9	7	0	0	0	0	0	0	0
Sat	1641	14	1405	209	0	3	8	0	1	0	0	1	0	0
Sun	1200	11	1032	150	0	6	1	0	0	0	0	0	0	0
5 Day Average														
[-]	1627	21	1305	282	0	9	7	0	1	0	0	1	0	0
7 Day Average														
[-]	1568	18	1280	253	0	8	6	0	1	0	0	1	0	0
Total Vehicles														
[-]	10974	129	8961	1771	0	56	45	0	6	0	0	6	0	0



SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)											
0/1/00		to										13 July 2023										Direction		Two-Way		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile											
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed											
Saturday, 0 January 1900																																	
0000	9	0	0	1	2	4	2	0	0	0	0	0	0	0	2	22.22	0	0	0	0	25.5	-											
0100	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	-											
0200	4	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.7	-											
0300	3	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.7	-											
0400	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.1	-											
0500	10	0	0	1	4	3	1	1	0	0	0	0	0	0	2	20	1	10	0	0	26	-											
0600	28	0	0	2	11	13	2	0	0	0	0	0	0	0	2	7.143	0	0	0	0	25	28.9											
0700	76	0	3	18	32	20	3	0	0	0	0	0	0	0	3	3.947	0	0	0	0	22.7	27											
0800	128	0	4	43	49	28	4	0	0	0	0	0	0	0	4	3.125	0	0	0	0	22	26.6											
0900	106	1	7	35	47	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.7	25											
1000	127	1	11	41	50	23	0	1	0	0	0	0	0	0	1	0.787	1	0.787	0	0	20.8	25.9											
1100	137	0	8	44	65	15	5	0	0	0	0	0	0	0	5	3.65	0	0	0	0	21.2	25											
1200	128	1	12	29	52	26	8	0	0	0	0	0	0	0	8	6.25	0	0	0	0	22.1	27											
1300	137	1	4	36	67	24	4	1	0	0	0	0	0	0	5	3.65	1	0.73	0	0	22	26.4											
1400	126	3	7	41	50	22	2	0	1	0	0	0	0	0	3	2.381	1	0.794	0	0	21.3	25.7											
1500	135	3	8	41	55	21	5	2	0	0	0	0	0	0	7	5.185	2	1.481	0	0	21.2	25.8											
1600	131	3	10	38	48	27	5	0	0	0	0	0	0	0	5	3.817	0	0	0	0	21.6	28.1											
1700	152	1	3	21	77	44	6	0	0	0	0	0	0	0	6	3.947	0	0	0	0	23.4	27.5											
1800	130	0	2	29	61	35	1	2	0	0	0	0	0	0	3	2.308	2	1.538	0	0	22.9	27											
1900	88	0	1	19	48	19	1	0	0	0	0	0	0	0	1	1.136	0	0	0	0	22.4	26.4											
2000	90	0	2	20	52	10	4	1	0	1	0	0	0	0	6	6.667	2	2.222	1	1.111	22.7	25.6											
2100	74	0	4	19	34	12	4	1	0	0	0	0	0	0	5	6.757	1	1.351	0	0	22	26.3											
2200	47	0	2	15	15	12	2	0	1	0	0	0	0	0	3	6.383	1	2.128	0	0	22.5	28.1											
2300	26	0	0	6	7	9	2	1	1	0	0	0	0	0	4	15.38	2	7.692	0	0	25.1	30.7											
07-19	1513	14	79	416	653	301	43	6	1	0	0	0	0	0	50	3.305	7	0.463	0	0	21.8	26.3											
06-22	1793	14	86	476	798	355	54	8	1	1	0	0	0	0	64	3.569	10	0.558	1	0.056	22	26.3											
06-00	1866	14	88	497	820	376	58	9	3	1	0	0	0	0	71	3.805	13	0.697	1	0.054	22	26.4											
00-00	1894	16	88	501	829	385	61	10	3	1	0	0	0	0	75	3.96	14	0.739	1	0.053	22	26.4											

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)											
0/1/00		to										13 July 2023										Direction		Two-Way		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile											
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed											
08 July 2023																																	
0000	7	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.1	-											
0100	10	0	1	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	-											
0200	5	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.7	-											
0300	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	100	0	0	0	0	30.4	-											
0400	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.7	-											
0500	15	0	0	2	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.5	29.7											
0600	43	0	0	15	23	4	1	0	0	0	0	0	0	0	1	2.326	0	0	0	0	21.6	24.8											
0700	51	0	4	18	25	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.3	22.9											
0800	67	1	5	28	26	6	0	1	0	0	0	0	0	0	1	1.493	1	1.493	0	0	19.9	23.3											
0900	98	1	19	47	27	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.1	21.8											
1000	135	2	20	44	56	9	3	1	0	0	0	0	0	0	4	2.963	1	0.741	0	0	19.8	23.7											
1100	135	1	11	47	52	22	2	0	0	0	0	0	0	0	2	1.481	0	0	0	0	21	25.6											
1200	115	4	10	42	45	12	0	1	0	0	1	0	0	0	2	1.739	2	1.739	1	0.87	20.4	24.3											
1300	134	2	17	48	55	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.6	23.8											
1400	105	0	4	38	44	13	4	1	0	0	1	0	0	0	6	5.714	2	1.905	1	0.952	21.9	25.5											
1500	124	1	12	44	47	19	1	0	0	0	0	0	0	0	1	0.806	0	0	0	0	20.6	25.6											
1600	109	0	4	28	53	20	3	1	0	0	0	0	0	0	4	3.67	1	0.917	0	0	22.2	26.6											
1700	122	0	6	37	50	28	1	0	0	0	0	0	0	0	1	0.82	0	0	0	0	21.6	26.2											
1800	98	6	19	20	38	11	4	0	0	0	0	0	0	0	4	4.082	0	0	0	0	19.6	25.1											
1900	85	0	5	24	32	23	1	0	0	0	0	0	0	0	1	1.176	0	0	0	0	22.1	26.7											
2000	55	0	4	12	21	17	1	0	0	0	0	0	0	0	1	1.818	0	0	0	0	22.3	26.3											
2100	55	2	10	12	18	9	2	1	1	0	0	0	0	0	4	7.273	2	3.636	0	0	20.8	27.4											
2200	45	0	2	7	28	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.1	26											
2300	25	0	0	3	12	5	2	1	1	1	0	0	0	0	5	20	3	12	1	4	26	33.4											
07-19	1293	18	131	441	518	160	18	5	0	0	2	0	0	0	25	1.933	7	0.541	2	0.155	20.5	24.7											
06-22	1531	20	150	504	612	213	23	6	1	0	2	0	0	0	32	2.09	9	0.588	2	0.131	20.7	25.3											
06-00	1601	20	152	514	652	226	25	7	2	1	2	0	0	0	37	2.311	12	0.75	3	0.187	20.8	25.3											
00-00	1641	21	153	523	668	238	26	7	2	1	2	0	0	0	38	2.316	12	0.731	3	0.183	20.8	25.4											

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)			
0/1/00		to								13 July 2023		Direction	Two-Way		Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile			
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed			
09 July 2023																									
0000	10	0	1	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.9	-			
0100	8	0	0	0	5	2	0	1	0	0	0	0	0	0	1	12.5	1	12.5	0	0	26	-			
0200	6	0	0	1	2	2	1	0	0	0	0	0	0	0	1	16.67	0	0	0	0	24.1	-			
0300	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.5	-			
0400	5	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26.3	-			
0500	3	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.8	-			
0600	9	0	0	0	5	3	1	0	0	0	0	0	0	0	1	11.11	0	0	0	0	24.6	-			
0700	21	0	0	3	10	6	2	0	0	0	0	0	0	0	2	9.524	0	0	0	0	24.5	29.8			
0800	49	0	0	11	24	12	1	1	0	0	0	0	0	0	2	4.082	1	2.041	0	0	23.1	27			
0900	76	2	3	21	35	12	3	0	0	0	0	0	0	0	3	3.947	0	0	0	0	21.8	27.2			
1000	116	1	5	35	54	18	3	0	0	0	0	0	0	0	3	2.586	0	0	0	0	21.1	25.4			
1100	109	1	10	23	51	21	3	0	0	0	0	0	0	0	3	2.752	0	0	0	0	21.7	26.2			
1200	105	1	9	28	40	24	3	0	0	0	0	0	0	0	3	2.857	0	0	0	0	21.6	27			
1300	100	3	5	39	35	13	3	2	0	0	0	0	0	0	5	5	2	2	0	0	21	25.9			
1400	81	0	2	29	31	14	4	1	0	0	0	0	0	0	5	6.173	1	1.235	0	0	22	26.3			
1500	83	1	1	25	41	13	1	1	0	0	0	0	0	0	2	2.41	1	1.205	0	0	21.7	25.6			
1600	98	3	13	18	39	21	3	1	0	0	0	0	0	0	4	4.082	1	1.02	0	0	21	26.1			
1700	83	0	6	24	41	11	0	1	0	0	0	0	0	0	1	1.205	1	1.205	0	0	21.3	24.9			
1800	68	0	6	13	28	18	2	0	0	1	0	0	0	0	3	4.412	1	1.471	1	1.471	22.5	27.7			
1900	65	0	6	18	20	13	2	5	1	0	0	0	0	0	8	12.31	6	9.231	0	0	23.2	29.8			
2000	40	1	5	9	12	9	4	0	0	0	0	0	0	0	4	10	0	0	0	0	22	28.8			
2100	33	0	1	5	13	8	5	0	1	0	0	0	0	0	6	18.18	1	3.03	0	0	25.1	31.2			
2200	22	1	1	4	9	6	0	1	0	0	0	0	0	0	1	4.545	1	4.545	0	0	22	27.4			
2300	9	0	0	2	2	4	1	0	0	0	0	0	0	0	1	11.11	0	0	0	0	24.8	-			
07-19	989	12	60	269	429	183	28	7	0	1	0	0	0	0	36	3.64	8	0.809	1	0.101	21.7	26.2			
06-22	1136	13	72	301	479	216	40	12	2	1	0	0	0	0	55	4.842	15	1.32	1	0.088	21.9	26.6			
06-00	1167	14	73	307	490	226	41	13	2	1	0	0	0	0	57	4.884	16	1.371	1	0.086	21.9	26.8			
00-00	1200	14	74	313	505	235	42	14	2	1	0	0	0	0	59	4.917	17	1.417	1	0.083	21.9	26.8			

SS1179 Three Crosses Swansea										Site	Location											
0/1/00										1	Gowerton Road (51.629354 -4.062354)											
to										Direction	Two-Way											
13 July 2023																						
Time Period	Total Vehicles	Speed Bins										Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean Speed	85%ile Speed			
		0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35			35	45	45
10 July 2023																						
0000	5	0	0	2	1	0	1	1	0	0	0	0	0	0	2	40	1	20	0	0	25.5	-
0100	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	-
0200	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27.6	-
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
0400	3	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.1	-
0500	4	0	0	0	0	3	0	1	0	0	0	0	0	0	1	25	1	25	0	0	30	-
0600	15	0	1	1	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.8	26.7
0700	76	0	2	18	26	26	2	2	0	0	0	0	0	0	4	5.263	2	2.632	0	0	23.5	28.2
0800	116	3	6	41	47	18	0	1	0	0	0	0	0	0	1	0.862	1	0.862	0	0	20.9	25.3
0900	93	1	5	31	42	12	2	0	0	0	0	0	0	0	2	2.151	0	0	0	0	21	25
1000	101	0	7	39	44	10	1	0	0	0	0	0	0	0	1	0.99	0	0	0	0	20.5	23.9
1100	87	0	10	26	36	12	2	0	1	0	0	0	0	0	3	3.448	1	1.149	0	0	20.8	25.3
1200	88	1	7	38	31	10	1	0	0	0	0	0	0	0	1	1.136	0	0	0	0	20.1	24.7
1300	88	0	2	31	43	11	0	1	0	0	0	0	0	0	1	1.136	1	1.136	0	0	21.5	24.9
1400	94	3	3	35	41	8	4	0	0	0	0	0	0	0	4	4.255	0	0	0	0	20.7	24.6
1500	117	0	5	44	56	11	1	0	0	0	0	0	0	0	1	0.855	0	0	0	0	20.6	23.9
1600	109	0	8	28	49	21	3	0	0	0	0	0	0	0	3	2.752	0	0	0	0	21.6	26.3
1700	113	1	2	36	42	26	5	0	1	0	0	0	0	0	6	5.31	1	0.885	0	0	22.2	27.1
1800	78	5	7	26	27	12	1	0	0	0	0	0	0	0	1	1.282	0	0	0	0	20	25.4
1900	70	0	3	23	31	10	1	1	0	0	1	0	0	0	3	4.286	2	2.857	1	1.429	22.1	26.1
2000	39	1	1	7	19	9	2	0	0	0	0	0	0	0	2	5.128	0	0	0	0	22.7	27
2100	28	0	0	4	12	8	4	0	0	0	0	0	0	0	4	14.29	0	0	0	0	24.7	29.8
2200	16	0	0	3	5	4	4	0	0	0	0	0	0	0	4	25	0	0	0	0	25.5	32.3
2300	5	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.9	-
07-19	1160	14	64	393	484	177	22	4	2	0	0	0	0	0	28	2.414	6	0.517	0	0	21.1	25.5
06-22	1312	15	69	428	553	210	29	5	2	0	1	0	0	0	37	2.82	8	0.61	1	0.076	21.3	25.7
06-00	1333	15	69	434	559	215	33	5	2	0	1	0	0	0	41	3.076	8	0.6	1	0.075	21.4	25.7
00-00	1348	15	70	437	561	221	34	7	2	0	1	0	0	0	44	3.264	10	0.742	1	0.074	21.4	25.7

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)						
0/1/00		to								13 July 2023								Direction	Two-Way		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile						
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed						
11 July 2023																												
0000	4	0	0	1	0	2	0	1	0	0	0	0	0	0	1	25	1	25	0	0	26.9	-						
0100	2	0	0	0	0	1	0	0	1	0	0	0	0	0	1	50	1	50	0	0	35.8	-						
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-						
0300	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.4	-						
0400	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.4	-						
0500	4	0	0	0	0	3	1	0	0	0	0	0	0	0	1	25	0	0	0	0	28.9	-						
0600	23	1	0	3	12	5	2	0	0	0	0	0	0	0	2	8.696	0	0	0	0	23	27.8						
0700	92	0	3	31	29	22	6	1	0	0	0	0	0	0	7	7.609	1	1.087	0	0	22.5	27.1						
0800	134	4	2	43	60	23	1	1	0	0	0	0	0	0	2	1.493	1	0.746	0	0	21.2	25.5						
0900	119	0	13	43	49	13	1	0	0	0	0	0	0	0	1	0.84	0	0	0	0	20.1	24.4						
1000	112	2	12	31	47	19	1	0	0	0	0	0	0	0	1	0.893	0	0	0	0	20.7	25.6						
1100	99	1	7	38	38	13	2	0	0	0	0	0	0	0	2	2.02	0	0	0	0	20.7	25.1						
1200	98	0	7	34	40	14	3	0	0	0	0	0	0	0	3	3.061	0	0	0	0	21.2	25.5						
1300	103	0	8	32	47	15	1	0	0	0	0	0	0	0	1	0.971	0	0	0	0	20.8	25.4						
1400	93	1	6	46	34	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.5	23.3						
1500	139	1	9	59	49	16	3	2	0	0	0	0	0	0	5	3.597	2	1.439	0	0	20.8	25.1						
1600	129	0	4	53	60	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.8	24.2						
1700	121	2	7	30	56	17	7	2	0	0	0	0	0	0	9	7.438	2	1.653	0	0	21.8	25.8						
1800	111	2	7	21	57	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.6	25.6						
1900	63	1	4	13	31	9	4	1	0	0	0	0	0	0	5	7.937	1	1.587	0	0	22.3	26.7						
2000	65	0	2	20	29	10	4	0	0	0	0	0	0	0	4	6.154	0	0	0	0	22.2	26.3						
2100	44	0	1	13	21	8	1	0	0	0	0	0	0	0	1	2.273	0	0	0	0	22.2	26.7						
2200	29	0	1	9	11	5	0	2	1	0	0	0	0	0	3	10.34	3	10.34	0	0	23	28.5						
2300	13	0	0	2	5	5	1	0	0	0	0	0	0	0	1	7.692	0	0	0	0	24.2	29.3						
07-19	1350	13	85	461	566	194	25	6	0	0	0	0	0	0	31	2.296	6	0.444	0	0	21	25.3						
06-22	1545	15	92	510	659	226	36	7	0	0	0	0	0	0	43	2.783	7	0.453	0	0	21.2	25.4						
06-00	1587	15	93	521	675	236	37	9	1	0	0	0	0	0	47	2.962	10	0.63	0	0	21.2	25.4						
00-00	1600	15	93	523	676	243	38	10	2	0	0	0	0	0	50	3.125	12	0.75	0	0	21.3	25.5						

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)			
0/1/00		to								13 July 2023		Direction	Two-Way		Speed Limit (PSL)					ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile			
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed			
12 July 2023																									
0000	3	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24.1	-			
0100	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.2	-			
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
0300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
0400	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.4	-			
0500	8	0	0	0	5	2	1	0	0	0	0	0	0	0	1	12.5	0	0	0	0	24.2	-			
0600	18	0	0	0	10	6	1	1	0	0	0	0	0	0	2	11.11	1	5.556	0	0	25.8	29.4			
0700	86	3	2	26	33	15	7	0	0	0	0	0	0	0	7	8.14	0	0	0	0	22.1	27.6			
0800	134	2	2	44	52	28	6	0	0	0	0	0	0	0	6	4.478	0	0	0	0	22	27.5			
0900	110	4	6	40	48	11	1	0	0	0	0	0	0	0	1	0.909	0	0	0	0	20.1	24.4			
1000	90	0	5	26	42	14	3	0	0	0	0	0	0	0	3	3.333	0	0	0	0	21.4	25.6			
1100	100	0	10	46	39	1	4	0	0	0	0	0	0	0	4	4	0	0	0	0	19.7	22.8			
1200	91	4	6	42	28	10	1	0	0	0	0	0	0	0	1	1.099	0	0	0	0	19.7	24.2			
1300	105	4	6	48	34	11	2	0	0	0	0	0	0	0	2	1.905	0	0	0	0	19.5	24.5			
1400	90	1	4	34	38	11	1	1	0	0	0	0	0	0	2	2.222	1	1.111	0	0	20.8	25			
1500	141	3	12	71	45	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.3	23.5			
1600	126	2	4	38	53	26	2	1	0	0	0	0	0	0	3	2.381	1	0.794	0	0	21.6	26.4			
1700	137	3	4	30	67	25	7	0	1	0	0	0	0	0	8	5.839	1	0.73	0	0	22.3	26.8			
1800	119	1	7	43	48	17	3	0	0	0	0	0	0	0	3	2.521	0	0	0	0	21.1	25.5			
1900	90	0	2	31	35	21	0	0	0	0	0	1	0	0	1	1.111	1	1.111	1	1.111	22.2	26.9			
2000	66	1	0	26	25	13	1	0	0	0	0	0	0	0	1	1.515	0	0	0	0	21.5	26.3			
2100	48	0	0	21	20	1	5	1	0	0	0	0	0	0	6	12.5	1	2.083	0	0	22	25.8			
2200	22	0	0	1	14	5	0	1	1	0	0	0	0	0	2	9.091	2	9.091	0	0	24.9	28.6			
2300	10	0	0	3	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.7	-			
07-19	1329	27	68	488	527	179	37	2	1	0	0	0	0	0	40	3.01	3	0.226	0	0	20.8	25.3			
06-22	1551	28	70	566	617	220	44	4	1	0	0	1	0	0	50	3.224	6	0.387	1	0.064	21	25.7			
06-00	1583	28	70	570	633	230	44	5	2	0	0	1	0	0	52	3.285	8	0.505	1	0.063	21.1	25.8			
00-00	1597	28	70	570	643	233	45	5	2	0	0	1	0	0	53	3.319	8	0.501	1	0.063	21.1	25.8			

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)																				
0/1/00		to		13 July 2023										Direction	Two-Way										Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile										
Time	Total	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean	85%ile																				
Period	Vehicles	10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT	Speed	Speed																				
13 July 2023																																										
0000	6	0	0	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.2	-																				
0100	4	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.3	-																				
0200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-																				
0300	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.7	-																				
0400	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.8	-																				
0500	5	0	0	0	0	2	2	1	0	0	0	0	0	0	3	60	1	20	0	0	31.1	-																				
0600	14	0	0	0	6	5	2	1	0	0	0	0	0	0	3	21.43	1	7.143	0	0	26.5	30.9																				
0700	86	3	9	18	37	13	4	2	0	0	0	0	0	0	6	6.977	2	2.326	0	0	21.5	26.7																				
0800	123	3	2	38	53	21	5	1	0	0	0	0	0	0	6	4.878	1	0.813	0	0	21.6	26.2																				
0900	112	4	11	32	50	14	1	0	0	0	0	0	0	0	1	0.893	0	0	0	0	20	24.5																				
1000	108	1	14	42	40	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.6	23.7																				
1100	110	1	8	50	37	10	4	0	0	0	0	0	0	0	4	3.636	0	0	0	0	20.2	24.1																				
1200	115	4	12	40	48	9	1	1	0	0	0	0	0	0	2	1.739	1	0.87	0	0	19.9	24																				
1300	111	0	6	42	55	6	1	1	0	0	0	0	0	0	2	1.802	1	0.901	0	0	20.3	23.2																				
1400	106	4	5	35	39	21	2	0	0	0	0	0	0	0	2	1.887	0	0	0	0	20.9	25.8																				
1500	116	2	18	51	31	13	1	0	0	0	0	0	0	0	1	0.862	0	0	0	0	19.1	24.1																				
1600	175	3	16	63	70	21	1	1	0	0	0	0	0	0	2	1.143	1	0.571	0	0	20.4	24.8																				
1700	142	2	6	34	70	25	4	0	1	0	0	0	0	0	5	3.521	1	0.704	0	0	21.7	26.6																				
1800	113	0	8	38	53	12	2	0	0	0	0	0	0	0	2	1.77	0	0	0	0	21	24.5																				
1900	85	0	9	24	33	15	4	0	0	0	0	0	0	0	4	4.706	0	0	0	0	21.2	25.9																				
2000	70	0	2	14	40	10	2	1	1	0	0	0	0	0	4	5.714	2	2.857	0	0	22.7	26.3																				
2100	47	0	2	13	23	6	3	0	0	0	0	0	0	0	3	6.383	0	0	0	0	21.9	25.4																				
2200	32	0	2	10	14	4	1	1	0	0	0	0	0	0	2	6.25	1	3.125	0	0	21.8	26.8																				
2300	12	0	0	1	5	2	3	0	1	0	0	0	0	0	4	33.33	1	8.333	0	0	26.9	32																				
07-19	1417	27	115	483	583	176	26	6	1	0	0	0	0	0	33	2.329	7	0.494	0	0	20.5	24.9																				
06-22	1633	27	128	534	685	212	37	8	2	0	0	0	0	0	47	2.878	10	0.612	0	0	20.8	25.3																				
06-00	1677	27	130	545	704	218	41	9	3	0	0	0	0	0	53	3.16	12	0.716	0	0	20.8	25.3																				
00-00	1694	27	130	550	708	223	43	10	3	0	0	0	0	0	56	3.306	13	0.767	0	0	20.9	25.3																				

SS1179 Three Crosses Swansea										Site	1	Location										Gowerton Road (51.629354 -4.062354)									
0/1/00		to								13 July 2023										Direction		Two-Way		Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0 10	10 15	15 20	20 25	25 30	30 35	35 40	40 45	45 50	50 55	55 60	60 65	65 130	30	30	35 ACPO	35 ACPO	45 DFT	45 DFT	Speed	Speed									
Average Day																															
0000	6	0	0	2	2	1	0	0	0	0	0	0	0	0	1	11.36	0	4.545	0	0	23	-									
0100	4	0	0	0	2	1	0	0	0	0	0	0	0	0	0	6.897	0	6.897	0	0	24.8	-									
0200	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	6.25	0	0	0	0	20.5	-									
0300	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	14.29	0	0	0	0	21.6	-									
0400	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.5	-									
0500	7	0	0	1	2	3	1	0	0	0	0	0	0	0	1	16.33	0	6.122	0	0	26.1	-									
0600	21	0	0	3	11	6	1	0	0	0	0	0	0	0	2	7.333	0	1.333	0	0	23.8	27.6									
0700	70	1	3	19	27	15	3	1	0	0	0	0	0	0	4	5.943	1	1.025	0	0	22.3	27.1									
0800	107	2	3	35	44	19	2	1	0	0	0	0	0	0	3	2.929	1	0.666	0	0	21.5	26.1									
0900	102	2	9	36	43	12	1	0	0	0	0	0	0	0	1	1.12	0	0	0	0	20.2	24.5									
1000	113	1	11	37	48	15	2	0	0	0	0	0	0	0	2	1.648	0	0.253	0	0	20.5	24.9									
1100	111	1	9	39	45	13	3	0	0	0	0	0	0	0	3	2.96	0	0.129	0	0	20.8	25.1									
1200	106	2	9	36	41	15	2	0	0	0	0	0	0	0	3	2.703	0	0.405	0	0.135	20.8	25.4									
1300	111	1	7	39	48	13	2	1	0	0	0	0	0	0	2	2.057	1	0.643	0	0	20.7	24.8									
1400	99	2	4	37	40	14	2	0	0	0	0	0	0	0	3	3.165	1	0.719	0	0.144	21	25.4									
1500	122	2	9	48	46	15	2	1	0	0	0	0	0	0	2	1.988	1	0.585	0	0	20.4	24.8									
1600	125	2	8	38	53	21	2	1	0	0	0	0	0	0	3	2.395	1	0.456	0	0	21.3	25.9									
1700	124	1	5	30	58	25	4	0	0	0	0	0	0	0	5	4.138	1	0.69	0	0	22.1	26.5									
1800	102	2	8	27	45	18	2	0	0	0	0	0	0	0	2	2.232	0	0.418	0	0.139	21.3	25.7									
1900	78	0	4	22	33	16	2	1	0	0	0	0	0	0	3	4.212	1	1.832	0	0.366	22.2	26.6									
2000	61	0	2	15	28	11	3	0	0	0	0	0	0	0	3	5.176	1	0.941	0	0.235	22.3	26.4									
2100	47	0	3	12	20	7	3	0	0	0	0	0	0	0	4	8.815	1	1.52	0	0	22.3	27.2									
2200	30	0	1	7	14	6	1	1	0	0	0	0	0	0	2	7.042	1	3.756	0	0	22.8	27.7									
2300	14	0	0	3	5	4	1	0	0	0	0	0	0	0	2	15	1	6	0	1	25.1	30.1									
07-19	1293	18	86	422	537	196	28	5	1	0	0	0	0	0	35	2.685	6	0.486	0	0.033	21.1	25.5									
06-22	1500	19	95	474	629	236	38	7	1	0	0	0	0	0	47	3.124	9	0.619	1	0.057	21.2	25.7									
06-00	1545	19	96	484	648	247	40	8	2	0	0	0	0	0	51	3.311	11	0.731	1	0.065	21.3	25.8									
00-00	1568	19	97	488	656	254	41	9	2	0	0	0	0	0	54	3.417	12	0.784	1	0.064	21.3	25.8									

SS1179 Three Crosses Swansea										Site	Location											
0/1/00										1	Gowerton Road (51.629354 -4.062354)											
to										Direction	Two-Way											
13 July 2023										Speed Bins					Speed Limit (PSL)		ACPO (SL1)		DFT (SL2)		Mean	85%ile
Time Period	Total Vehicles	0	10	15	20	25	30	35	40	45	50	55	60	65	30	30	35	35	45	45	Mean Speed	85%ile Speed
		10	15	20	25	30	35	40	45	50	55	60	65	130			ACPO	ACPO	DFT	DFT		

Virtual Week

Mon	1348	15	70	437	561	221	34	7	2	0	1	0	0	0	44	3.264	10	0.742	1	0.074	21.4	25.7
Tue	1600	15	93	523	676	243	38	10	2	0	0	0	0	0	50	3.125	12	0.75	0	0	21.3	25.5
Wed	1597	28	70	570	643	233	45	5	2	0	0	1	0	0	53	3.319	8	0.501	1	0.063	21.1	25.8
Thu	1694	27	130	550	708	223	43	10	3	0	0	0	0	0	56	3.306	13	0.767	0	0	20.9	25.3
Fri	1894	16	88	501	829	385	61	10	3	1	0	0	0	0	75	3.96	14	0.739	1	0.053	22	26.4
Sat	1641	21	153	523	668	238	26	7	2	1	2	0	0	0	38	2.316	12	0.731	3	0.183	20.8	25.4
Sun	1200	14	74	313	505	235	42	14	2	1	0	0	0	0	59	4.917	17	1.417	1	0.083	21.9	26.8

5 Day Average

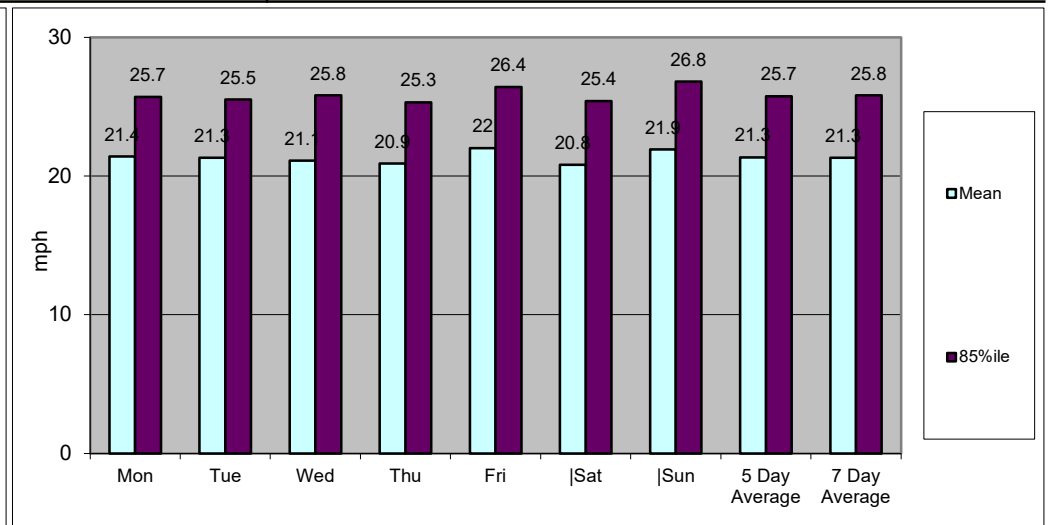
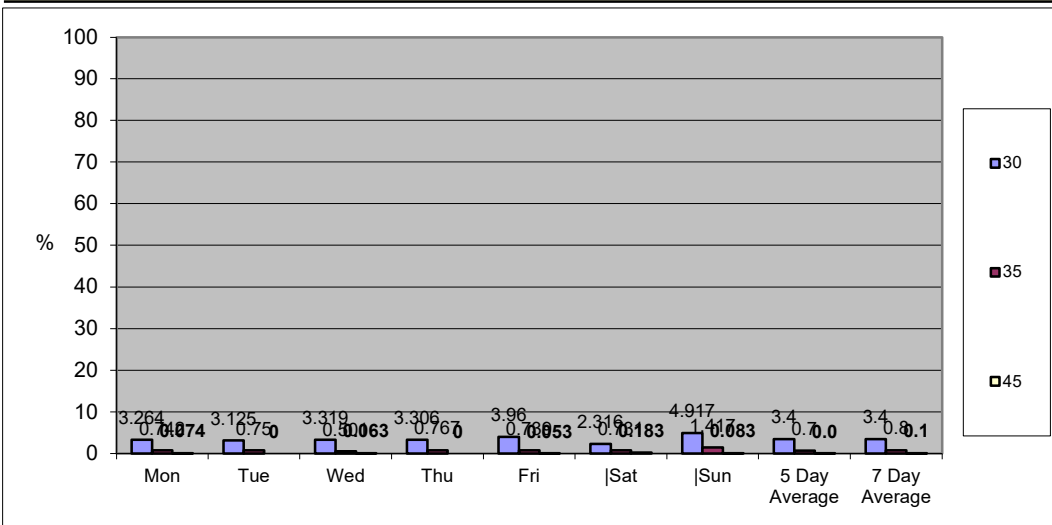
[--]	1627	20	90	516	683	261	44	8	2	0	0	0	0	0	56	3.4	11	0.7	1	0.0	21.3	25.7
------	------	----	----	-----	-----	-----	----	---	---	---	---	---	---	---	----	-----	----	-----	---	-----	------	------

7 Day Average

[--]	1568	19	97	488	656	254	41	9	2	0	0	0	0	0	54	3.4	12	0.8	1	0.1	21.3	25.8
------	------	----	----	-----	-----	-----	----	---	---	---	---	---	---	---	----	-----	----	-----	---	-----	------	------

Total Vehicles

[--]	10974	136	678	3417	4590	1778	289	63	16	3	3	1	0	0	375	3.4	86	0.8	7	0.1	21.3	25.8
------	-------	-----	-----	------	------	------	-----	----	----	---	---	---	---	---	-----	-----	----	-----	---	-----	------	------



Classification Schemes

Scheme F Classification Scheme (Non-metric)

Scheme F is an attempt to implement the FHWA's visual classification scheme as an axle-based classification scheme. This is one of several interpretations.

Class	Vehicle Type	No. of Axles	Axle spacing in feet				
			Axle 1 to 2	Axle 2 to 3	Axle 3 to 4	Axle 4 to 5	Axle 5 to 6
1	motorcycle	2	<6.0				
2	passenger car	2	6.0 - 10.0				
	car + 1 axle trailer	3	<10.0	10.0 - 18.0			
	car + 2 axle trailer	4	<10.0		<3.5		
3	pickup	2	10.0 - 15.0				
	pickup + 1 axle trailer	3	10.0 - 15.0	10.0 - 18.0			
	pickup + 2 axle trailer	4	10.0 - 15.0		<3.5		
	pickup + 3 axle trailer	5	9.9 - 15.0			<3.5	
4	bus	2	>20.0				
	bus	3	>19.0				
5	single unit truck - dual rear axle	2	14.9 - 20.0			<3.5	
6	3 axle truck	3		<18.0			
7	4 axle truck	4					
8	2S1	3		>18.0			
	2S2	4		>5.0	>3.5		
	3S1	4		<5.0	>10.0		
9	3S2	5		<6.1		3.5 - 8.0	
	5 axle combination	5					
10	6 axle combination	6			3.5 - 5.0		
	3S3	6					
11	2S1-2	5		>6.0			
12	3S1-2	6					>10.0
13	truck	7 or more					

Appendix B

SITE KEY

- Boundary Treatments**
- Site Boundary
 - 1.8m High close board fence
 - 1.8m High screen wall
 - 0.45m High Timber Knee Rail
- Access Points**
- Primary door to dwelling (Part M)
 - Secondary door(s) to dwelling
 - Garage door
 - 1.8m High close board personnel gate
 - Maintenance access gate
- Hard Surfacing**
- Highway - Tarmacadam Finish
 - Highway Footpath - Tarmacadam Finish
 - Private Driveway - Porous Asphalt Finish
 - Private Driveway - Porous Block Paving Finish
 - Private Footpath - PCC Slab Finish
 - Patio Area - PCC Slab Finish
 - Bin Collection Point - PCC Slab Finish (For Plots accessed off of a shared private drive)
 - Local Area of Play
- Soft Surfacing**
- Front Garden
 - Rear Garden
 - Amenity Space / POS
 - Bio-retention System Feature
 - Private Rain Garden

- Site Features**
- Existing or Proposed Tree / Landscaping
 - Existing or Proposed Hedgerow
 - Affordable Unit - Social Rented
 - Shed Storage
 - Air Source Heat Pump Location
 - Bin Store Slab - PCC Slab Finish
 - Rotary Line
 - Rain Water Butt
 - Drainage Easement
 - Entrance Feature Pier



Accommodation Schedule					
House Name	Code	Beds	(NIA) ft ²	No of Units	Total Area
Open Market Units					
Pembroke	PEM	3	1169	2	2338
Pembroke+	PEM+	3	1169	1	1169
Penrhos	PEN	4	1472	1	1472
Penrhos+	PEN+	4	1472	1	1472
Cennen	CEN	4	1545	2	3090
Harlech	HAR	4	1428	2	2856
Caernarfon V1	CAEV1	4	1954	1	1954
Caernarfon	CAE	4	1943	3	5829
Sub Total				13	14351
Affordable Units					
1 Bed WDQR [GF]	2P1B	1	534	2	1068
1 Bed WDQR [FF]	2P1B	1	584	2	1168
2 Bed WDQR	4P2B	2	872	2	1744
3 Bed WDQR	5P3B	3	1013	8	8104
Sub Total				14	12084
Total				27	26435

- 8 Plots 6-12, 15 & 21 revised locations to improve their relationship with 10a Gowerton Road. 10a Gowerton Road rear boundary walls added to layout. 17.05.24
- 7 Plots 2 & 3 pulled forward to improve the back to back distance from no.4 Gowerton road. no.4 Gowerton Road extension drawn onto site plan. Plots 16-17 adjusted location to improve relationship with Plots 14, 15 & 18. ASHP locations added to all plots and footpath adjusted to accommodate the ASHPs. 07.05.24
- 6 Plot 1 revised to a CAE and revised orientation. Plots 16-18 revised orientation to improve unit outlooks. Highway turning head revised in length and introduced a private drive to serve Plots 14-15. Proposed native hedgerow to be planted along Eastern boundary. Plots 2-5 & 10-12 revised locations. Maintenance gate added near water tower. Drainage strategy revised. Attenuation basins revised in size and shape. Private rain gardens revised. Plots 13-15 revised to include an additional window following Planners comments. Small gabials added to the 4P2B & 5P3B units. 03.04.24
- 5 Site Boundary adjusted near Site Access point. Plots 19 & 20 revised position/layout. 12.02.24
- 4 Plots 1, 19, 20, 26 & 27 orientation revised. L.A.P added to layout. Site access design revised. Water Tower access also revised. Additional window symbols added. 19.01.24
- 3 Private rain gardens, rain water butts and locations of proposed permeable block paving added to layout. 15.09.23
- 2 Plots 26-27 revised to 4P2Bs. 29.08.23
- 1 House Type mix revised. Drainage easements illustrated. Site entrance piers added. Attenuation basins revised. 24.08.23

REV.	DESCRIPTION	DATE
------	-------------	------

CLIENT
Westacres

JOB TITLE
Three Crosses, Swansea.

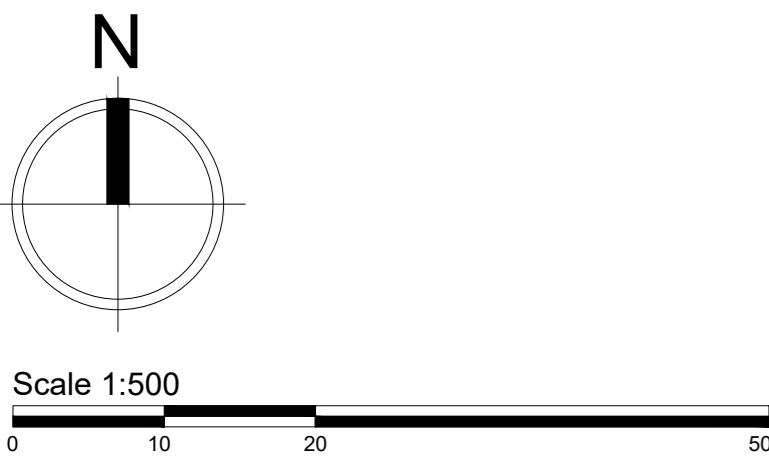
DRAWING TITLE
Planning Layout

SCALE @ A2	DATE	DRAWN BY
1:500	Aug '23	KE
JOB NO.	DRAWING NO.	REVISION
2218	PL-01	8

10 Gold Tops
Newport NP20 4PH
t. 01633 844970
e. info@hammond-ltd.co.uk

www.hammond-ltd.co.uk

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Figured dimensions must be taken in preference to scaled dimensions and any discrepancies are to be referred to Hammond Architectural Ltd. Contractors, subcontractors and suppliers must verify all dimensions on site before commencing any work or making any workshop drawings.



Appendix C

Drawing Title
Visibility splays

Job No
T23.127

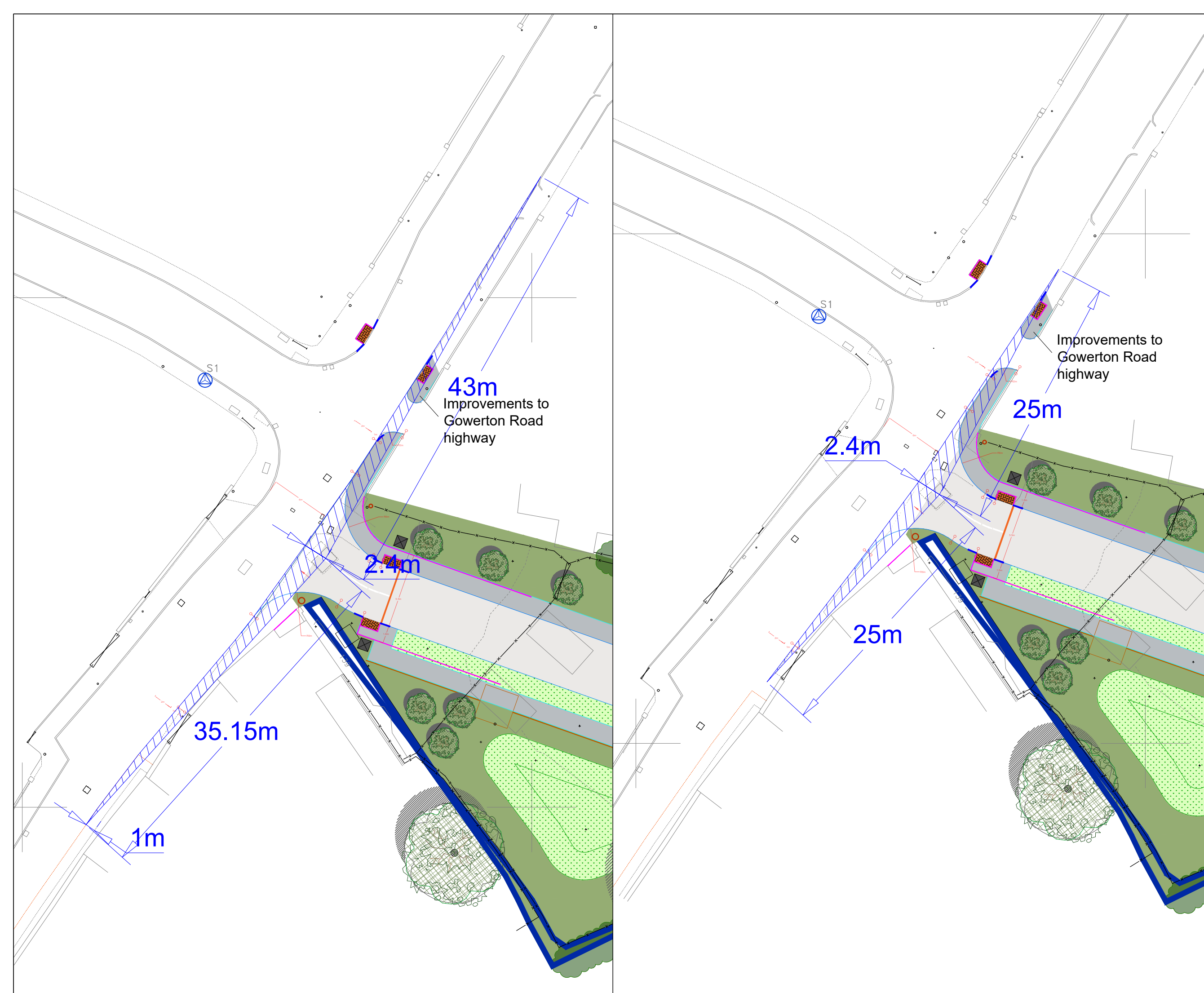
Job Title
Three Crosses Resi

Client
Westacres

Scale 3:1
 Designed by KEW
 Drawn by KEW
 Approved by POC
 Date 1st issued 26/06/23
 Document ref. no T23.127.SPA.RevE
 Revision no E

Revision History

Rev	Date	Amendment	Editor
A	26/06/23	Revised site plan	KEW
B	29/08/23	Revised site plan	KEW
C	23/10/23	Revised site plan	KEW
D	24/05/24	Revised site plan	KEW
E	26/06/24	Amendments to text	KEW



Appendix D

Drawing Title
**10.2m Refuse Vehicle
 Swept Path Analysis**

Job No
T23.127

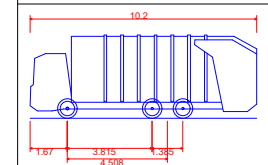
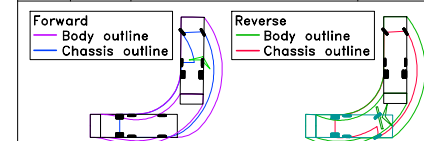
Job Title
Three Crosses Resi

Client
Westacres

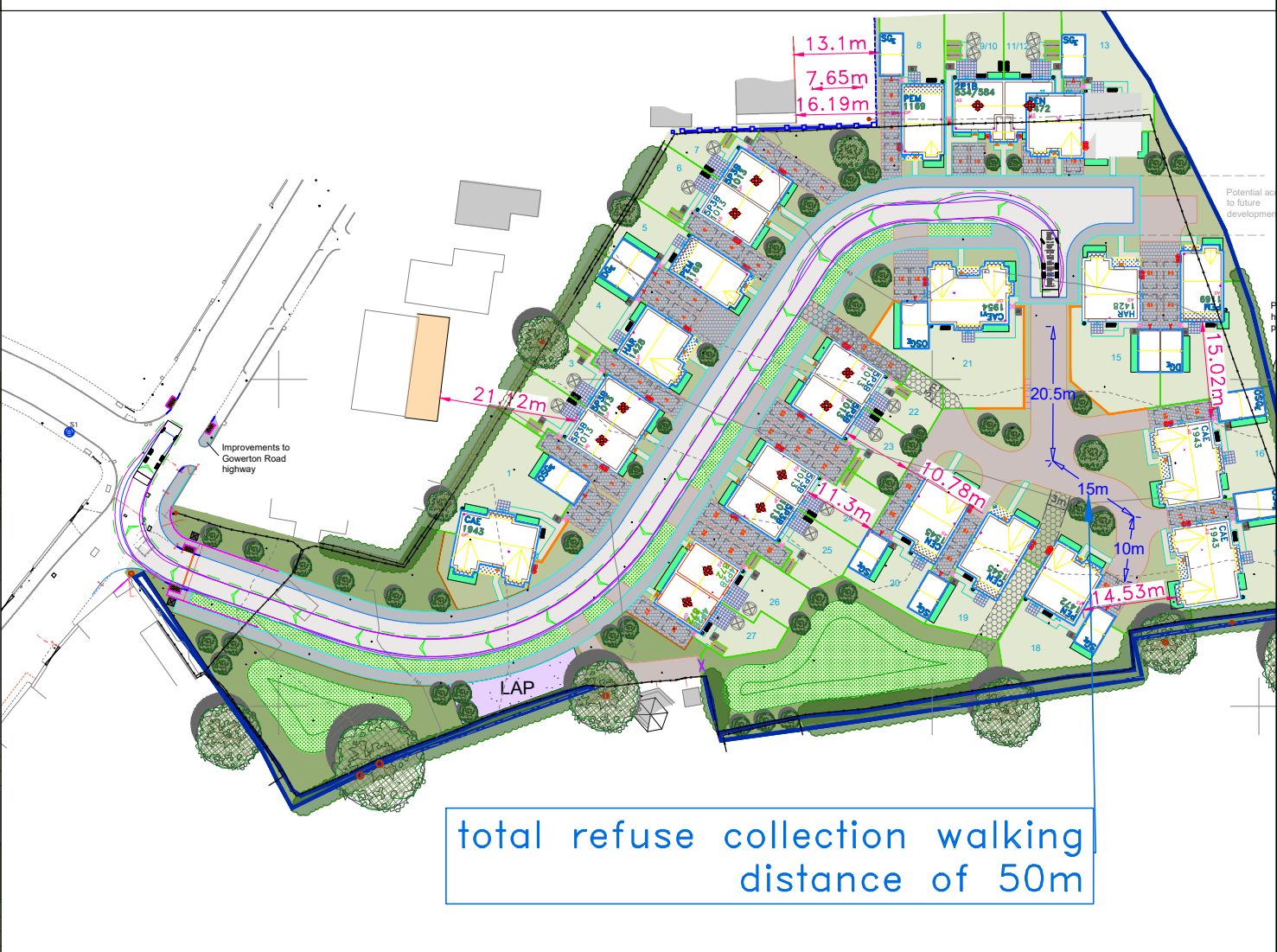
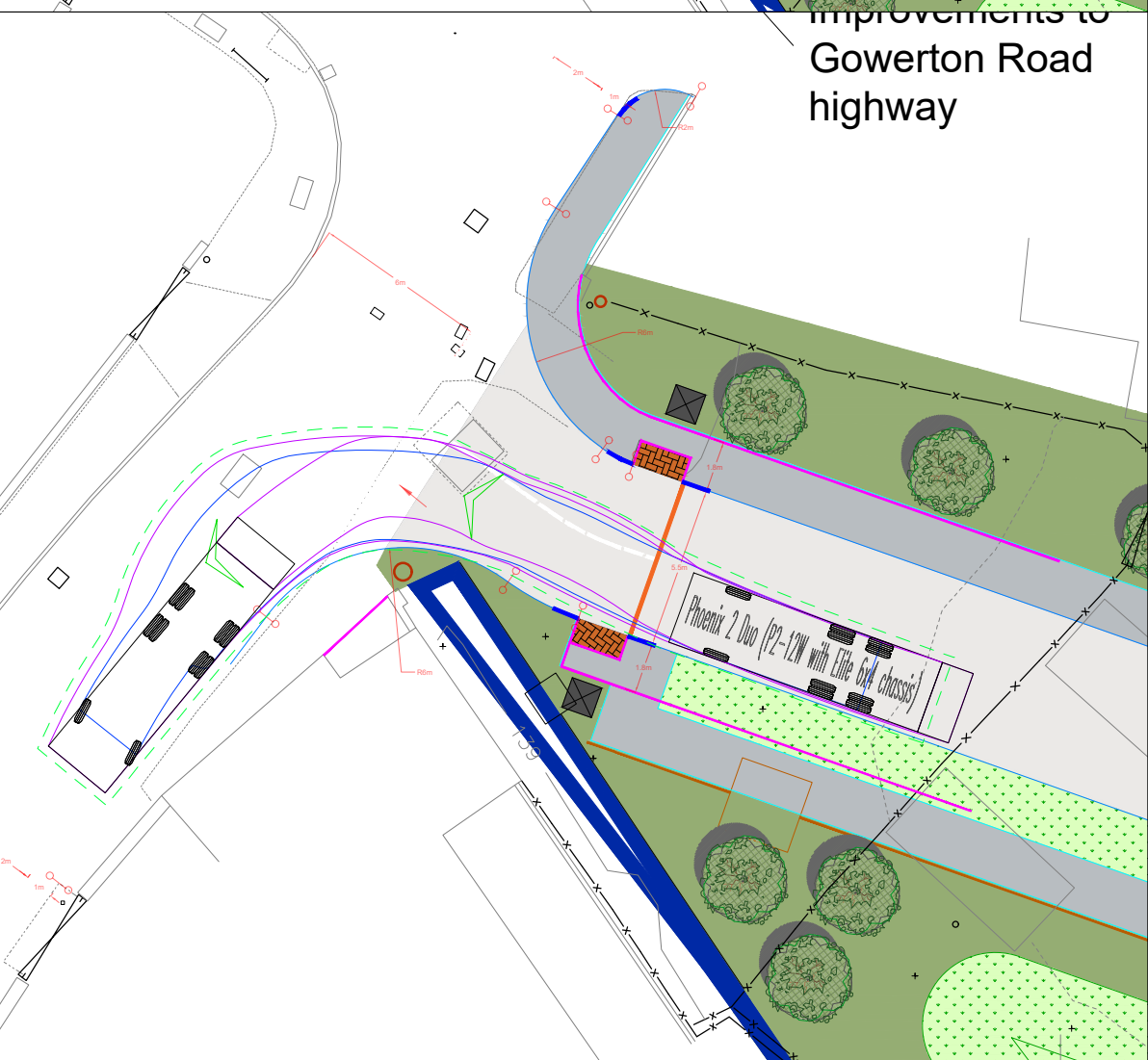
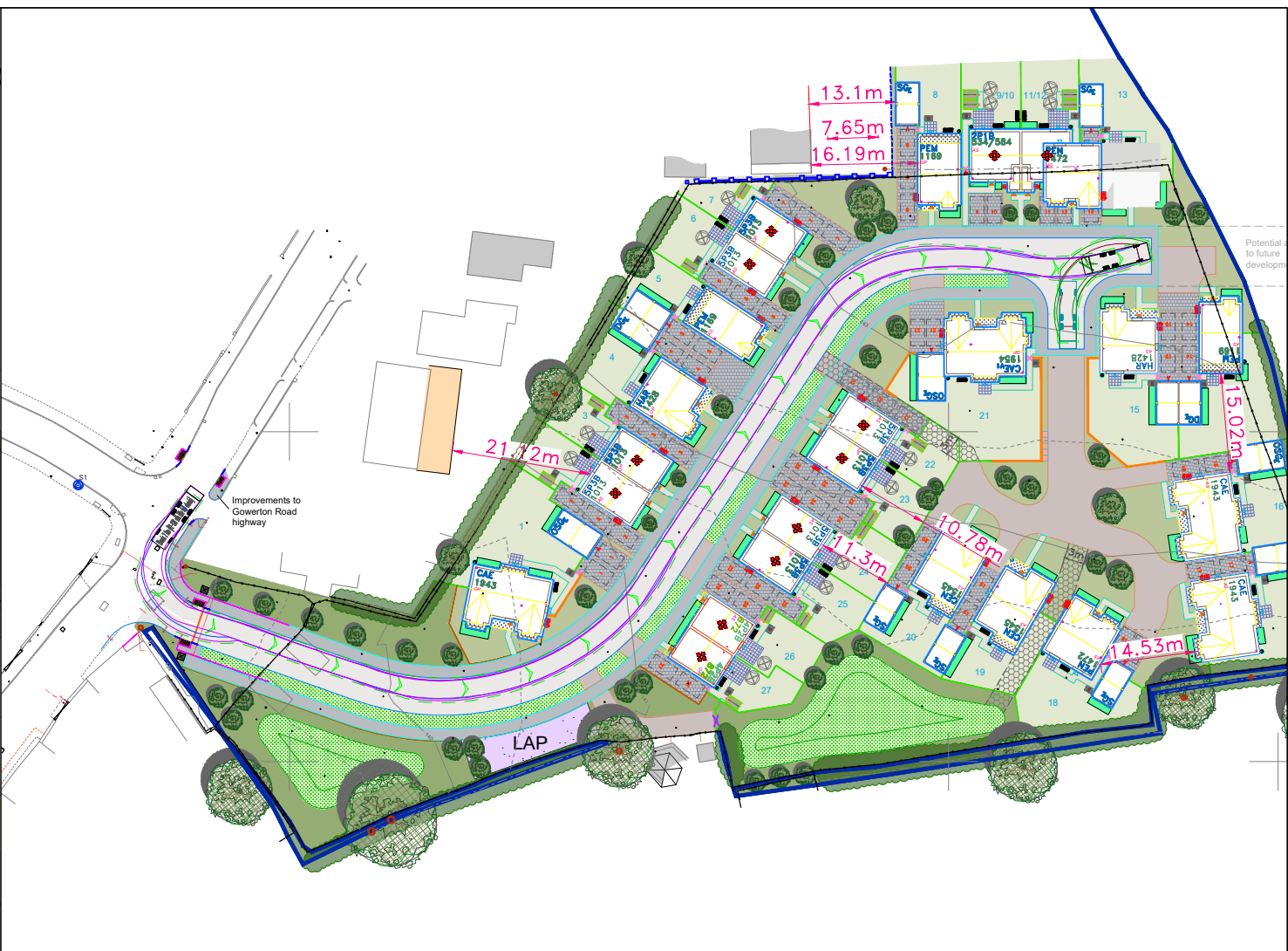
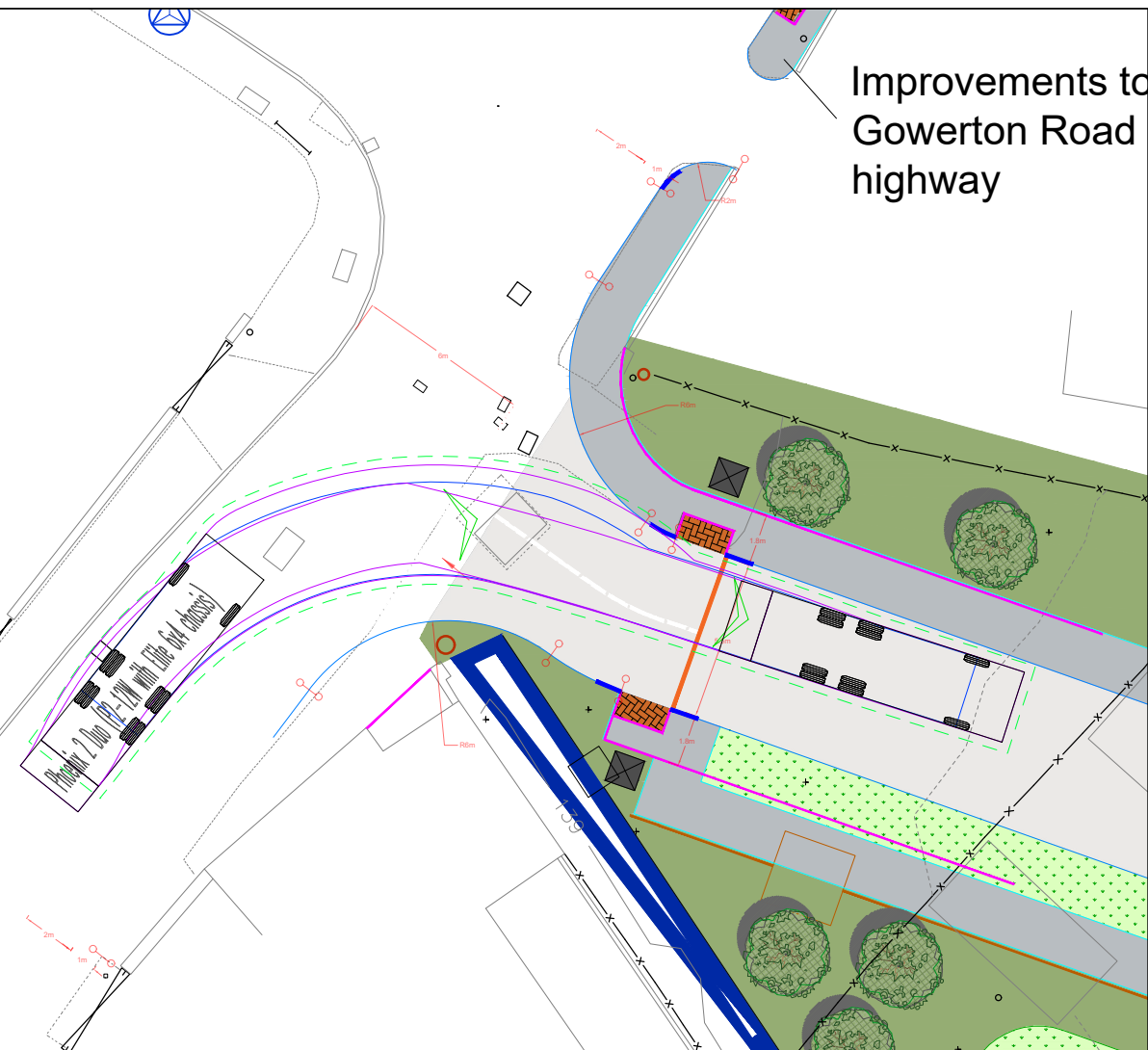
Scale
 Left 4:1, Right 1:1
 Designed by
 KEW
 Drawn by
 KEW
 Approved by
 POC
 Date 1st issued
 26/06/23
 Document ref. no
 T23.127.SPA.RevE
 Revision no
 E

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D	24/05/24	Revised site plan	KEW
E	26/06/24	Amendments to text	KEW



Phoenix 2 Duo (P2-12W with Elite 6x4 chassis)
 Overall Length 10.200m
 Overall Width 2.530m
 Overall Body Height 3.751m
 Min Body Ground Clearance 0.304m
 Track Width 2.500m
 Lock to lock time 4.00s
 Kerb to Kerb Turning Radius 7.800m



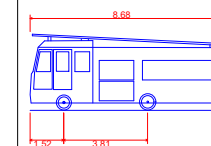
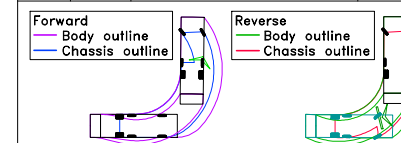
Drawing Title
**DB32 Fire Appliance
 Swept Path Analysis**

Job No
T23.127
 Job Title
Three Crosses Resi
 Client
Westacres

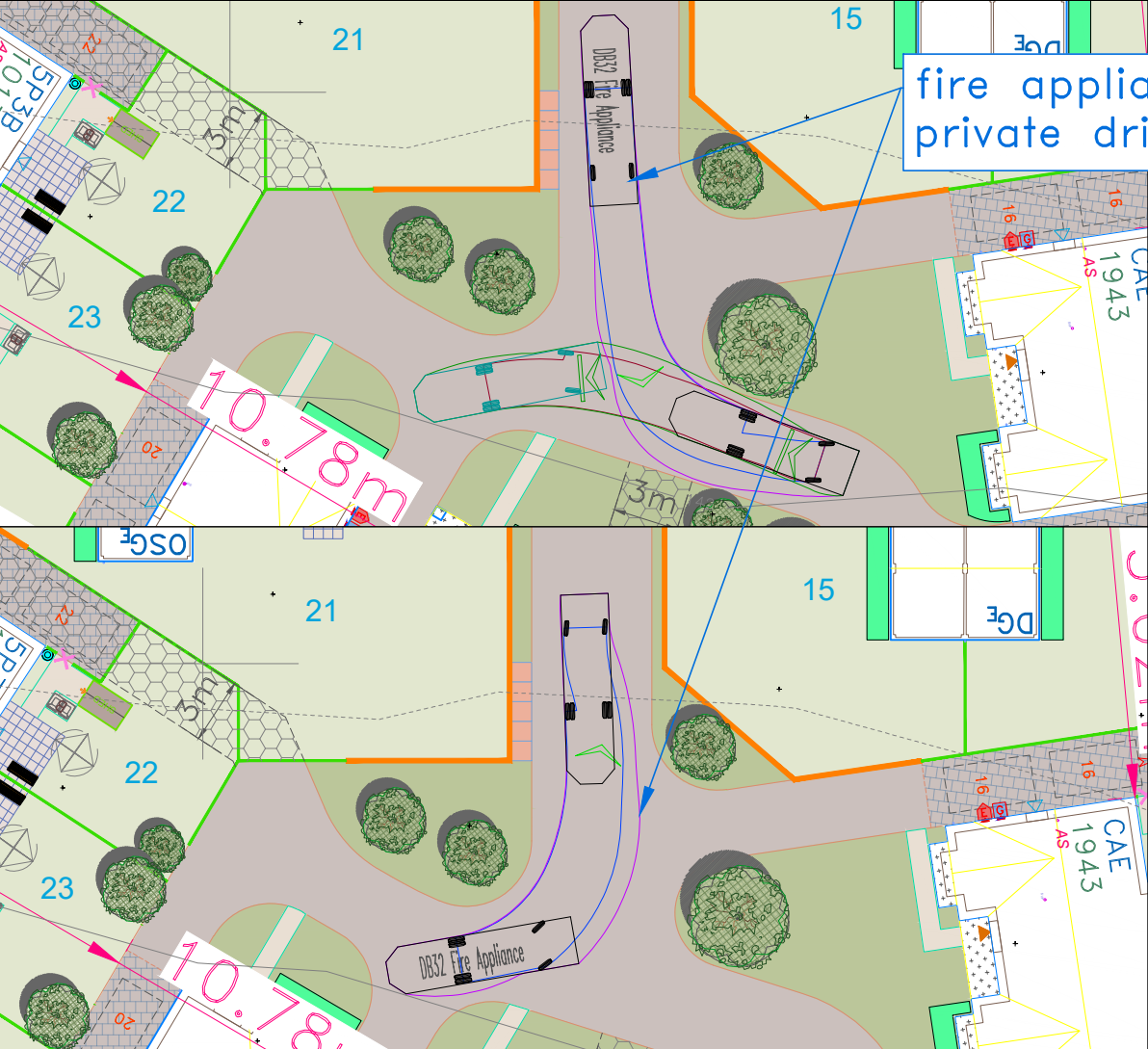
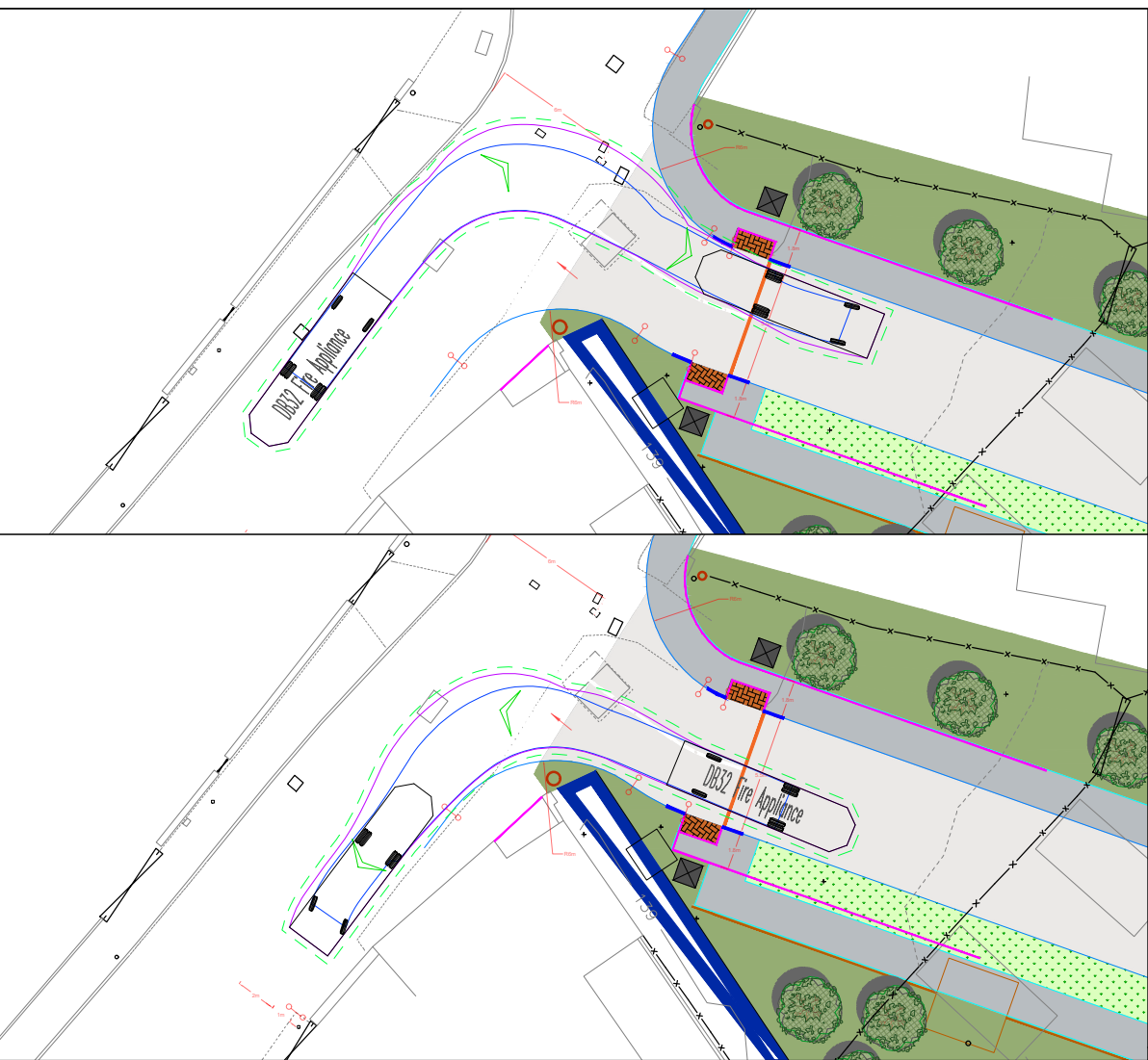
Scale 1:1
 Designed by KEW
 Drawn by KEW
 Approved by POC
 Date 1st issued 26/06/23
 Document ref. no T23.127.SPA.RevE
 Revision no E

Revision History

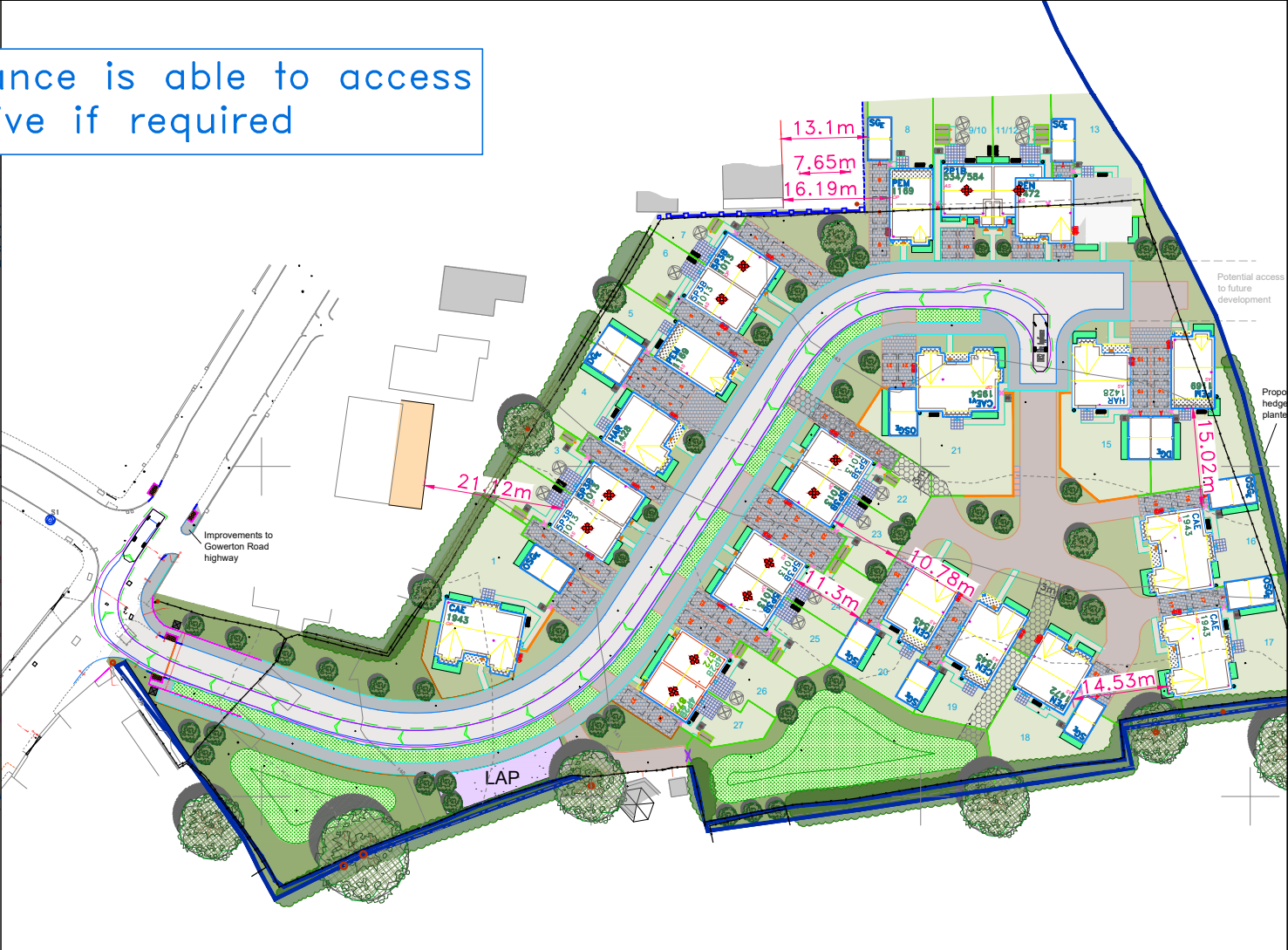
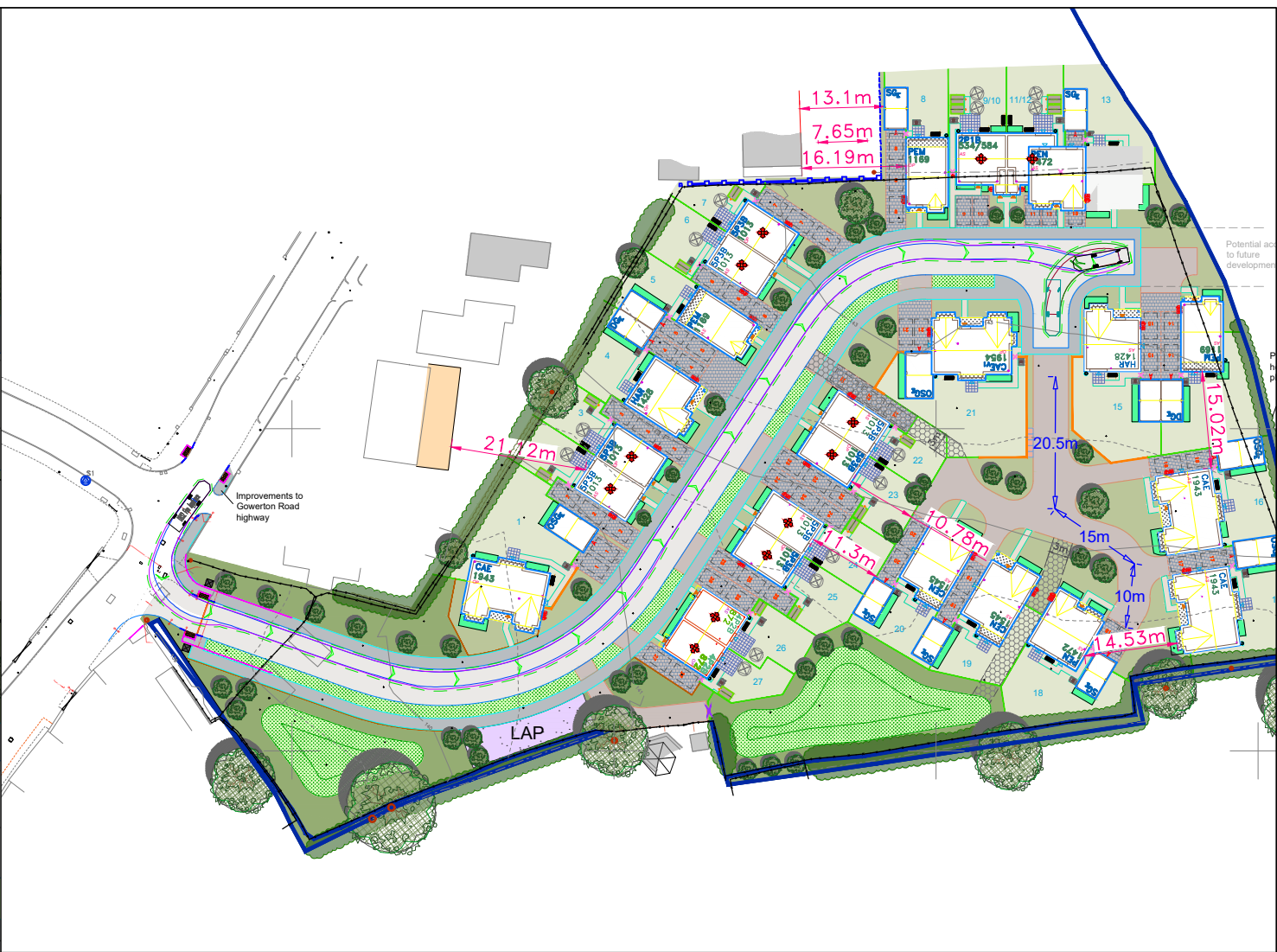
Rev	Date	Amendment	Editor
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C	23/10/23	Revised site plan	KEW
D	24/05/24	Revised site plan	KEW
E	26/06/24	Amendments to text	KEW



DB32 Fire Appliance
 Overall Length 8.680m
 Overall Width 2.180m
 Overall Body Height 3.452m
 Min Body Ground Clearance 0.337m
 Max Track Width 2.121m
 Lock to lock time 6.00s
 Kerb to Kerb Turning Radius 7.910m



fire appliance is able to access private drive if required



Drawing Title
**Mercedes Sprinter
 Swept Path Analysis**

Job No
T23.127

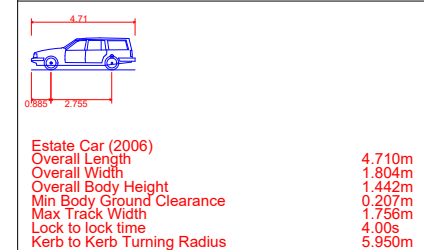
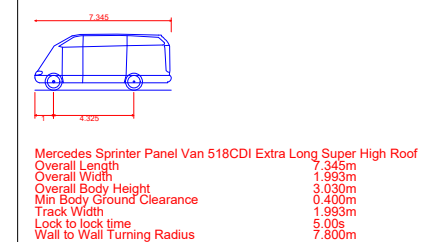
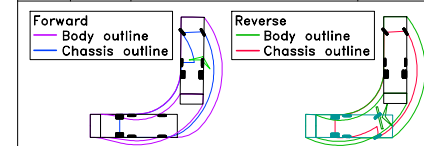
Job Title
Three Crosses Resi

Client
Westacres

Scale 1:1
 Designed by KEW
 Drawn by KEW
 Approved by POC
 Date 1st issued 26/06/23
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E	26/06/24	Amendments to text	KEW



Improvements to
Gowerton
highway

estate car is able to pass
Luton Van throughout site

highway

Improvements to
Gowerton Road
highway

LAP

LAP

13.1m
7.65m
16.19m

21.72m

11.3m

10.78m

14.53m

15.02m

15.02m

Appendix E

Drawing Title
**3.5t Panel Van
 Swept Path Analysis**

Job No
T23.127

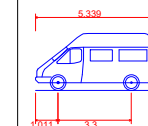
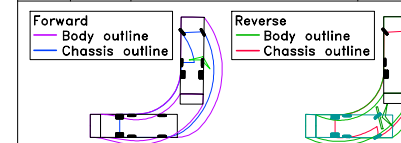
Job Title
Three Crosses Resi

Client
Westacres

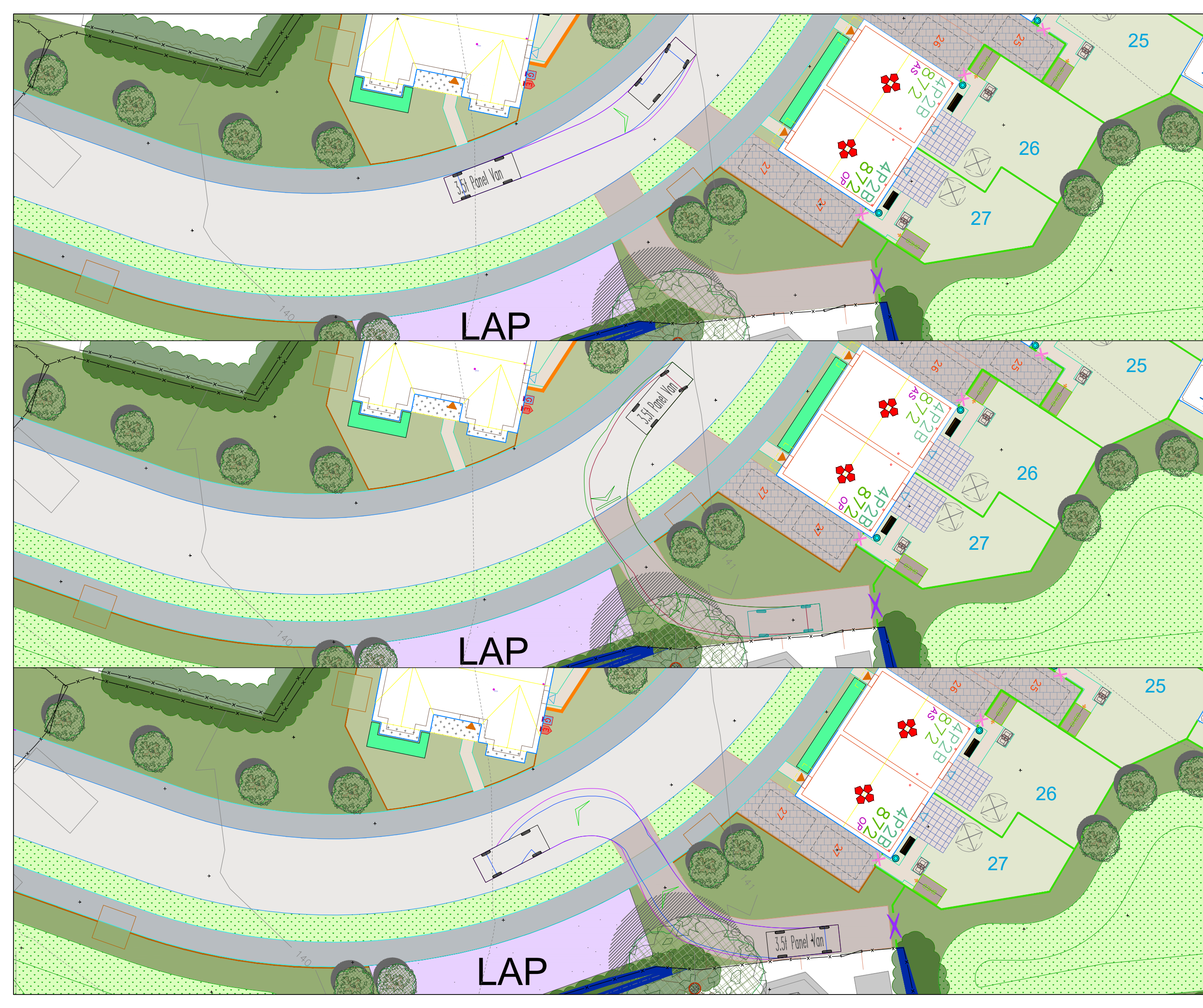
Scale 1:1
 Designed by KEW
 Drawn by KEW
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Revision History

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D	24/05/24	Revised site plan	KEW
E	26/06/24	Amendments to text	KEW



3.5t Panel Van
 Overall Length 5.339m
 Overall Width 1.986m
 Overall Body Height 2.565m
 Min Body Ground Clearance 0.338m
 Track Width 1.986m
 Lock to lock time 4.00s
 Kerb to Kerb Turning Radius 6.400m



Appendix F

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
 Category : M - MIXED PRIVATE/AFFORDABLE HOUSING
 MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	4 days
	OX OXFORDSHIRE	1 days
	SC SURREY	1 days
	WS WEST SUSSEX	2 days
03	SOUTH WEST	
	SM SOMERSET	1 days
04	EAST ANGLIA	
	NF NORFOLK	3 days

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

Primary Filtering selection:

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

Parameter: No of Dwellings
 Actual Range: 16 to 193 (units:)
 Range Selected by User: 9 to 200 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/12 to 22/11/22

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

Selected survey days:

Monday	2 days
Tuesday	2 days
Wednesday	5 days
Thursday	2 days
Friday	1 days

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

Selected survey types:

Manual count	12 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town	1
Neighbourhood Centre (PPS6 Local Centre)	11

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

Selected Location Sub Categories:

Industrial Zone	1
Village	11

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village,

Secondary Filtering selection:

Use Class:

C3 12 days

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

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	7 days
5,001 to 10,000	3 days
10,001 to 15,000	1 days

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

Population within 5 miles:

25,001 to 50,000	7 days
50,001 to 75,000	2 days
75,001 to 100,000	3 days

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

Car ownership within 5 miles:

0.6 to 1.0	1 days
1.1 to 1.5	8 days
1.6 to 2.0	3 days

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

Travel Plan:

Yes	11 days
No	1 days

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

PTAL Rating:

No PTAL Present	12 days
-----------------	---------

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

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

LIST OF SITES relevant to selection parameters

1	ES-03-M-05 A26 CROWBOROUGH RD NEAR UCKFIELD FIVE ASH DOWN VILLAGE Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 138 <i>Survey date: MONDAY 30/06/14</i>	EAST SUSSEX	<i>Survey Type: MANUAL</i>
2	ES-03-M-09 STATION ROAD NORTHIAM Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 16 <i>Survey date: WEDNESDAY 17/05/17</i>	EAST SUSSEX	<i>Survey Type: MANUAL</i>
3	ES-03-M-18 NORTH COMMON ROAD WIVELSFIELD GREEN Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 75 <i>Survey date: TUESDAY 15/06/21</i>	EAST SUSSEX	<i>Survey Type: MANUAL</i>
4	ES-03-M-20 HOREBEECH LANE HORAM Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 47 <i>Survey date: TUESDAY 05/10/21</i>	EAST SUSSEX	<i>Survey Type: MANUAL</i>
5	NF-03-M-01 LONG LANE NEAR NORWICH MULBARTON Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 173 <i>Survey date: FRIDAY 20/09/19</i>	NORFOLK	<i>Survey Type: MANUAL</i>
6	NF-03-M-42 STALHAM ROAD HOVETON Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 120 <i>Survey date: THURSDAY 16/09/21</i>	NORFOLK	<i>Survey Type: MANUAL</i>
7	NF-03-M-61 LONG LANE NEAR NORWICH MULBARTON Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 180 <i>Survey date: WEDNESDAY 28/09/22</i>	NORFOLK	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

8	OX-03-M-01 WENMAN ROAD THAME	MIXED HOUSES	OXFORDSHIRE
	Edge of Town Industrial Zone Total No of Dwellings: 100 <i>Survey date: THURSDAY 28/06/18</i>		<i>Survey Type: MANUAL</i>
9	SC-03-M-11 HEWITT' S ROAD CRANLEIGH	SEMI-DETACHED & FLATS	SURREY
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 110 <i>Survey date: MONDAY 17/10/22</i>		<i>Survey Type: MANUAL</i>
10	SM-03-M-01 MILTON HILL TAUNTON MONKTON HEATHFIELD	DETACHED & TERRACED HOUSES	SOMERSET
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 135 <i>Survey date: WEDNESDAY 26/09/18</i>		<i>Survey Type: MANUAL</i>
11	WS-03-M-23 STANE STREET CHICHESTER WESTHAMPNETT	MIXED HOUSES & FLATS	WEST SUSSEX
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 99 <i>Survey date: WEDNESDAY 13/10/21</i>		<i>Survey Type: MANUAL</i>
12	WS-03-M-26 MILL STRAIGHT SOUTHWATER	MIXED HOUSES & FLATS	WEST SUSSEX
	Neighbourhood Centre (PPS6 Local Centre) Village Total No of Dwellings: 193 <i>Survey date: WEDNESDAY 16/03/22</i>		<i>Survey Type: MANUAL</i>

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

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
 MULTI-MODAL TOTAL VEHICLES
 Calculation factor: 1 DWELLS
 BOLD print indicates peak (busiest) period
 Total People to Total Vehicles ratio (all time periods and directions): 1.86

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	12	116	0.063	12	116	0.295	12	116	0.358
08:00 - 09:00	12	116	0.121	12	116	0.385	12	116	0.506
09:00 - 10:00	12	116	0.134	12	116	0.164	12	116	0.298
10:00 - 11:00	12	116	0.118	12	116	0.143	12	116	0.261
11:00 - 12:00	12	116	0.108	12	116	0.126	12	116	0.234
12:00 - 13:00	12	116	0.138	12	116	0.152	12	116	0.290
13:00 - 14:00	12	116	0.129	12	116	0.124	12	116	0.253
14:00 - 15:00	12	116	0.153	12	116	0.181	12	116	0.334
15:00 - 16:00	12	116	0.267	12	116	0.175	12	116	0.442
16:00 - 17:00	12	116	0.267	12	116	0.133	12	116	0.400
17:00 - 18:00	12	116	0.326	12	116	0.139	12	116	0.465
18:00 - 19:00	12	116	0.268	12	116	0.144	12	116	0.412
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.092			2.161			4.253

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

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

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Parameter summary

Trip rate parameter range selected: 16 - 193 (units:)
 Survey date date range: 01/01/12 - 22/11/22
 Number of weekdays (Monday-Friday): 12
 Number of Saturdays: 0
 Number of Sundays: 0
 Surveys automatically removed from selection: 3
 Surveys manually removed from selection: 0

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

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
 MULTI-MODAL CYCLISTS
 Calculation factor: 1 DWELLS
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	12	116	0.003	12	116	0.011	12	116	0.014
08:00 - 09:00	12	116	0.005	12	116	0.024	12	116	0.029
09:00 - 10:00	12	116	0.000	12	116	0.003	12	116	0.003
10:00 - 11:00	12	116	0.001	12	116	0.002	12	116	0.003
11:00 - 12:00	12	116	0.002	12	116	0.004	12	116	0.006
12:00 - 13:00	12	116	0.001	12	116	0.004	12	116	0.005
13:00 - 14:00	12	116	0.001	12	116	0.002	12	116	0.003
14:00 - 15:00	12	116	0.004	12	116	0.006	12	116	0.010
15:00 - 16:00	12	116	0.019	12	116	0.004	12	116	0.023
16:00 - 17:00	12	116	0.009	12	116	0.006	12	116	0.015
17:00 - 18:00	12	116	0.012	12	116	0.005	12	116	0.017
18:00 - 19:00	12	116	0.015	12	116	0.006	12	116	0.021
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.072			0.077			0.149

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
 MULTI-MODAL PEDESTRIANS
 Calculation factor: 1 DWELLS
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	12	116	0.019	12	116	0.057	12	116	0.076
08:00 - 09:00	12	116	0.056	12	116	0.193	12	116	0.249
09:00 - 10:00	12	116	0.069	12	116	0.030	12	116	0.099
10:00 - 11:00	12	116	0.040	12	116	0.059	12	116	0.099
11:00 - 12:00	12	116	0.040	12	116	0.036	12	116	0.076
12:00 - 13:00	12	116	0.036	12	116	0.027	12	116	0.063
13:00 - 14:00	12	116	0.027	12	116	0.032	12	116	0.059
14:00 - 15:00	12	116	0.030	12	116	0.053	12	116	0.083
15:00 - 16:00	12	116	0.176	12	116	0.050	12	116	0.226
16:00 - 17:00	12	116	0.074	12	116	0.032	12	116	0.106
17:00 - 18:00	12	116	0.067	12	116	0.056	12	116	0.123
18:00 - 19:00	12	116	0.043	12	116	0.038	12	116	0.081
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.677			0.663			1.340

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

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

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
 MULTI-MODAL PUBLIC TRANSPORT USERS
 Calculation factor: 1 DWELLS
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	12	116	0.001	12	116	0.037	12	116	0.038
08:00 - 09:00	12	116	0.000	12	116	0.036	12	116	0.036
09:00 - 10:00	12	116	0.004	12	116	0.004	12	116	0.008
10:00 - 11:00	12	116	0.001	12	116	0.004	12	116	0.005
11:00 - 12:00	12	116	0.004	12	116	0.004	12	116	0.008
12:00 - 13:00	12	116	0.004	12	116	0.006	12	116	0.010
13:00 - 14:00	12	116	0.004	12	116	0.005	12	116	0.009
14:00 - 15:00	12	116	0.006	12	116	0.003	12	116	0.009
15:00 - 16:00	12	116	0.027	12	116	0.006	12	116	0.033
16:00 - 17:00	12	116	0.023	12	116	0.003	12	116	0.026
17:00 - 18:00	12	116	0.027	12	116	0.006	12	116	0.033
18:00 - 19:00	12	116	0.006	12	116	0.005	12	116	0.011
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.107			0.119			0.226

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

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