



Awel y Môr Offshore Wind Farm

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AWEL Y MÔR OFFSHORE WIND FARM

**Volume 5, Annex 5.9.1 Traffic and Transport
Baseline Report (Onshore)**

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- Appendix D Active Travel Route Maps
- Appendix E Cycleway Counts
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1.0 Introduction

Awel y Môr Offshore Wind Farm (AyM OWF) is a Nationally Significant Infrastructure Project (NSIP). An Environmental Impact Assessment (EIA) has been undertaken to inform an application for development consent in the form of a Development Consent Order (DCO) application, made under the Planning Act 2008 and also as part of a Marine Licence application under the Marine and Coastal Access Act 2009. The full results of the EIA are presented in the Environmental Statement (ES) that accompanies the DCO application. Preliminary findings from the EIA process were presented in a Preliminary Environmental Information Report (PEIR) that accompanied Statutory Consultation on the AyM project between August and October 2021.

This report provides a summary of the baseline findings within the EIA study area for the construction and operation of the onshore aspects of AyM comprising the 40 m to 60 m wide cable corridor (including landfall), which is to be known as the onshore Export Cable Corridor (ECC) and Substation development area (comprising Substation Construction Area, Substation Footprint, Substation Access Zone and the Substation Cable Corridor Zone)

1.1 Background

An EIA Scoping Report was prepared in accordance with Regulation 10 of the Infrastructure Planning (EIA) Regulations 2017 and Regulation 6 of the Marine Works (EIA) Regulations 2007. The Scoping Report was submitted to the Planning Inspectorate (PINS) in June 2020. The Scoping Opinion, provided by the Planning Inspectorate (PINS) in response to the Scoping Report, was provided in July 2020.

AyM statutory consultation, under Section 42 of the Planning Act 2008, ran from 31 August to 11 October 2021, a period of six weeks. Feedback in response to Statutory Consultation and comments made in the Scoping Opinion have been taken into account within this report, where relevant¹.

1.2 Consultation

The scope of the baseline data that informs this report has been discussed and agreed with traffic and transport Expert Topic Group (ETG) stakeholder members through a series of ETG meetings (prior to, and following the PEIR submission), which were originally informed by a Transport Technical Note (**see Appendix A**).

Further discussions have also been undertaken with Denbighshire County Council (DCC) following the Section 42 Responses in relation to Public Rights of Way (PRoW).

1.3 Study area

The study area has been defined as the proposed construction and permanent access options and the routes that would be used by construction traffic in using those accesses, for the following sections of the ECC (including landfall and substation zones):

- Route Section A (Landfall) - Intertidal (Mean Low Water to Mean High Water);
- Route Section B (ECC) - Intertidal (Mean High Water) to B5119;

¹ For a full copy of consultation responses see the Consultation Report provided in Volume 5, Document 1 (application ref: 5.1)

- Route Section C (ECC) - B5119 to A525;
- Route Section D (ECC) - A525 to A547;
- Route Section E (ECC) - A547 to A55;
- Route Section F (ECC and proposed substation) - A55 to B5381; and
- Route Section G (400kV connection and connection Point at the existing National Grid substation) - South of B5381

Elements of the study area of relevance to traffic and transport includes the Local Road Network (LRN), the Strategic Road Network (SRN), the North Wales Main Line (NWML) and non-motorised user infrastructure, including a network of PRow and Active Travel Routes (ATR).

1.4 Details of the project

AyM will comprise up to 50 Wind Turbine Generators (WTGs) and will include infrastructure that is required to transmit the power generated at the WTGs to the offshore substation via inter-array cables, before then being transmitted via export cables to a proposed onshore substation (OnSS) located to the west of St Asaph Business Park. AyM will also comprise infrastructure required for the operation and maintenance of the wind farm for both offshore and onshore components.

The offshore export cable configuration will include up to two cable circuits connecting the offshore substation to the OnSS via a landfall to the east of Rhyl and underground cables within an onshore ECC.

A more detailed description of the project is provided within the onshore Project Description chapter of the ES Volume 3, Chapter 1: Onshore Project Description (application ref: 6.3.1))

1.5 Purpose of this report

This report seeks to establish baseline conditions and identify aspects of the traffic and transport environment that could be impacted by the onshore elements of AyM, including any sensitive receptors.

1.6 Report structure

The report structure is as follows:

- **Section 2.0** summarises the data that has informed this report;
- **Section 3.0** describes the highway network, access points and construction access routes;
- **Section 4.0** describes and provides an analysis of the baseline traffic data, speed data and road safety data;
- **Section 5.0** describes and provides an analysis of the sustainable travel network; and
- **Section 6.0** provides a summary and conclusions.

2.0 Baseline data collection

2.1 Desk study

A desk-based study has been undertaken to identify sources of pre-existing data of relevance, that has been used to inform the EIA process, as set out in **Table 2-1**, which identifies the corresponding appendix providing the raw data.

Table 2-1 Baseline Data Sources

Source	Summary	Date	Location
Google Earth	A desktop appraisal of the traffic and transport aspects of the study area	February 2021	n/a
Department for Transport (DfT) Road Statistics	Annual Average Daily Traffic (AADT) flows for the highway network in the study area.	March 2021	Appendix B
Denbighshire County Council (DCC)	Accident data for the LRN in the study area	April 2021	Appendix C
	Public Rights of Way (PRoW)	February 2021	Figure 4
	Active Travel Route Maps	February 2021	Appendix E
	Cycleway Counts	April 2021	Appendix E
Crashmap	Accident data for the SRN in the study area	April 2021	Appendix C

2.2 Commissioned surveys

Due to some gaps in the existing data available, a number of additional surveys have been commissioned to inform the EIA, as set out in **Table 2-2**. The Automatic Traffic Count (ATC) data are provided in **Appendix F**.

Table 2-2 Commissioned Surveys

Source	Summary	Date
360 TSL	ATC data for traffic flows and speeds, at the following locations: B5119 Dyserth Road (west and east of the ECC); A547 Eastern Rhudlan Bypass; A547 Abergele Road; Bodelwyddan Road; B5381 Glascoed Road; and Ffordd William Morgan (north of St Asaph Business Park)	10 to 16 April 2021

2.3 Field studies

A series of site visits have been undertaken to supplement the desktop appraisal of the study area to inform the assessment of the baseline of the study area.

Table 2-3 sets out a summary of the field study activities.

Table 2-3 Field study activities

Activity	Summary	Date undertaken
Construction access options audit	An audit of the proposed construction access options along the ECC	March 2021
Construction traffic access routes inspection	A visual route inspection of the proposed construction access routes between the A55 and the proposed construction accesses.	March 2021
Non-Motorised user infrastructure review	A visual inspection of the pedestrian, cyclist and equestrian routes (including PRoW/ ATR) that would be impacted by the ECC	March 2021

3.0 Highway network, access points and routing for construction

3.1 Highway network

The following sections provide a description of the highway network within the defined study area, as shown in **Figure 1**.

3.1.1 A548 Rhyl Coast Road/ Victoria Road West

The A548 is a single carriageway road connecting Rhyl and Prestatyn. The A548 continues eastwards along the coastline and Dee estuary to connect with the A494 close to the English/ Welsh border and also extends westwards to Abergele, continuing south-westwards for approximately 35 km to connect to the A470 at Llanrwst. The A548 is the main coast road between Rhyl and Abergele.

In the vicinity of the proposed ECC corridor, the A548 is known as Rhyl Coast Road and Victoria Road West and is subject to a 30 mph speed limit; however, this increases to 40 mph at a point that is between 80 m east of the Rhyl Golf Club site access and immediately west of the Ffrith Beach Arena Park access.

Between Rhyl Golf Club and Rhyl town centre, the A548 passes a mixture of residential properties, which are predominantly set back from the road, local facilities and a fire station. Throughout its length in the study area, and at the local facilities at the junction with Tynewydd Road in particular, there are uncontrolled and controlled crossing points, wide footways and advance cycle stop lines at the signal controlled junction. Therefore, it can be surmised that pedestrians and cyclists are well catered for along this corridor.

Approximately 200 m west of the fire station, the A548 Rhyl Coast Road becomes the A548 Russell Road, becoming more urban in nature, passing a number of care homes, DCC offices and Royal Alexandra Hospital with the road narrowing on the approach to Rhyl town centre.

3.1.2 Rhyl town centre one-way system

The A548 connects to a one-way system in Rhyl town centre, which comprises:

- Ball Street between the A548 Russell Road and the B5119;
- A548 Kinmel Street between the B5119 and Elwy Street (for access to the A525);
- Elwy Street between A548 Kinmel Street; and
- A548 Ffordd Wellington between A548 west and A548 Russell Road.

The majority of the one-way system includes two lanes, bay parking provided where the road width facilitates or double yellow lines where parking is prohibited. There are formal crossing facilities for pedestrians and advance cycle stop lines at traffic signal junctions, including at the junction with the A525, which has a large pedestrian refuge with guard railings.

3.1.3 B5119

The B5119 extends from the one-way system in Rhyl town centre and is a main distributor road proving access to a number of residential areas to the east of Rhyl. and the B5119 continues east and south eastwards to connect with the A547 at the junction with the Dyserth Falls Resort.

Between Rhyl and the AyM construction access options (described in Section 3.2), the B5119 passes a number of sensitive receptors such as:

- Rhyl High School;
- Rhyl Football Club;
- Botanical Gardens;
- Local facilities;
- A care home; and
- Retirement homes

The carriageway is relatively narrow in some locations along the section of the B5119 between Rhyl and the AyM construction access points, with on-street parking present which was observed to restrict two-way movements in certain instances. The speed limit is 30 mph for the entire length within the urban area of Rhyl.

At the eastern edge of the urban area, a new housing development has been constructed, which is accessed via a mini-roundabout, with narrow approaches. The access for New Pines Holiday Park is located at the edge of Rhyl where the speed limit changes from 30 mph to national speed limit (60 mph). The visibility to the west for vehicles exiting from the New Pines Holiday Park junction is poor, with a limited view of vehicles approaching from the B5119 Dyserth Road.

To the east and south of the new housing development, the road is rural with limited verges and hedgerows of around 1 m in height. Whilst there are several sharp bends and some narrow sections on the B5119 for the remainder of its length to the A547 (at Dyserth), the route is generally suitable for two-way traffic.

Approximately 375 m west of the junction with the A547, there is sharp bend to the left on the B5119. A single width section of Dyserth Road extends north west from the A547, where it is signed as one-way. There are no entry signs present at the junction where the road meets the sharp bend. At the crossroads junction between the B5119 and A547 there is signage stating the B5119 is unsuitable for heavy goods vehicles (HGVs).

There are no footways along the B5119 between the new housing development and the A547, and no properties along it and therefore pedestrian movements may be low. However, there are a couple of PROW that meet the road and therefore, there may be, at times, pedestrians walking in the road between these routes. In addition, the route may equally be used by cyclists and equestrians.

3.1.4 A547 (east of Rhuddlan)

The A547 is a key route connecting Rhuddlan and the A548 to the east of Prestatyn. The A547 between the A547/ B5119 junction and Rhuddlan is a wide single carriageway road subject to national speed limit, that is mainly rural in nature, with very few side roads. A new housing development is currently under construction approximately 250 m east of the A547/ A5151 roundabout junction. No access for HGVs (over 7.5 T) is permitted from the roundabout into Rhuddlan, except for access.

3.1.5 A547 (Rhyl Road/ High Street/ Station Road)

The A547 between the A547 east/ A5151 roundabout and the roundabout with the A525 is a single carriageway road subject to a 30 mph speed limit for approximately 250 m north of the roundabout. The speed limit of the A547 increases to 40 mph approximately 60 m east of the roundabout with the A525. From the roundabout junction the A525 extends north east as the eastern section of the Rhuddlan Bypass.

The roundabout with the A525 provides access to the A525 north towards Rhyl and the A525 south to connect again to the A547 and towards the A55 Junction 27.

3.1.6 Pentre Lane

Pentre Lane is a minor rural lane, located to the north east of Rhuddlan, accessed off the A547. Pentre Lane provides access to a number of residential properties, narrowing to a single track approximately 200 m west of the A547 where it connects to a number of farms, field accesses and other minor rural lanes.

3.1.7 A525 (north of A547 roundabout north of Rhuddlan)

The A525 north of the roundabout with the A547 provides access between Rhuddlan and Rhyl. The road is a dual carriageway for around 500m to the roundabout with Bryn Cwnin Road and Ffordd Derwen, where it continues as a single carriageway road. The dual carriageway section is largely subject to a 30mph speed limit and provides access to a Clwyd Retail Park

The A525 north of the roundabout with Bryn Cwnin Road and Ffordd Derwen passes residential properties, various local facilities and a school. Whilst this is a main route for all traffic to and from Rhyl from the south, as it gets closer to Rhyl, the overall corridor and carriageway width reduces, with some on-street parking. The A525 connects to the one-way system in Rhyl town centre, as described in **Section 3.1.2**.

3.1.8 A525 (west of Rhuddlan)

The A525 to the south of the roundabout with the A547 provides the western section of the Rhuddlan Bypass. A Bridge carries the A525 dual carriageway over the River Clwyd and is subject to a 60 mph speed limit for the majority of this section. The A525 connects to the A547 Abergele Road (towards the A55 Junction 26), Station Road (for access into Rhuddlan town centre) and A525 St. Asaph Road (towards A55 Junction 27 at a large four-arm roundabout (Morfa Lodge roundabout)).

3.1.9 Station Road

Station Road provides access from Morfa Lodge roundabout into Rhuddlan and is single carriageway subject to a 30 mph speed limit. Station Road crosses the River Clwyd at a one-way permanence shuttle working traffic signal system, due to the width of the bridge. Pedestrians use a separate footbridge parallel to the bridge for vehicles. With the exception of access, no access for HGVs (over 7.5 T) is permitted over the bridge. On the eastern side of the bridge there is a priority junction with Tan-Yr-Eglwys Road.

3.1.10 Tan-Yr-Eglwys Road

Tan-Yr-Eglwys Road is a minor single carriageway road, providing access to a number of small businesses, and provides access to an access road serving Rhuddlan sewage treatment works. Tan-Yr-Eglwys Road forms an on-road section of the North Wales Path / National Cycle Network (NCN) 84.

3.1.11 A547 Abergele Road

The A547 Abergele Road is a single carriageway road, which is subject to a 40 mph speed limit for 500 m to the west of Morfa Lodge roundabout where it changes to 60 mph. The A547 continues as a rural road, connecting with St Asaph Avenue and Ronaldsway (leading to Bodelwyddan) and on to connect to the A55 Junction 25.

3.1.12 A525 (Between the A547 and the A55 Junction 27)

The A525 St Asaph Road continues south from the Morfa Lodge roundabout, towards the A55 Junction 27. It is a dual carriageway road subject to a 40 mph speed limit for the majority of its length. Approximately 500 m

south of the Morfa Lodge roundabout is a signal controlled junction with Bodelwyddan Road. Right-turn movements from Bodelwyddan Road are not permitted and therefore the southbound carriageway of the A525 is not signal controlled.

Approximately 250 m north of the A55 Junction 27, the A525 St. Asaph Road continues as the A525 The Roe and the speed limit reduces to 30 mph. Whilst there are some residential properties on this section of the A525, it is a key highway link connecting the A55 to Rhyl.

3.1.13 Bodelwyddan Road

Bodelwyddan Road is a single carriageway rural lane subject to a 60 mph speed limit. It provides access to the eastern areas of Bodelwyddan, Glan Clwyd Hospital whilst also providing access to Pengwern College. There is a shared use path for pedestrians and cyclists on the southern side of the carriageway.

3.1.14 Nant-Y-Faenol Road

Nant -Y-Faenol Road is a single track rural lane accessed from Bodelwyddan Road and is subject to a 60 mph speed limit. It provides access to a number of residential properties and a farm. The lane continues to the south of Pengwern College and terminates immediately north of the A55 to the west of Junction 26. The ECC haul road would cross this lane.

3.1.15 A55 Junction 27

The A55 Junction 27 is an all movements grade separated junction, providing access between the A55 and the A525 north (for Rhuddlan and Rhyl) and the A525 south (for St. Asaph, Denbigh and the B5381).

3.1.16 A55 Junction 26

The A55 Junction 26 is an all movements grade separated dumbbell arrangement junction, providing access between the A55 and Ffordd William Morgan to the south (for St. Asaph Business Park and the B5381 Glascoed Road) and a farm access to the north.

3.1.17 B5381 Glascoed Road

The B5381 (Glascoed Road) is a single carriageway rural road connecting St. Asaph with Llandudno. There is a row of houses approximately 150 m to the west of the proposed ECC corridor where it crosses the B5381, in this location where the road is subject to a 60 mph speed limit.

Approximately 500 m to the east of proposed ECC corridor, the B5381 connects with Ffordd William Morgan and Ffordd Richard Davies at a four arm roundabout. The B5381 continues eastwards to St. Asaph. Ffordd William Morgan is the spine road for the St. Asaph Business Park. Ffordd Richard Davies provides access to businesses to the southern areas of St. Asaph Business Park.

3.1.18 Minor rural road (south of the B5381 Glascoed Road)

There is a single track rural lane accessed from Glascoed Road approximately 200 m west of the roundabout with Ffordd William Morgan and is subject to a 60 mph speed limit. It provides access to a number of properties and farms and to a network of other minor rural lanes to the south east of the existing National Grid Substation. The ECC haul road of Route Section G would cross this lane.

3.1.19 Ffordd William Morgan

Ffordd William Morgan is the main spine road between the B5381 Glascoed Road and the Junction 26 of the A55 and serves the St Asaph Business Park. It is a single carriageway road subject to a 30 mph speed limit. There are

footways with informal crossings with tactile paving and a segregated cycle path on the western side of the carriageway.

3.2 Construction access locations

This section describes the proposed access locations that have been identified for use by construction vehicles to access Temporary Construction Compounds (TCC) that then lead to haul roads along the cable corridor for the construction of AyM.

The proposed access locations are shown in Volume 3, Chapter 1: Project Description, Figures 4 to 16. The figures show access zones within which the precise access location will be determined, post consent, as part of detailed design.

3.2.1 Access A

Access A (ECC Route Section A) is a possible access to a TCC that will be used for construction work at Ffrith Beach. Access A would be via Ferguson Road, adjacent to Ffrith Beach Arena Park. Ferguson Road is a 6.5 m wide residential street, which is accessed off the A548 Victoria Road at a simple priority junction.

The access route from Ferguson Road is a gated access track through Ffrith Beach Arena Park, which is used by pedestrians and cyclists. The use of the access requires the removal of a soil bund and widening of the gate. Temporary parking restrictions may be required in the vicinity of the access on Ferguson Road to facilitate access by HGVs. The access route connects to the sea wall and slipway, which provides the access to the beach.

The A548 is subject to a 30 mph speed limit in the vicinity of Ferguson Road. To the west of Ferguson Road, a mixture of holiday accommodation and permanent accommodation is present on the southern side of the A548 opposite Rhyl Golf Club and on both sides of the A548 to the east of Rhyl Golf Club. The buildings are largely set back from the carriageway. The east of Ferguson Road is largely residential in nature as the A548 enters Prestatyn.

3.2.2 Access B1 and B2

Access B1 (ECC Route Section B) is located at the main access into Rhyl Golf Club from the A548 approximately 160 m east of the junction with Garford Road and is required for non-HGV access to Rhyl Golf Club for personnel to monitor Horizontal Directional Drilling (HDD) progress. The access junction is 6.7 m wide with no footways present on either side. The radius from the A548 west incorporates a driveway access to a residential property.

Access B2 (ECC Route Section A) is a possible access to the beach area for personnel to monitor HDD progress via Garford Road and for works on the beach itself (such as the HDD exit pits). Garford Road is a 6 m wide residential road, with 3 m footways on either side of the carriageway. There is on-street parking present, however cars were observed parking with two wheels on the footway leaving sufficient road width for larger vehicles to pass safely. Garford Road is on a bus route. Garford Road is also being used as a construction compound for the Rhyl East Coastal Defence Works currently being undertaken by Balfour Beatty. Therefore, the road currently accommodates buses (small Optare vehicles) and HGVs, although it is not known how many HGVs access the Rhyl East Coastal Defence Works construction compound.

There is a bus stop and shelter for eastbound bus journeys along the A548, immediately adjacent to the Rhyl Golf Club site access and a bus stop and shelter for westbound journeys along the A548 adjacent to Brynheddydd Road. The bus stops provide access to services 11M, 18, 19, 36 and 47 including routes between Rhyl and Hollywell and Prestatyn, as described further in **Section 5.2.1**. There are bus stops approximately every 300 m between Access A and Access B2; construction workers located here would have very good access to bus services.

At the junction with the A548 Rhyl Coast Road, there are dropped kerb crossings with tactile paving on either side of the bellmouth, providing informal pedestrian crossings. Approximately 20 m east of the junction with Garford Road is a controlled pedestrian crossing providing access across the A548. There are a number of other informal crossing points in various locations along the A548, with dropped kerbs and central refuges.

On the northern side of the A548, there is a shared footway for pedestrians and cyclists, starting approximately 300 m west of Garford Road and continues to Barkby Avenue at the eastern end of Prestatyn. The path is segregated in some locations, delineated by a central white line and is shared use with no delineation in other sections. In the vicinity of the proposed access options, the path is around 3.5 m in width.

3.2.3 Accesses C1, C2, and C3

Accesses C1, C2 and C3 (ECC Route Section B) are proposed to provide infrequent non-HGV access to monitor HDD alignment within Robin Hood Holiday Camp. The access points are located at existing simple priority junctions and would be used by cars or Light Goods vehicles (LGV) only.

3.2.4 Access D

Access D (ECC Route Section B) is located on the B5119 Dyserth Road and would provide access to the Landfall HDD works via an existing access (which may require some upgrade) for Rhydorddwy Fawr.

There is a 90 degree bend at the access for Rhydorddwy Fawr, however it was used as a construction access route for the Burbo Bank Extension cable construction works, with some traffic management measures implemented (despite the signage at the junction with the A547 stating the B5119 is unsuitable for HGVs).

3.2.5 Access E and Crossing/Access F

Access E (ECC Route Section B) is also located on the B5119 Dyserth Road, and would provide access to the TCC and ECC to the north of the B5119 and crossing point F (see **Section 3.5**), allowing vehicles to access the haul road of ECC Route Section C to the south of the B5119 Dyserth Road. The precise location of Access E and F is to be confirmed at the detailed design stage and an access zone is defined within which the final access point will be determined.

3.2.6 Access G

The A547 Eastern Rhuddlan Bypass would provide access to the TCC and haul road of the ECC Route Section C, at Access G, in the vicinity of a dropped crossing providing access into a field. The actual location of Access G and will be confirmed at the detailed design stage.

There is a bus stop located immediately at the location of the access, with dropped kerbs, tactile paving and a central refuge for pedestrians crossing to the northbound bus stop. There is shared use footpath/ cycleway on the northern side of the carriageway, which terminates at the proposed site access; however, the cycleway continues on the southern side of the carriageway, towards Rhuddlan and is an ATR, as described further in **Section 5.1.2**.

Approximately 50 m north of Access G is a priority junction with a steep gradient, providing access to a care home and a property.

3.2.7 Accesses H

The TCC and haul road in ECC Route Section D (the section to the north of the River Clwyd) would be accessed from the A525, approximately 150 m north of the roundabout with the A547, via Access H, which would be an upgrade of an existing field access

Vehicles using either of these access points would have to perform a u-turn at the A547 and Clwyd Retail Park roundabouts.

3.2.8 Accesses I

Access I, which is via Tan-Yr-Eglwys Road, is to be used to provide access to the southern side of the River Ffyddion for the construction of a bridge over the watercourse only and not for general site access or egress. The access point is an existing access for a sewage treatment works. A small section of the access route at the end of Tan-Yr-Eglwys Road accommodates the North Wales Path/ (NCN 84) for pedestrian and cycle use.

3.2.9 Access J

Access J is located on the northern side of the A547 Abergele Road approximately 600 m from the A525/ A547 roundabout (known as Morfa Lodge) and would provide access to the TCC and haul road in ECC Route Section D (the section to the south of the River Clwyd) and crossing point K (see **Section 3.5**) allowing vehicles to access the haul road of ECC Route Section E to the south of the A547 Abergele Road.

The A547 Abergele Road is subject to a 60 mph speed limit in this location. The exact location of the proposed access and crossing point will be confirmed at detailed design stage; however, would either require upgrading existing field accesses or constructing a new access.

3.2.10 Access L

Access L is located on the northern side of Bodelwyddan Road, approximately 1 km west of the junction with the A525 and would provide access to the TCC and haul road in ECC Route Section E and crossing point M (see **Section 3.5**) allowing vehicles to access the haul road of ECC Route Section E to the south of the Bodelwyddan Road.

Bodelwyddan Road is subject to a 60 mph speed limit in this location. The exact location of the proposed access and crossing point will be confirmed at detailed design stage; however, would either require upgrading existing field accesses or constructing a new access.

3.2.11 Accesses O1 and O2

Accesses O1 and O2 are located on a private road accessed from the northern roundabout at the A55 Junction 26 and would provide access to the TCC and haul road in ECC Route Section E. The access here is likely to require the upgrade of an existing access, with only one access taken forward.

3.2.12 Access P

Access P is located on a minor rural road approximately 150 m south of the A55 Junction 26 and would provide access to the haul road in ECC Route Section F (to the north of the Substation) and the haul road in the Substation Cable Corridor Zone (to the north of the substation).

3.2.13 Access Q

Access Q (ECC Route Section F and G) would be located on the section of the B5381 Glascoed Road between approximately 700 m and 850 m west of the roundabout with Ffordd William Morgan and is subject to a 60 mph speed limit at this location.

To the north of the B5381 Glascoed Road (ECC Route Section F), it would provide access to the Substation Temporary Construction Compound Area, the haul road (to the south of the proposed substation) and the haul road in the Substation Cable Corridor Zone (to the south of the proposed substation). To the south of the B5381 Glascoed Road (ECC Route Section G), it could provide access to the TCC and haul road for the 400kV connection.

There would also be crossing point within the location of Access Q (**see Section 3.5**) allowing vehicles to cross between ECC Route Section F and G. The actual location of Access and Crossing point Q will be confirmed at the detailed design stage.

3.2.14 Access S

Access to the TCC for the existing NG substation works (and potentially the 400kV connection works) in ECC Route Section G would be provided via an existing access (Access S) for the existing NG substation on the B5381 Glascoed Road approximately 525 m east of the roundabout with Ffordd William Morgan. This access is immediately adjacent to a change in speed limit from 30 mph (to the west) to 40 mph (to the east).

3.3 Construction access routes

Table 3-1 summarises the access routes that have been identified for use by construction vehicles between the A55 and the construction access points described in **Section 3.2**.

Table 3-1 Construction access routes

Construction Access	Access Route
A, B1, B2, C1, C2, C3	A55 Junction 27, A525, A548 (Rhyl), A548 Rhyl Coast Road
D and E	A55 Junction 27, A525, A548 (Rhyl), B5119 or A55 Junction 27, A525, A547, B5119
G	A55 Junction 27, A525, A547
H	A55 Junction 27, A525
J	A55 Junction 27, A525, A547 Abergele Road
L	A55 Junction 27, A525, Bodelwyddan Road
O1 or O2	A55 Junction 26
Q	A55 Junction 26, Ffordd William Morgan, B5381 Glascoed Road
I	A55 Junction 27, A525, Station Road, Tan-Yr-Eglwys Road
P	A55 Junction 26, Ffordd William Morgan, unnamed road

3.4 Temporary Construction Compounds (TCCs)

The TCCs would be at the following locations:

- To the west of Access A (Fergusson Road)
- To the east of Access B2 (Garford Road)
- Access E north of the B5119 (ECC Route Section B);
- Access G from the A525 (ECC Route Section C);

- Access H from the A525 (ECC Route Section D);
- Access J north of the A547 Abergele Road (ECC Route Section D);
- Access L north of Bodelwyddan Road (ECC Route Section E);
- Access O1 or O2 from Junction 26 of the A55 (ECC Route Section E);
- Access Q north of the B5381 Glascoed Road (Substation);
- Access Q south of the B5381 Glascoed Road (ECC Route Section G); and
- Access S from the B5381 Glascoed Road (400kV Route and Bodelwyddan Substation)

3.5 Crossing locations

The following locations are proposed haul road crossing locations for construction vehicles. As with the access points, crossing zones are identified within which the precise crossing location will be determined as part of detailed design.

- Crossing F - For crossing from north to south of B5119 Dyserth Road or access directly from the road;
- Crossing K - For crossing from north to south of A547 Abergele Road or access directly from the road;
- Crossing M - For crossing from north to south of Bodelwyddan Road or access directly from the road;
- Crossing Q - For crossing from north to south of B5381 Glascoed Road or access directly from the road;
- Crossing N1/N2 - For crossing of Nant-Y-Faenol Road; and
- Crossing R1/R2 - For crossing of an unnamed minor road to the south of the B5381 Glascoed Road; and

The crossing points will be fully managed to ensure access is maintained and impacts to road users are mitigated.

3.6 Open Trenching Locations

The roads in the study area that may be crossed using open trench technology, rather than HDD would be:

- B5119 Dyserth Road (between ECC Route Sections B and C);
- A547 Abergele Road (between ECC Route Sections D and E);
- Nant -Y-Faenol Road (ECC Route Section E);
- B5381 Glascoed Road (between ECC Route Sections F and G); and
- Unnamed minor lane to the south of the B5381 Glascoed Road (ECC Route Section G)

Where open technology is to be used on the other roads identified above, traffic management measures would be implemented to enable the roads to remain open. The details of the traffic management measures will be set

out in a Construction Traffic Management Plan. An Outline Construction Traffic Management Plan (CTMP) has been prepared, see Volume 13, Chapter 7: Outline Code of Construction Practice (CoCp), Appendix 7, Outline CTMP (application ref: 8.13.7) setting out the anticipated management measures for all AyM construction works.

4.0 Baseline traffic, speed and road safety data

This section sets out the baseline traffic data that will be used for the EIA assessment as identified in the Scoping Report and subsequent Transport Technical Note (see **Appendix A**) which was shared with members of the Expert Topic Group (ETG) in March 2021 and was included within the PEIR as part of Statutory Consultation in August to October 2021. This section also identifies the data that is not required, following discussions with the traffic and transport ETG members.

4.1 Traffic flow data

4.1.1 Existing traffic flow Data

Table 4-1 sets out the baseline data obtained from the DfT Road Statistics website (see **Appendix A**), for total vehicles, HGVs and HGV percentage. The data is largely estimated from manual counts completed in previous years, with the exception of the B5119 (east of Rhyl town centre), which is a manual count from 2018. The locations of the data are shown on **Figure 3**.

Table 4-1 DfT Traffic flow data

Location	Year	Estimated from	AADT		HGV (%)
			Total vehicles	HGVs	
A548 Victoria Road West	2019	2016	12,311	95	0.8
B5119 (east of Rhyl town centre)	2018	n/a	6,902	29	0.4
A547 east of Rhuddlan	2019	2015	10,930	263	2.4
A547 eastern Rhuddlan bypass	2019	2015	13,576	233	1.7
A525 north of A547	2019	2014	15,324	201	1.3
A525 western Rhuddlan bypass	2019	2018	23,263	506	2.2
A547 Abergele Road	2019	2016	14,243	299	2.1
A525 south of Bodelwyddan Road	2019	2015	16,850	495	2.9

4.1.2 New traffic flow data

Table 4-2 sets out the baseline data obtained from ATCs undertaken in April 2021 (see **Appendix H**). The locations of the data collection points are shown on **Figure 2**.

Table 4-2 New traffic flow data

Location	Year	AADT		HGV (%)
		Total vehicles	HGVs	
B5119 Dyserth Road (west of the onshore ECC)	2021	2,930	324	11.1
B5119 Dyserth Road (east of the onshore ECC)	2021	2,926	300	10.3
A547 south of A525	2021	11,716	1,476	12.6
A547 Abergele Road	2021	12,736	1,698	13.3
Bodelwyddan Road	2021	5,556	569	10.2
B5381 Glascoed Road (between the ECC and the junction with Ffordd William Morgan)	2021	940	171	18.2
Ffordd William Morgan	2021	3,755	441	11.7

HGVs would typically include Other Goods Vehicle 1 (OGV1), Other Goods Vehicles 2 (OGV2) and bus categories from the ATC data. However, following a review of the HGV percentages identified in the DfT data in **Table 4-1**, the resulting HGV percentages recorded within the ATC data would be significantly higher using the OGV1, OGV2 and bus categories (between 10 and 18%). The reason for the un-representative HGV percentages is due to the method of traffic data collection using ATC equipment, which is based on length of wheelbase. Since the introduction of this method of traffic flow data collection, there has been an increase in the number of different vehicle types with similar wheelbase lengths that identify them in the OGV1 classification, even though they are not HGVs.

Two examples are as follows:

- Some pick-up Trucks (4x4s) now have much longer wheel base separation and therefore is classified as OGV1, even though it is a “car”; and
- Supermarket delivery vans or a Mercedes Sprinter van can be picked up as OGV1, but these are clearly not HGVs

In order to make an allowance for this inaccuracy with the data, a comparison of the HGV percentages of the DfT data for the following two locations that has data from both sources:

- A547 Eastern Rhuddlan Bypass; and
- A547 Abergele Road.

The analysis between the DfT data and ATCs for the two sites shows the HGV percentages (using OGV1, OGV2 and bus) from the ATC data are 570% higher at the A547 Eastern Rhuddlan Bypass site and 550% times higher at the A547 Abergele Road site.

Therefore, the number of HGVs recorded from the ATC survey have been decreased by the average of the two percentage differences identified above, which is 560%.

The factored ATC data is shown in **Table 4-3**

Table 4-3 New traffic flow data (adjusted HGV percentages)

Location	Year	AADT		HGV (%)
		Total vehicles	HGVs	
B5119 Dyserth Road (west of the onshore ECC)	2021	2,930	58	2.0
B5119 Dyserth Road (east of the onshore ECC)	2021	2,926	54	1.8
A547 south of A525	2021	11,716	265	2.3
A547 Abergele Road	2021	12,736	305	2.4
Bodelwyddan Road	2021	5,556	102	1.8
B5381 Glascoed Road	2021	940	31	3.3
Ffordd William Morgan	2021	3,755	79	2.1

At a Traffic and Transport ETG on 29 March 2021, it was suggested by DCC that whilst the collection of new traffic data in April 2021 was acceptable to use in the assessment, an uplift factor of 15% should be applied to the data to take account of the likely lower volumes of vehicle movements on the highway network as a result of the Covid-19 pandemic. Therefore, **Table 4-4** sets out the data obtained from the new ATCs with a 15% increase applied.

Table 4-4 New traffic flow data (Factored to account for Covid-19)

Link	Year	AADT		HGV (%)
		Total Vehicles	HGVs	
B5119 Dyserth Road (west of the onshore ECC)	2021	3,370	67	2.0
B5119 Dyserth Road (east of the onshore ECC)	2021	3,365	62	1.8
A547 south of A525	2021	13,473	305	2.3
A547 Abergele Road	2021	14,646	351	2.4
Bodelwyddan Road	2021	6,389	118	1.8
B5381 Glascoed Road	2021	1,081	35	3.3
Ffordd William Morgan	2021	4,319	91	2.1

4.1.3 Data validation

In order to validate the ATC data collected in April 2021 with a 15% uplift, a comparison to DfT data has been undertaken for the A547 eastern Rhuddlan bypass and A547 Abergele Road sites.

There is a 105 vehicle difference (around 0.8%) between the DfT and ATC data at the A547 eastern Rhuddlan Bypass site, and a 230 vehicle difference (around 1.5%) at the A547 Abergele Road site.

This shows the ATC data with 15% uplift is very comparable to the DfT data. Whilst the 2019 DfT data is estimated from 2015 and the ATC data has been collected in 2021, this provides a good level of comfort that the ATC data with 15% uplift is fit for purpose.

4.1.4 Peak hour traffic flows

The peak hours on the local highway network have been identified using the ATC data and with the exception of one location, these are identified as:

- 08:00 to 09:00; and
- 16:00 to 17:00

As the DfT data does not have hourly flows, an average of the proportion of the 08:00 to 09:00 and 16:00 to 17:00 traffic flows compared to the 24 hour traffic flow at each of the ATC datasets has been identified and applied to the 24 hour DfT data to estimate the peak hour flows (total traffic) at these locations.

Table 4-5 Peak hour two-way traffic flows (2021)

Highway Link	08:00 – 09:00	16:00 to 17:00
A548 Victoria Road West	1,246	1,228
B5119 east of Rhyl	697	687
B5119 Dyserth Road (west of the onshore ECC)	272	254
B5119 Dyserth Road (east of the onshore ECC)	275	252
A547 east of Rhuddlan	1,107	1,090
A547 eastern Rhuddlan bypass	1,021	1,021
A525 north of Rhuddlan	1,552	1,528
A525 western Rhuddlan bypass	2,351	2,315
A547 Abergele Road	915	1,110
Bodelwyddan Road	573	445
A525 south of Bodelwyddan Road	1,706	1,680
B5381 Glascoed Road	96	84
Ffordd William Morgan	497	415

4.1.5 Junction turning counts

As the forecast number of construction vehicle movements in the peak hours on the highway network are anticipated to be low, it has been agreed through the Evidence Plan process that no peak hour junction capacity assessments are required for the assessment in the Traffic and Transport chapter of the EIA and therefore no highway peak period junction turning counts have been undertaken.

The peak hour traffic flow calculations for the construction phase of AyM are provided in Volume 5, Annex 5.9.2 Trip Generation and Distribution (application ref: 6.5.9.2) which provides the confirmation.

4.2 Vehicle speed data

Table 4-6 sets out the average and 85th percentile vehicle speed data obtained from the ATC surveys in April 2021 (see **Appendix H**).

Table 4-6 Vehicle speed data

Link	Direction	Speed (mph)		Direction	Speed (mph)	
		Average	85 th Percentile		Average	85 th Percentile
B5119 Dyserth Road (west of the onshore ECC)	Westbound	33.2	39.0	Eastbound	35.0	41.4
B5119 Dyserth Road (east of the onshore ECC)	Westbound	27.3	31.2	Eastbound	29.6	34.4
A547 south of A525	Northbound	35.4	40.8	Southbound	36.4	42.2
A547 Abergele Road	Westbound	44.7	52.8	Eastbound	45.9	53.7
Bodelwyddan Road	Westbound	41.1	47.7	Eastbound	39.6	45.5
B5381 Glascoed Road	Westbound	42.9	50.1	Eastbound	43.0	50.6

Using the 85th percentile speeds identified in **Table 4-6** the required visibility splays for the construction access points have been determined; the required splays have distances are determined using Table A in Technical Advice Note (TAN) 18 (Welsh Government, 2007) and extrapolating for speeds between each speed threshold.

The minimum visibility splay requirements are shown in **Table 4-7**.

Table 4-7 Construction access visibility splay requirements

Link	Construction Access	Direction	Visibility Splay 'y' distance.	Direction	Visibility Splay 'y' distance.
B5119 Dyserth Road (east of the onshore ECC)	D	Westbound	68	Eastbound	79
B5119 Dyserth Road (west of the onshore ECC)	E	Westbound	97	Eastbound	107
A547 south of A525	G	Northbound	104	Southbound	110
A547 Abergele Road	J	Westbound	161	Eastbound	166
Bodelwyddan Road	L	Westbound	135	Eastbound	125
B5381 Glascoed Road	Q	Westbound	147	Eastbound	150

The visibility splay requirements identified in **Table 4-7** are considered to provide a starting point for design purposes, however these may be reduced through the implementation of traffic management measures and any temporary speed limit reductions.

4.3 Road safety data

4.3.1 Local highway network

Personal Injury Accident (PIA) data for the previous five years of data available (2015 to 2019) was received from DCC for all of the proposed construction routes between the proposed construction accesses and the A55. Data for 2020 was not available due to the impact of the Covid-19 pandemic and the reliability of the data and therefore for a robust analysis, the five year period was selected instead of the three years period identified during scoping. The accident locations and corresponding descriptions are provided in **Appendix C**.

It should be noted that PIAs are classified into three categories: slight, serious and fatal, and the definition of these are provided below:

- **Slight Injury:** Injuries of a minor nature, such as sprains or cuts not judged to be severe, or slight shock requiring only roadside attention [medical treatment not a pre-requisite for an injury defined as slight];
- **Serious Injury:** Injuries for which a person is detained in hospital, as an in-patient, or any of the following injuries, whether or not a person is detained in hospital: fractures, concussion, internal injuries, severe cuts and lacerations, severe general shock requiring medical treatment and injuries which result in death 30 days after the collision. The serious category, therefore, covers a very broad range of injuries; and
- **Fatal Injury:** Injuries which cause death either immediately or any time up to 30 days after the collision.

Severity

An analysis of the accidents has been undertaken for sections of the proposed construction routes and the number of accidents per severity and route length is provided in **Table 4-8** and **Table 4-9**

Table 4-8 Accident severity analysis (Route Sections A to E)

Construction access route section	Length (km)	Accidents (No.)			
		Slight	Serious	Fatal	Total
1. A548 Rhyl Coast Road between Accesses A, B1, B2, C1, C2 and C3 and Rhyl town centre	2.6	18	5	1	24
2. B5119 between Access D and Rhyl town centre	2.6	16	3	0	19
3. B5119 between Access D and the A547	2.8	13	3	0	16
4. A547 to the east of Rhuddlan	3.3	9	3	0	12
5. A525 between Rhyl town centre and the A547	3.0	46	8	0	54
6. A547 Rhuddlan eastern bypass	0.7	0	0	0	0
7. A525 Rhuddlan western bypass	1.6	10	0	1	11

Construction access route section	Length (km)	Accidents (No.)			
		Slight	Serious	Fatal	Total
8. A547 Abergele Road	1.3	4	1	0	5
9. A525 between A547 and A55 Junction 27	3.3	11	3	0	14
10. Bodelwyddan Road	1.0	0	1	0	1
Total		127	27	2	156
Proportion (%)		81.4	17.3	1.3	100.0

Table 4-9 Accident Severity Analysis (Route Sections F and G)

Construction access route section	Length (km)	Accidents (No.)			
		Slight	Serious	Fatal	Total
11. B5381 Glascoed Road between Onshore ECC and the roundabout with Ffordd William Morgan	1.3	1	0	0	1
12. Ffordd Morgan Road	1.0	0	1	0	1
13. B5381 between the roundabout with Ffordd William Morgan and A55 Junction 27	1.7	5	2	0	7
Total		6	3	0	9
Proportion (%)		66.7	33.3	0.0	100.0

As **Table 4-8** and **Table 4-9** shows, the majority (approximately 80% for all sections 1 to 13) of the PIAs that have occurred on the proposed construction access routes within the five year period, were slight in severity.

Collision rate

The average casualty rate on roads in Wales in 2018 was 13.7 per 100 million vehicle km². The casualty rate per 100 million vehicle kilometres for each of the sections identified in **Table 4-8** and **Table 4-9** has been calculated (number of casualties/ (AADT x 365 days x section length (km) x five years/ 100,000,000)) to compare against the average rate from 2018 (the most recent available for a full year), and are summarised below:

- Construction access route sections 1, 2, 3 and 5 – significantly higher than the Wales average;
- Construction access route sections 4 and 7 – marginally higher than the Wales average;
- Construction access route sections 8 and 9 – Similar rate to the Wales average; and

² <https://gov.wales/sites/default/files/statistics-and-research/2019-06/police-recorded-road-accidents-2018.pdf>

- Sections 6, 10, 11 and 12 – lower than the Wales average

The sections of the proposed construction access routes with significantly higher accident rates than the Wales average (2018) are those links that would only be utilised by between 5 and 10% of the total construction flows across the construction programme.

The PIA data supplied does not provide the description of how the collision occurred or causation factors, as North Wales Police do not disclose this level of detail. Therefore, a causation analysis cannot be undertaken.

Clusters

Notwithstanding the above data limitations, a review of any clusters of PIAs, particularly in the vicinity of the proposed access locations being considered has been undertaken, as summarised in **Table 4-10**.

Table 4-10 Accident cluster analysis

Construction Route Section	Cluster		
	Number of PIAs	Location	In the vicinity of a proposed construction access?
1. A548 Rhyl Coast Road between Accesses A, B1, B2 C1, C2 and C3) and Rhyl town centre	3 slight 1 serious	A548/ Tynwydd Road signal controlled junction	No
	4 slight	A548/ Robin Hood Campsite junction	C1 and C2
2. B5119 between Access D and Rhyl town centre	2 slight 1 serious	B5119 Dyserth Road/ En Y Maes Avenue junction	No
3. B5119 between Access D and the A547	3 slight	B5119 Dyserth bends	No
	1 slight 2 serious	B5119 Dyserth Road/ Ffordd Ffynnon junction	No
4. A547 to the east of Rhuddlan	3 slight 1 serious	A547/ B5119/ Allt Y Graig junction	No
5. A525 between Rhyl town centre and the A547 roundabout	8 slight	A548/ A525 junction	No
	4 slight	A525/ Prince Edward Avenue junction	No
	1 slight 2 serious	A525/ Cefndy Road junction	No
	3 slight	A525/ Ysgol Gynradd Dewi Sant (school access)	No
7. A525 Rhuddlan western bypass	3 slight	A525/ A547 roundabout (A547 exit to A525)	No

In summary:

- With the exception of the cluster of three PIAs that were recorded as slight in severity on the bend along the B5119 east (construction access route section 3), all of the other clusters involved vehicles manoeuvring at junctions;
- Of the clusters at junctions, only three locations would be where proposed construction traffic might also manoeuvre:
 - o Proposed Accesses C1 and C2;
 - o B5119 east;
 - o B5119 / A547; and
 - o A548 / A525
- The other clusters identified in **Table 4-10** involve junctions that would not involve any vehicle manoeuvres associated with the proposed construction traffic.

Vulnerable road users

A further analysis has been undertaken, which considers PIAs involving vulnerable road users. This is summarised below:

A548 Rhyl Coast Road

- 7 pedestrian;
 - o 1 in the vicinity of Access C2;
 - o 6 at different locations west of the construction accesses, a section of the A548 with various crossing facilities; and
- 1 cyclist

B5119

- 2 pedestrian, on Grange Road, a section of the B5119 with various crossing facilities;
- 4 cyclist;
 - o 3 on Grange Road; and
 - o 1 at the junction with the A547

A525 between Rhyl town centre and the A547

- 12 pedestrian;
 - o 8 at the A548/ A547 junction, which has formal crossing facilities and pedestrian protection measures such as guard railing;
 - o 4 at different locations; and
- 7 cyclist at different locations

A525 eastern Rhuddlan bypass

- 1 pedestrian (fatal) at 4.32am. Pedestrians are not permitted to walk along this section of the A525.

A525 between A547 and Junction 27 of the A55

- 1 pedestrian

B5381

- 1 pedestrian; and
- 2 cyclist

A547 Abergele Road / Bodelwyddan Road / A547 eastern Rhuddlan bypass / A547 east of Rhuddlan / Ffordd William Morgan

- None involving pedestrians and cyclists

Summary

Taking the analysis set out in this section, it can be surmised that there are some road safety issues on parts of the highway network that would be used by the proposed construction traffic; however, for the majority of the network to be used by construction traffic road safety is of a similar level or better than the average for Wales.

The majority (77%) of the PIAs recorded are associated with manoeuvres at junctions that would not be undertaken by the proposed construction vehicles, and the proposed construction traffic is therefore unlikely to exacerbate these.

The majority of the PIAs that involved pedestrians or cyclists occurred at the clusters identified on the A548 Rhyl Coast Road, A525 between Rhyl town centre and the A547 and the B5119.

Also, there have been no accidents involving HGVs on any of the route sections during the five year period analysed.

4.3.2 A55

The most recent five-year (2016 to 2020) PIA data have been obtained from the Crashmap database for the A55 in the vicinity of Junction 27 and 26 (see **Appendix C**), as it is forecast that these are the A55 junctions that would predominately be utilised by construction traffic. Crashmap is based on official accident data reported by the Police and is approved by the National Statistics Authority and reported on by the DfT each year. It is therefore a reliable data source to analyse any safety issues on the highway network.

The analysis has shown that there has only been one PIA on the eastbound off-slip of Junction 27 of the A55, which was slight in severity and one PIA on the eastbound mainline carriageway between Junction 25 and 26, which was serious in severity. Therefore, it can be surmised that there are no particular road safety concerns on the A55 in the vicinity of or at Junctions 27 and 26.

5.0 Sustainable travel

This section provides a description of the sustainable travel network within the study area

5.1 Pedestrian and cycle access

5.1.1 Network overview

The pedestrian and cycle network within the study area includes the core walking and cycling routes and a network of defined ATR and PRoW, which are described in this section in relation to the proposed construction access locations.

5.1.2 ATR

Table 5-1 and **Table 5-2** provide details of the ATRs that cross each of the proposed construction accesses. For the access locations that are not crossed by an ATR, the pedestrian and cycle provision is also identified. The ATR maps are provided in **Appendix D**.

There are no ATR or pedestrian or cycle provision at Accesses D, E, L, O1/ O2, P, Q and S.

Table 5-1 ATR (Access points A to C)

Construction Access	ATR	Existing construction access crossing facilities	
		Pedestrians	Cyclists
A	Shared use foot/cycle path alongside the A548	Dropped kerb with tactile paving	None
	Shared use foot/cycle path (Wales Coastal Path/ NCN 5)	None	None
B1	Shared use foot/cycle path alongside the A548	Dropped kerb with tactile paving on western radius	Dropped kerbs
B2	Shared use foot/cycle path alongside the A548	Dropped kerb with tactile paving	Dropped kerbs
	Shared use foot/cycle path (Wales Coastal Path/ NCN 5)	None	None
C1	None	Dropped kerbs with tactile paving	n/a
C2, C3	None	Dropped kerbs	n/a

Table 5-2 ATR (Access points G to L)

Construction Access	ATR	Existing construction access crossing facilities	
		Pedestrians	Cyclists
G	None, although there is a shared use foot/ cycle path alongside the A547 on the opposite side of the road, with a crossing point on the A547 in the vicinity of the proposed access	Dropped footway crossing only so pedestrians have priority	n/a
H	None	Dropped footway crossing only so pedestrians have priority	n/a
J	Integrated Network – shared use (no specific infrastructure)	n/a	n/a
L	Shared use foot/cycle path	n/a	n/a
I	Cycle route, on road, not segregated	n/a	n/a

5.1.3 PRoW

The PRoW routes are shown in **Figure 4** and set out for each ECC Route Section (with the exception of Route Section A where there are no PRoW) in **Table 5-3** to **Table 5-8**.

Table 5-3 PRoW (Route Section B)

PRoW	Designation	Route		Baseline assessment (including relationship to proposed construction works)
		Start	End	
DE/207/11	Footpath	Garford Road	Rhyl Golf Course	At Landfall/ ECC Access B2 and is currently temporarily closed until July 2022 due to the Rhyl East Coastal Defence Works.

Table 5-4 PRow (ECC Route Section C)

PRow	Designation	Route		Baseline assessment (including relationship to proposed construction works)
		Start	End	
DE/206/5	Footpath	B5119	DE/205/4 DE/205/6 DE/205/7	Crosses ECC haul road. Likely to be used by residents of the adjacent residential areas to the west.
DE/206/3	Footpath	DE/206/1 DE/206/2	DE/206/4 DE/206/11	Crosses ECC haul road. Likely to be used by residents of the adjacent residential areas to the west.
DE/206/44	Footpath	Bryn Cwnin Road / Trellewelyn Road	Bryn Cwnin Farm	Crosses ECC haul road
DE/206/18	Footpath	Bryn Cwnin Road	DE/206/17	No direct interaction with the ECC
DE/206/17	Footpath	DE/206/18	DE/206/20	Crosses ECC haul road and TCC
DE/206/46	Footpath	DE/2016/20	A547	

Table 5-5 PRow (ECC Route Section D)

PRow	Designation	Route		Baseline assessment (including relationship to proposed construction works)
		Start	End	
DE/206/42	Footpath	A525 at Access H	Tan-y-Bryn	Shared with construction access, so pedestrians walking along the lane.
DE/206/23	Footpath	Adjacent to A525	DE/206/24	Doesn't appear to connect anywhere. Unlikely to be highly used
DE/206/24	Footpath	DE/206/23	DE/206/42	Crosses ECC haul road. Only links to DE/206/23. Unlikely to be highly used.
DE/206/31	Footpath	DE/206/42	DE/206/29	Not directly impacted

PRoW	Designation	Route		Baseline assessment (including relationship to proposed construction works)
		Start	End	
DE/206/29	Footpath	Tan-Yr-Eglwys Road at Access R	DE/206/30	North Wales Path. NCN 84. Key integrated transport route, popular walking and cycling route.
DE/206/12	Footpath	Marsh Road	Continues as non-designated PRoW adjacent to River Clwyd	Not directly impacted. This is an aspirational integrated transport route, DCC has no firm plans for its development.

Table 5-6 PRoW (ECC Route Section E)

PRoW	Designation	Route		Baseline assessment (including relationship to proposed construction works)
		Start	End	
DE/206/14	Footpath	A547 Abergele Road	DE/206/40	Crosses land likely to be required for TCC. Not well used
DE/206/40	Footpath	DE/206/40	DE/206/41	Crosses ECC haul road. Not well used. Alternative route options to connect to Bodelwyddan Road (Bridleway DE/201/11) but would require 150 m walk on Abergele Road with minimal verge.
DE/206/41	Footpath	A547 Abergele Road	Bodelwyddan Road	Not directly impacted. Alternative option to DE/206/14 and DE/206/40
DE/206/4	Footpath	DE/206/41	Bodelwyddan Road	Crosses ECC haul road.
DE/201/8	Footpath	DE/206/41	Bodelwyddan Road	Not directly impacted. Alternative option to DE/206/4 to access DE/206/41
DE/201/7	Footpath	Nant-Y-Faenol Road	A655 Junction 26 (at Access O1/O2)	Crosses ECC haul road and TCC. Alternative route via a shared foot/cycle path to the east of the junction connecting to Nant-Y-Faenol Road.

Table 5-7 PRoW (Route Section F)

PRoW	Designation	Route		Baseline assessment (including relationship to proposed construction works)
		Start	End	
DE/201/9	Bridleway	DE/201/10	Felin Gors Mill	Crosses Route Section F and Substation Cable Corridor Zone and is well used. Crosses Ffordd William Morgan which is a construction access route.

Table 5-8 PRoW (Route Section G)

PRoW	Designation	Route		Baseline assessment (including relationship to proposed construction works)
		Start	End	
DE/208/16	Footpath	B5381 Glascoed Road adjacent to Access S	DE/208/32	Follows Access S, but segregated
DE/208/32	Bridleway	DE/208/16	Lon Coed Esgob	Crosses Access S

5.1.4 Cycleway counts

DCC has various Cycle counters across its network, as shown in **Appendix E. Table 5-9** provides the seven-day average cycle counts in the busiest month (typically the summers months) on the routes that have counters and are of relevance to the construction works.

Table 5-9 Cycleway counts

Site	Location	Year	Bicycles per day (busiest month, 7 day average)
914	Bodelwyddan Road	2019	62
922	Adjacent to River Clwyd, Rhuddlan (NCN84)	2019	110
1002	Rhyl Promenade (NCN 5)	2018	325
912	A548 adjacent to Rhyl Golf Club	2019	72

Sites 914 (Bodelwyddan Road) and 912 (A548 at Rhyl Golf Club) have a higher number of utilitarian riders (commuters to and from Bodelwyddan Hospital on Bodelwyddan Road and to and from Rhyl adjacent to the A548) compared to leisure riders, which are more prominent on NCN 84 and Rhyl Promenade.

5.2 Public transport access

The public transport network is set out below in relation to each of the construction access points, to provide an assessment of the options for construction workers travelling to and from the construction sites. It is assumed that all construction workers will arrive at the relevant TCC prior to commencement of a shift.

5.2.1 Bus

The bus network is shown in **Figure 5**

Accesses A, B1-3 and C1-3

The nearest bus stops to each of the landfall access points are:

- A – the westbound bus stop is 150 m west of the A548/ Ferguson Road junction, with shelter and seating;
- A – the eastbound bus stop is 60 m west of the A548/ Ferguson Road junction, with shelter and seating;
- C1 and C2 - the westbound bus stop is between 30 and 70 m east of the accesses, with shelter and seating;
- C1 and C2 - the eastbound bus stop is between 30 and 70 m east of the accesses, with shelter and seating;
- C3 – the westbound bus stop is 10 m east of the access, with shelter and seating;
- C3 – the eastbound bus stop is 10 m east of the access, with shelter and seating;
- B1 and B2 – the westbound bus stop is 80 m west of Rhyl Golf Club access, with shelter and seating; and
- B1 and B2 – the eastbound bus stop is 10 m east of Rhyl Golf Club access, with shelter and seating;

The route and typical frequency of the bus services that can be accessed from the nearest bus stops to access points A, B1, B2 and C1-3 are shown in **Table 5-10**.

Table 5-10: Summary of bus services serving Accesses A, B1, B2 and C1-3

Service	Route	Typical Weekday Frequency	Typical Saturday Frequency	Typical Sunday Frequency
11M	Holywell Bus Station - Rhyl Bus Station	1 per hour	1 per hour	1 every 2 hours
18	Flint - Rhyl via Holywell, Prestatyn	1 every 2 hours	1 service	No service
19	Flint – Rhyl via Holywell, Whitford and Prestatyn	1 every 2 hours	No service	No service
36	Rhyl and Prestatyn Circular via Dyserth and Rhuddlan	2 per hour	2 per hour	1 every 2 hours
47	Rhyl - Rhyl via Brynheddydd	1 service	1 service	No service

Accesses D and E

The nearest bus stop to access points D and E is at Rhyl New Pines Caravan Park between around 400 and 700 m to the west on the B5119 Dyserth Road and is a 'sign-only' bus stop.

There is no footway on the B5119 Dyserth Road for the majority of the route between the proposed construction access points and the bus stop and is therefore unlikely to be suitable to promote as a sustainable access option for construction workers. However, workers could access Route Section 1 of the ECC via this bus stop via pedestrian routes through the recently constructed residential development and via the network of PRow.

The route and typical frequency of the bus service that can be accessed from this stop is shown in **Table 5-11**.

Table 5-11: Summary of Bus Services serving Accesses D and E

Service	Route	Typical Weekday Frequency	Typical Saturday Frequency	Typical Sunday Frequency
84	Rhyl Circular	1 every 2 hours	1 every 2 hours	1 every 2 hours

Access G

The nearest bus stops to Access G are directly adjacent; however, the southbound bus stop may be required to be temporality relocated to accommodate the proposed access. The bus stops are 'sign-only' stops.

The route and typical frequency of the bus services that can be accessed from this stop are shown in **Table 5-12**.

Table 5-12: Summary of bus services serving Access G

Service	Route	Typical Weekday Frequency	Typical Saturday Frequency	Typical Sunday Frequency
36	Rhyl and Prestatyn Circular via Dyserth and Rhuddlan	2 per hour	2 per hour	1 every 2 hours
51	Rhyl Bus Station to Denbigh Lenten Pool	1 every hour	1 every 1 hour	1 every hour
51B	Denbigh Lenten Pool to Rhyl Bus Station	1 every hour	1 every 1 hour	No service
54	Trefnant - St Asaph Business Park via Rhyl	1 service	No service	No service

Access H

The nearest bus stop to Access H is at Clwyd Retail Park approximately 250 m to the north, via the A547. There is a shelter and seating at the bus stop.

The route and typical frequency of the bus services that can be accessed from this stop are shown in **Table 5-13**

Table 5-13: Summary of bus services serving Access H

Service	Route	Typical Weekday Frequency	Typical Saturday Frequency	Typical Sunday Frequency
35	Rhyl and Prestatyn Circular via Dyserth and Rhuddlan	2 per hour	2 per hour	1 every 2 hours
36	Rhyl and Prestatyn Circular via Dyserth and Rhuddlan	2 per hour	2 per hour	1 every 2 hours
51	Rhyl Bus Station to Denbigh Lenten Pool	1 every hour	1 every 1 hour	1 every hour
51B	Denbigh Lenten Pool to Rhyl Bus Station	1 every hour	1 every 1 hour	No service
83	Rhyl Bus Station to Clwyd Retail Park	1 every 2 hours	1 every 2 hours	1 every 2 hours
83A	Rhyl Bus Station to Clwyd Retail Park	1 every 2 hours	1 every 2 hours	No Service

Accesses J and I

The nearest bus stop to the TCC at access J are located on Station Road approximately 900 m to the east, accessed across the roundabout between the A547 and A525. There are shelters and seating at the bus stops. The bus stops may also be used for workers accessing the construction sites to the north of the River Clwyd, via the North Wales Path, including via Access I.

The route and typical frequency of the bus services that can be accessed from this stop are shown in **Table 5-14**.

Table 5-14: Summary of bus services serving Accesses J and I

Service	Route	Typical Weekday Frequency	Typical Saturday Frequency	Typical Sunday Frequency
13	Prestatyn to Llandudno	1 every hour	1 every 1 hour	6 services
51	Rhyl Bus Station to Denbigh Lenten Pool	1 every hour	1 every 1 hour	1 every hour
51B	Denbigh Lenten Pool to Rhyl Bus Station	1 every hour	1 every 1 hour	No service
54	Trefnant - St Asaph Business Park via Rhyl	1 service	No service	No service

Access Point L

The nearest bus stops to the TCC at Access L are located on Bodelwyddan Road approximately 400 m to the west (westbound services) and 100 m to the east (eastbound services). The bus stops are flag and pole only. There is a footway on the southern side of Bodelwyddan Road only; however, there is a small section of footway on the northern side of Bodelwyddan Road to serve the eastbound bus stop.

The route and typical frequency of the bus services that can be accessed from this stop are shown in **Table 5-14**.

Table 5-15: Summary of Bus services serving Access L

Service	Route	Typical Weekday Frequency	Typical Saturday Frequency	Typical Sunday Frequency
13	Prestatyn to Llandudno	1 every hour	1 every 1 hour	6 services
51	Rhyl Bus Station to Denbigh Lenten Pool	1 every hour	1 every 1 hour	1 every hour
51B	Denbigh Lenten Pool to Rhyl Bus Station	1 every hour	1 every 1 hour	No service

Access P

The nearest bus stops to Access P is at St Asaph Business Park, approximately 800 m to the south, with no pedestrian infrastructure across the A55 Junction 26 and therefore bus travel is unlikely to be a suitable method of travel for any workers accessing construction sites from this location.

Access Q

The nearest bus stop to Access Q are located on Ffordd William Morgan in St Asaph Business Park at approximately 400 m to 1.2 km distance, dependant on the location with the Substation Zone and 400 kw connection construction works.

There is no pedestrian infrastructure along Glascoed Road, however it may be possible for workers to use the Bridleway (PRoW DE/208/32) to the bus stops and therefore, potential to promote the use of the bus by construction workers in this location.

The route and typical frequency of the bus services that can be accessed from this stop are shown in **Table 5-16**

Table 5-16: Summary of bus services serving Access Q

Service	Route	Typical Weekday Frequency	Typical Saturday Frequency	Typical Sunday Frequency
51B	Denbigh Lenten Pool to Rhyl Bus Station	1 every hour	1 every 1 hour	No service

Service	Route	Typical Weekday Frequency	Typical Saturday Frequency	Typical Sunday Frequency
54	Trefnant - St Asaph Business Park via Rhyl	1 service	No service	No service

Access S

There are bus stops located approximately 250 m west of Access S on the B5381 Glascoed Road, with 'sign-only' stops. The route and typical frequency of the bus services that can be accessed from this stop are shown in **Table 5-17**

Table 5-17: Summary of bus services serving Access S

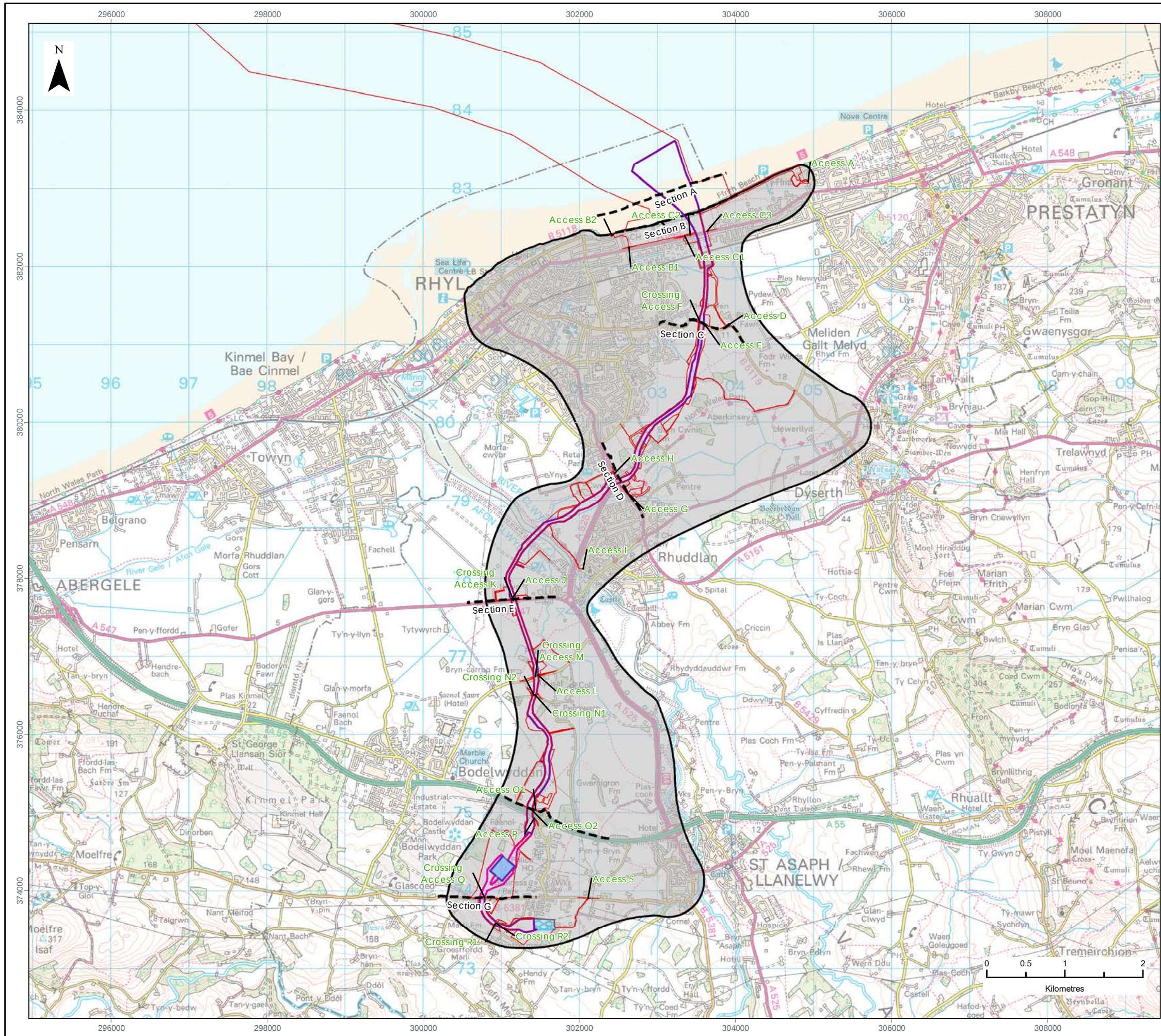
Service	Route	Typical Weekday Frequency	Typical Saturday Frequency	Typical Sunday Frequency
51B	Denbigh Lenten Pool to Rhyl Bus Station	1 every hour	1 every 1 hour	No service
54	Trefnant - St Asaph Business Park via Rhyl	1 service	No service	No service

5.2.2 Rail

Rail is not likely to be a mode of transport used by construction workers and since services on the NWML would not be impacted by the HDD operations, no baseline information is required.

FIGURE 01

Traffic and Transport Study Area



LEGEND

- Order Limits
- Onshore Cable Route Section Breaks
- Proposed Onshore Export Cable Corridor
- Proposed Substation Cable Corridor Zone
- Proposed Transition Joint Bay Construction Compound
- Proposed Access Location
- Proposed Crossing Location
- Proposed Onshore Substation (OnSS) Footprint
- Unlicensed Work Zone
- Traffic and Transport Study Area

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PROJECT TITLE:
AWEL Y MÔR OFFSHORE WINDFARM

FIGURE TITLE:
**TRAFFIC AND
TRANSPORT STUDY AREA**

VER	DATE	REMARKS	Drawn	Checked
1	26/02/2022	ES Issue	JRS	MF

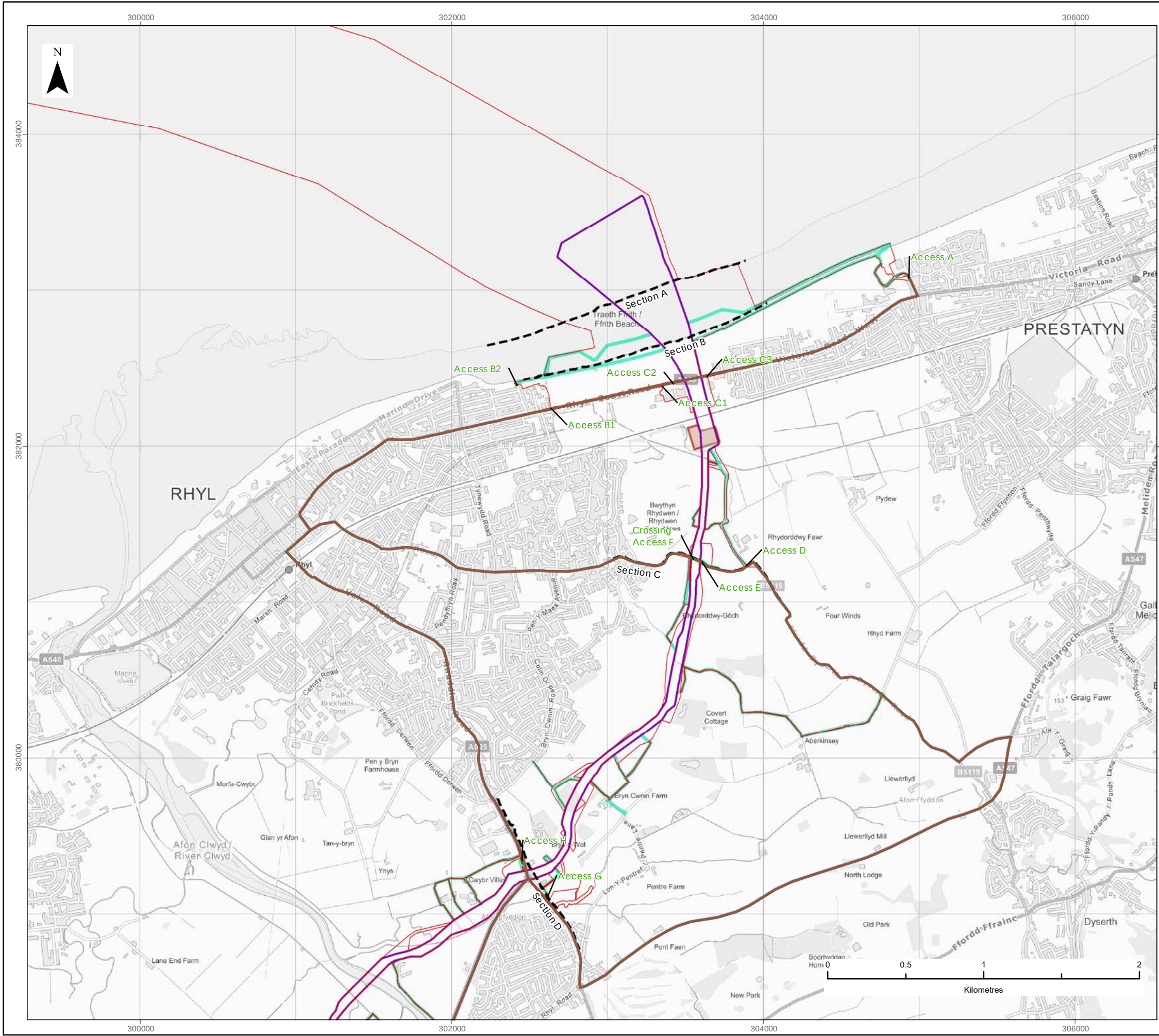
FIGURE NUMBER:
FIGURE 1

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FIGURE 02

Construction Access Routes



- LEGEND
- Order Limits
 - Onshore Cable Route Section Breaks
 - Proposed Onshore Export Cable Corridor
 - Proposed Substation Cable Corridor Zone
 - Proposed Transition Joint Bay Construction Compound
 - Proposed Access Location
 - Proposed Crossing Location
 - Proposed Operational Access Route
 - Proposed Onshore Substation (OnSS) Footprint
 - Unlicensed Work Zone
 - Proposed Construction Access Route

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AWEL Y MÔR OFFSHORE WINDFARM

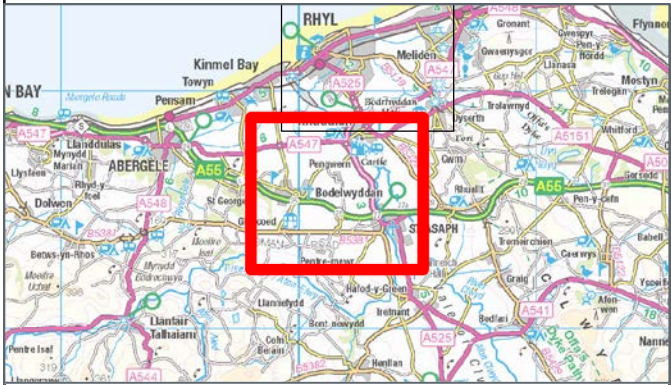
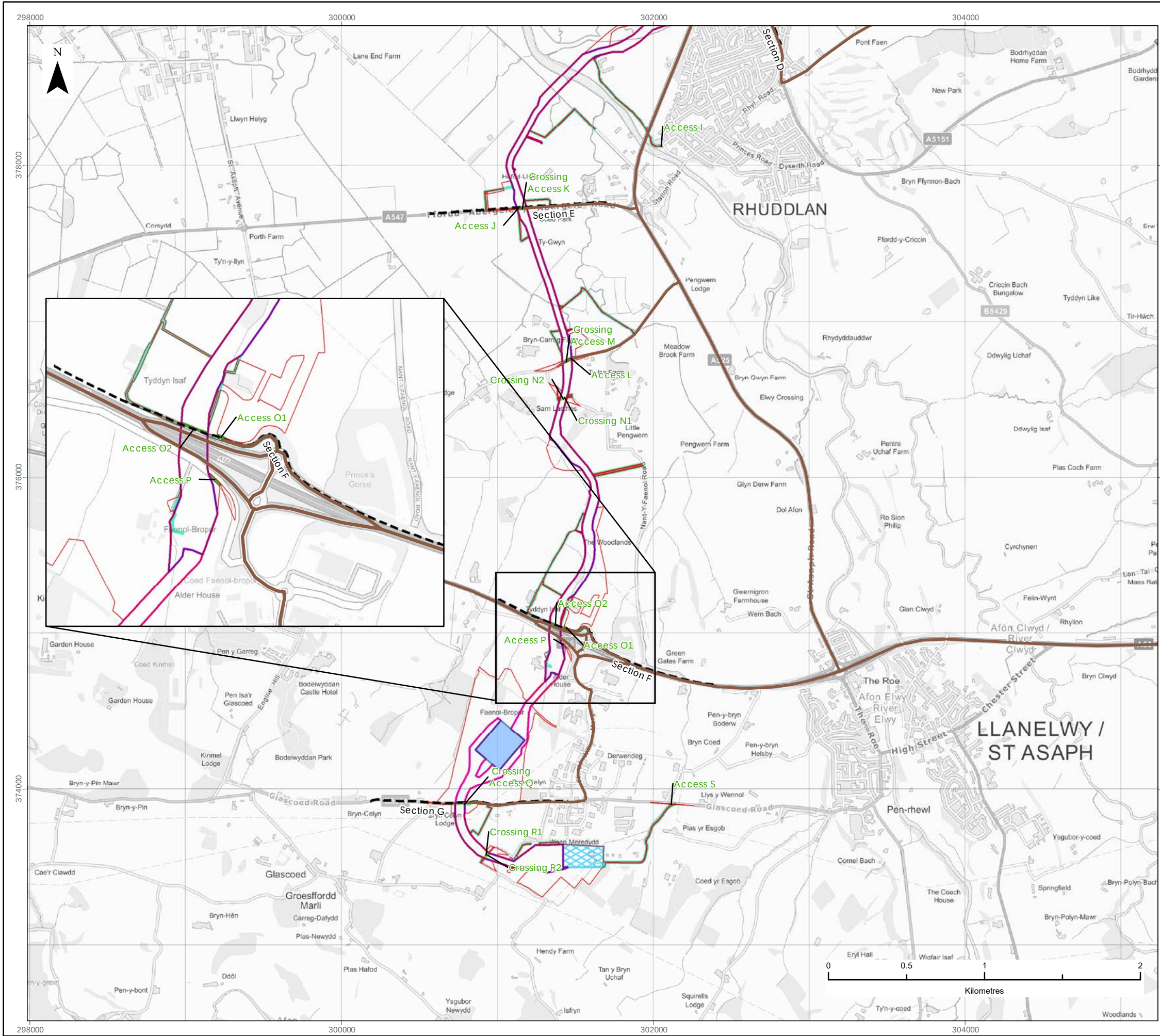
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CONSTRUCTION ACCESS ROUTES

VER	DATE	REMARKS	Drawn	Checked
1	26/02/2022	ES Issue	JRS	MF

FIGURE NUMBER:
FIGURE 2a
Page 1 of 2

SCALE: 1:25,000	PLOT SIZE: A3	DATUM: ODN	COORDINATE SYSTEM: British National Grid
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Fferm Wyrnt Alltraeth
AWEL Y MÔR
Offshore Wind Farm



LEGEND

- Order Limits
- Onshore Cable Route Section Breaks
- Proposed Onshore Export Cable Corridor
- Proposed Substation Cable Corridor Zone
- Proposed Transition Joint Bay Construction Compound
- Proposed Access Location
- Proposed Crossing Location
- Proposed Operational Access Route
- Proposed Onshore Substation (OnSS) Footprint
- Unlicensed Work Zone
- Proposed Construction Access Route

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AWEL Y MÔR OFFSHORE WINDFARM

FIGURE TITLE:
CONSTRUCTION ACCESS ROUTES

VER	DATE	REMARKS	Drawn	Checked
1	26/02/2022	ES Issue	JRS	MF

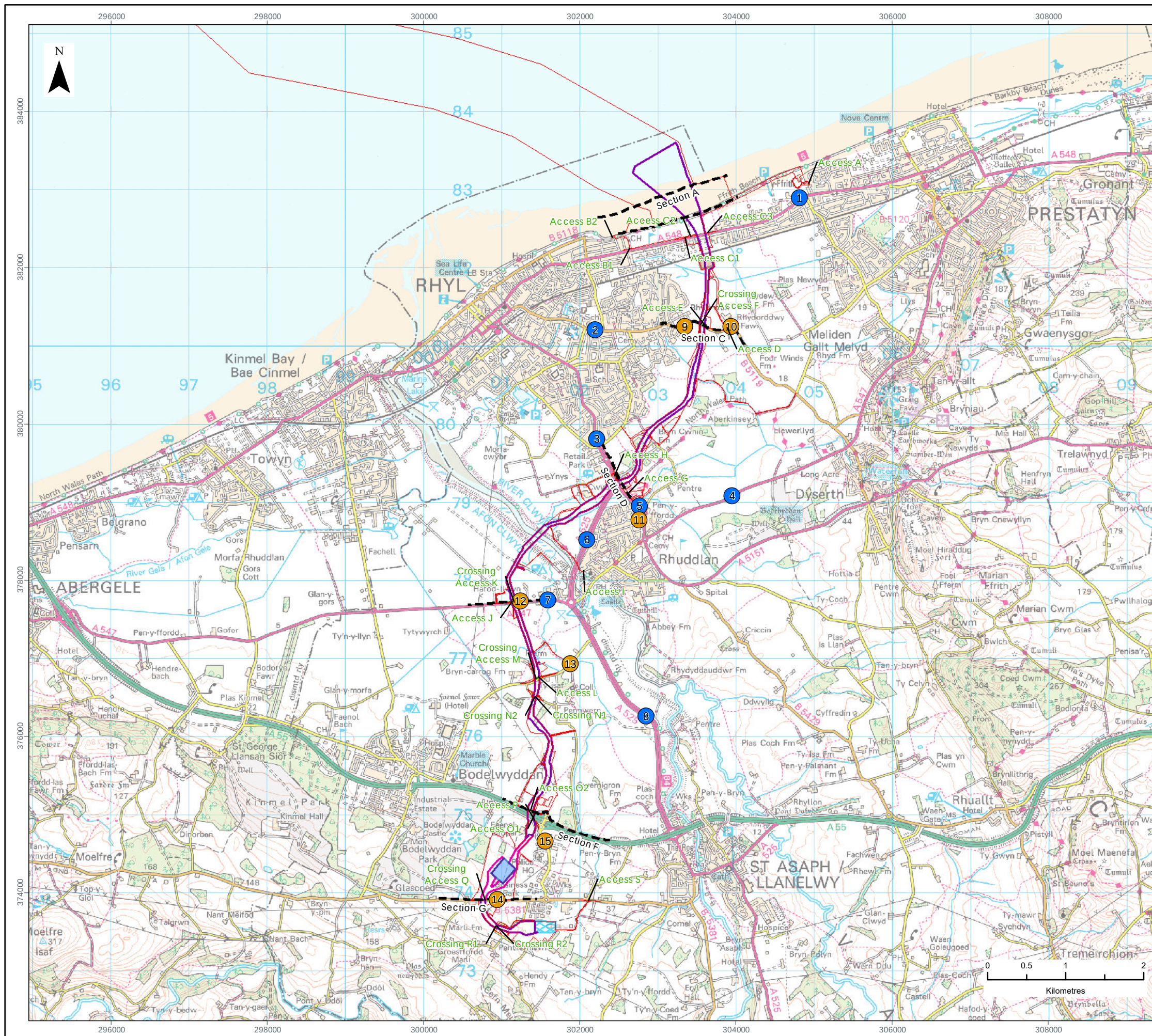
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FIGURE 2b
Page 2 of 2

SCALE: 1:25,000	PLOT SIZE: A3	DATUM: ODN	COORDINATE SYSTEM: British National Grid
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Fferm Wynt Alltraeth
AWEL Y MÔR
Offshore Wind Farm

FIGURE 03

Traffic data Locations



LEGEND

- Order Limits
- Onshore Cable Route Section Breaks
- Proposed Onshore Export Cable Corridor
- Proposed Substation Cable Corridor Zone
- Proposed Transition Joint Bay Construction Compound
- Proposed Onshore Substation (OnSS) Footprint
- Unlicensed Work Zone

Traffic Data Locations

- ATC (April 2021)
- DfT (2018/2019)

- A548 Victoria Road West
- B5119 East of Rhyl town centre
- A525 North of Rhuddlan
- A547 East of Rhuddlan
- A547 Eastern Rhuddlan Bypass
- A525 Western Rhuddlan Bypass
- A547 Abergele Road
- A525 South of Bodelwyddan Road
- B5119 Dyserth Road west of the onshore ECC
- B5119 Dyserth Road east of the onshore ECC
- A547 Eastern Rhuddlan Bypass
- A547 Abergele Road
- Bodelwyddan Road
- B5381 Glascoed Road
- Ffordd William Morgan

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AWEL Y MÔR OFFSHORE WINDFARM

FIGURE TITLE:
TRAFFIC DATA LOCATIONS

VER	DATE	REMARKS	Drawn	Checked
1	26/02/2022	ES Issue	JRS	MF

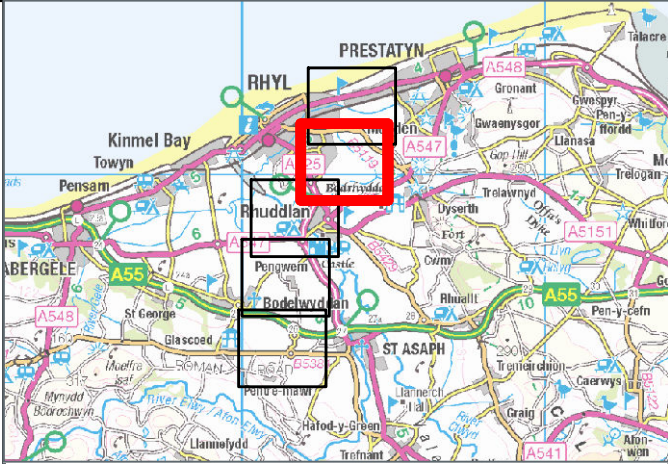
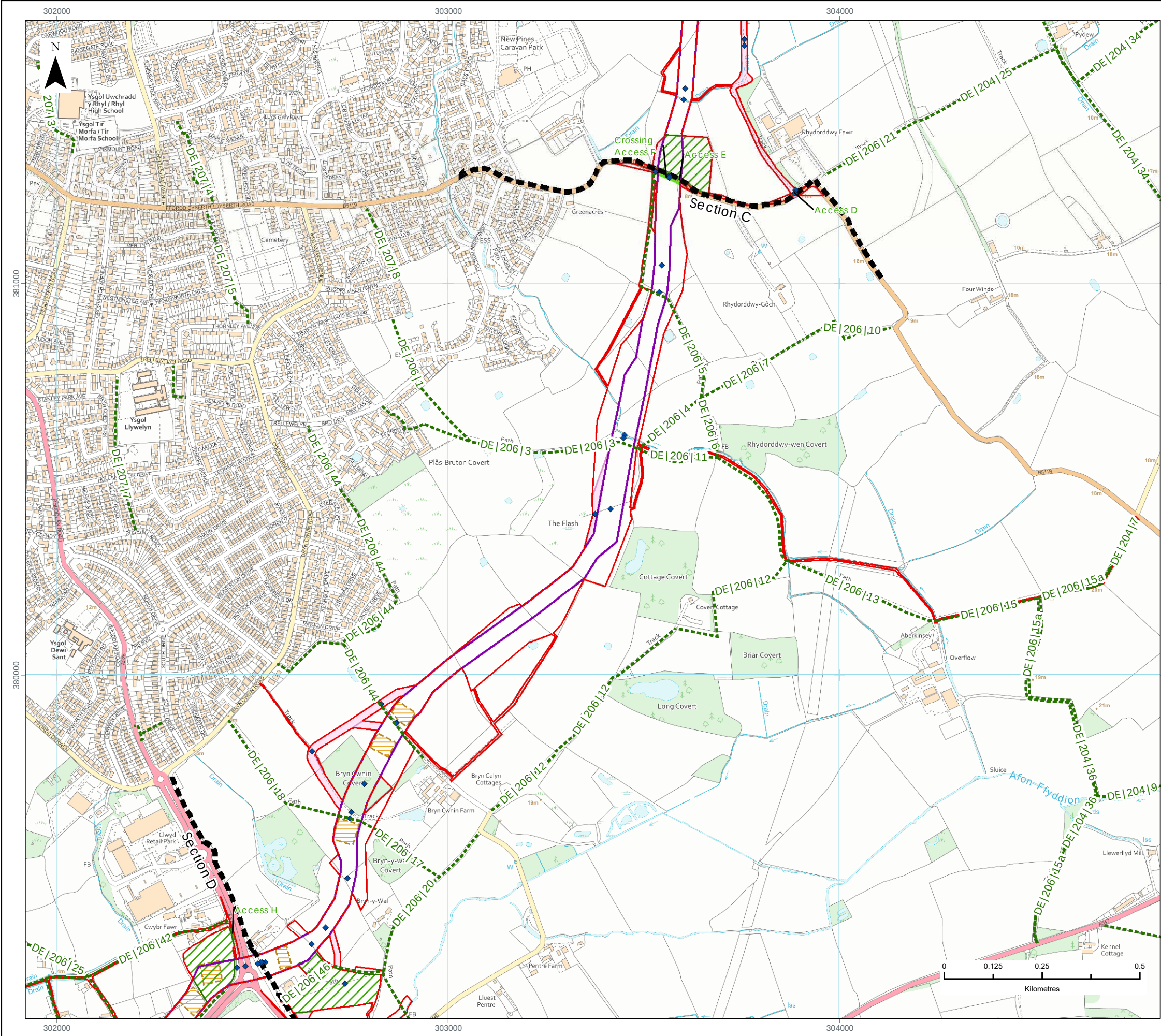
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FIGURE 3

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Fferm Wyrnt Alltraeth
AWEL Y MÔR
Offshore Wind Farm

FIGURE 04

Public Rights of Way



- LEGEND
- Order Limits
 - Onshore Cable Route Section Breaks
 - Crossing Schedule
 - Proposed Onshore Export Cable Corridor
 - Proposed Indicative Trenchless Crossing Compound
 - Proposed Temporary Construction Compound
 - Proposed Access Location
 - Proposed Crossing Location
 - Proposed Construction Access Area
 - Public Right of Network (PROW)

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AWEL Y MÔR OFFSHORE WINDFARM

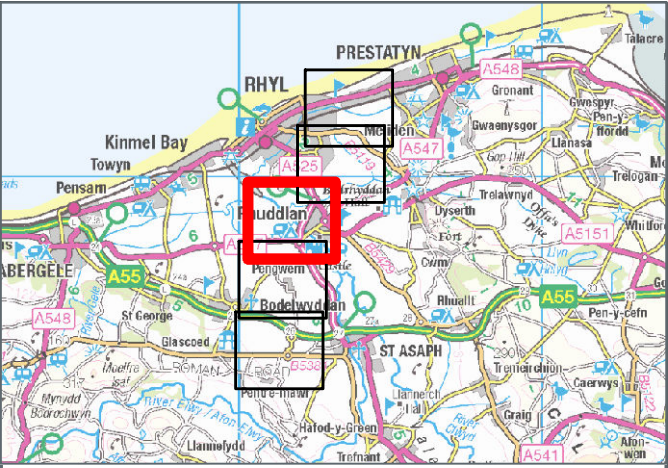
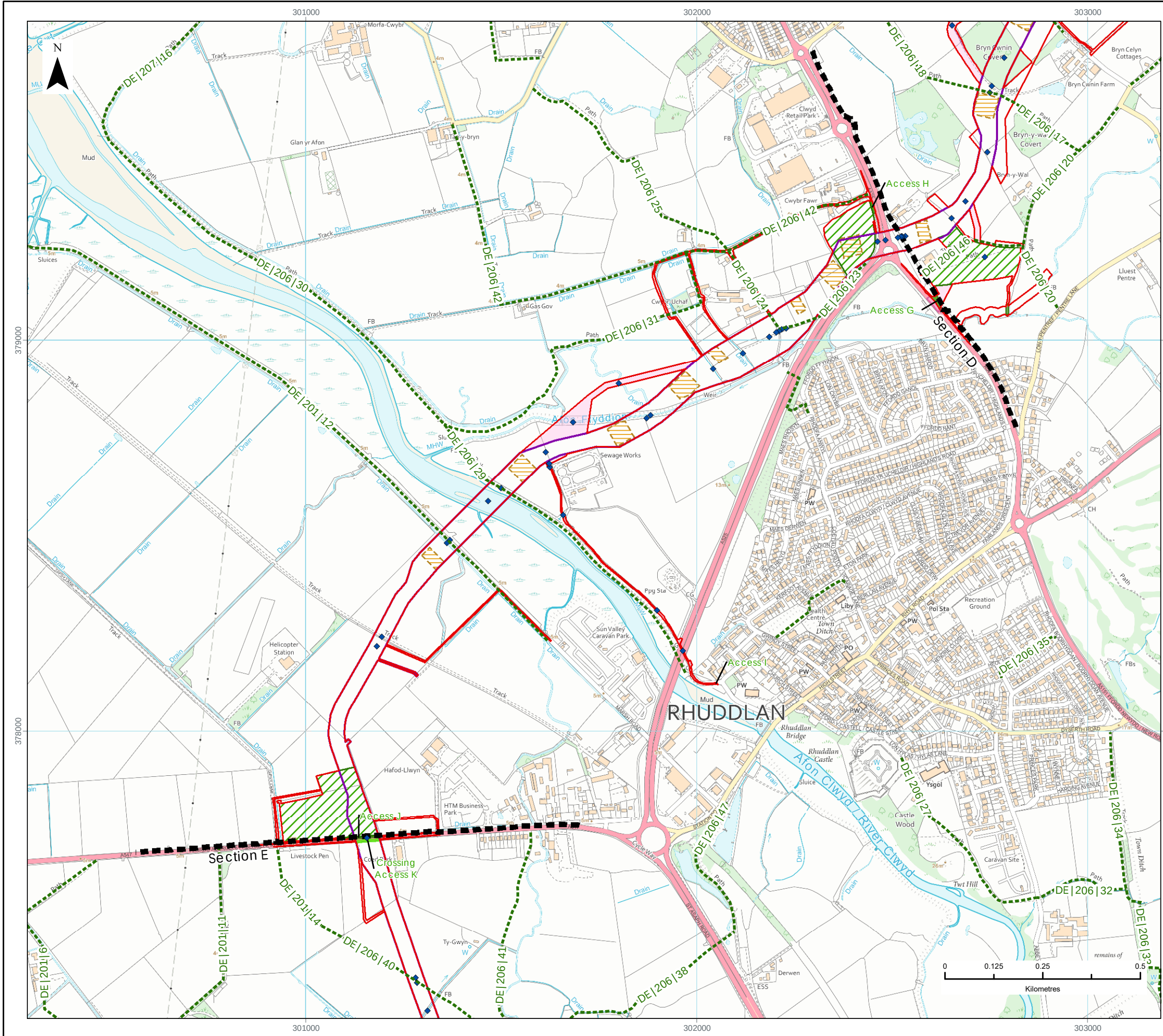
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**PROW
(ROUTE SECTION C)**

VER	DATE	REMARKS	Drawn	Checked
1	26/02/2022	ES Issue	JRS	MF

FIGURE NUMBER:
**FIGURE 4b
Page 2 of 5**

SCALE: 1:10,000	PLOT SIZE: A3	DATUM: ODN	COORDINATE SYSTEM: British National Grid
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- LEGEND**
- Order Limits
 - Onshore Cable Route Section Breaks
 - Crossing Schedule
 - Proposed Onshore Export Cable Corridor
 - Proposed Indicative Trenchless Crossing Compound
 - Proposed Temporary Construction Compound
 - Proposed Access Location
 - Proposed Crossing Location
 - Proposed Construction Access Area
 - Public Right of Network (PRoW)

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AWEL Y MÔR OFFSHORE WINDFARM

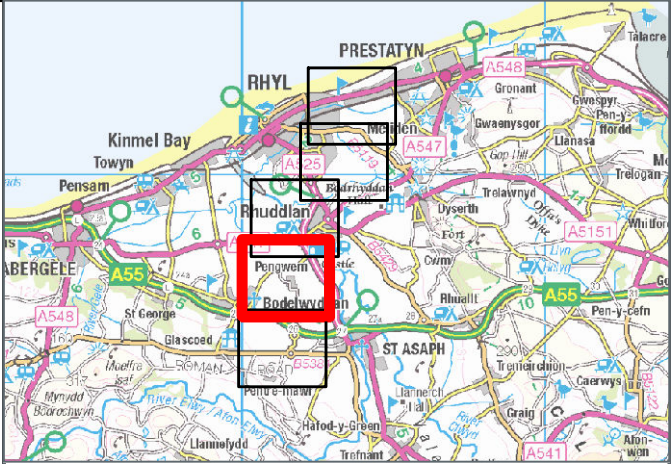
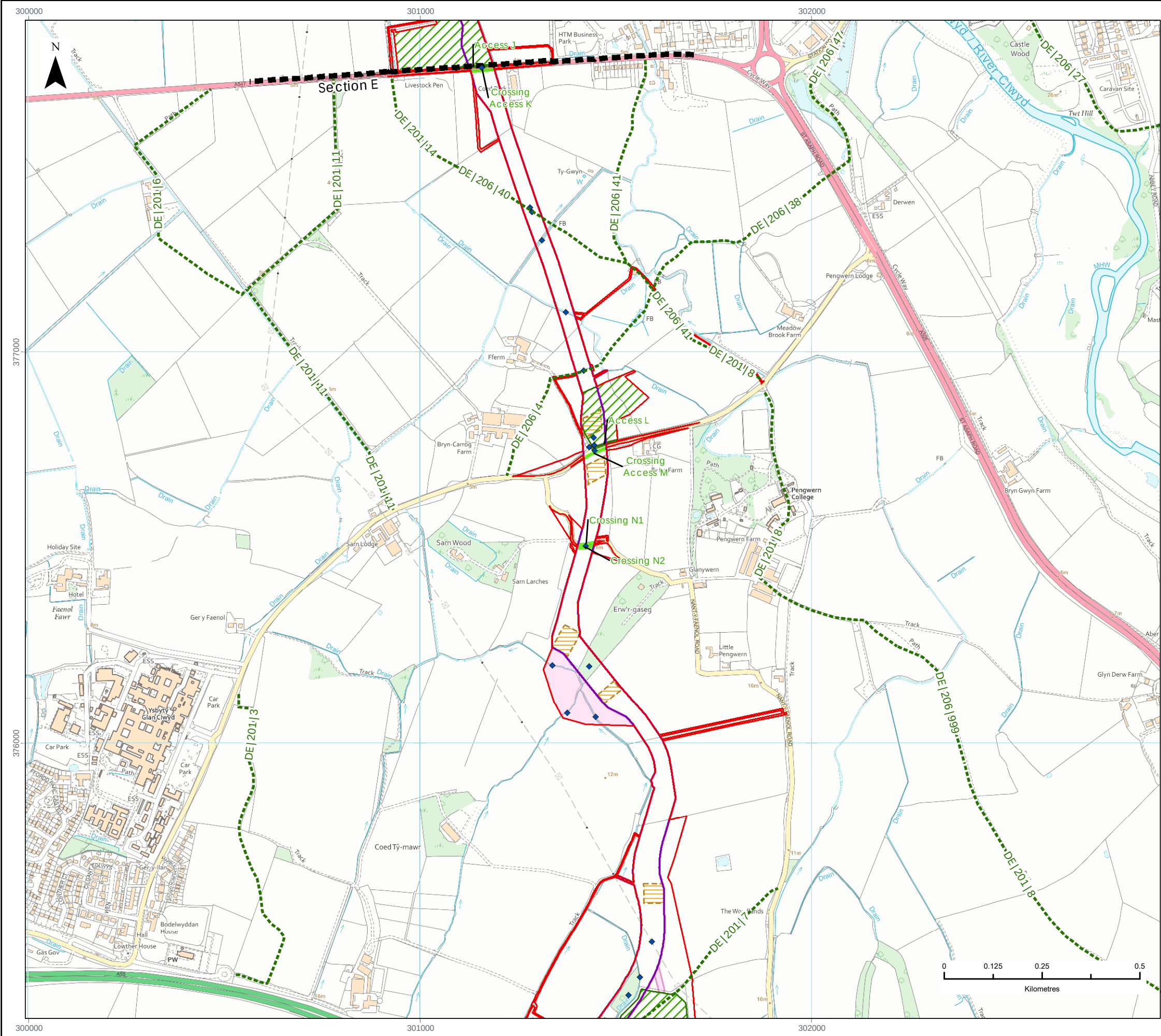
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(ROUTE SECTION D)**

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1	26/02/2022	ES Issue	JRS	MF

FIGURE NUMBER:
**FIGURE 4c
Page 3 of 5**

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LEGEND

- Order Limits
- Onshore Cable Route Section Breaks
- Crossing Schedule
- Proposed Onshore Export Cable Corridor
- Proposed Indicative Trenchless Crossing Compound
- Proposed Temporary Construction Compound
- Proposed Access Location
- Proposed Crossing Location
- Proposed Construction Access Area
- Public Right of Network (PRoW)

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AWEL Y MÔR OFFSHORE WINDFARM

DRAWING TITLE:
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VER	DATE	REMARKS	Drawn	Checked
1	26/02/2022	ES Issue	JRS	MF

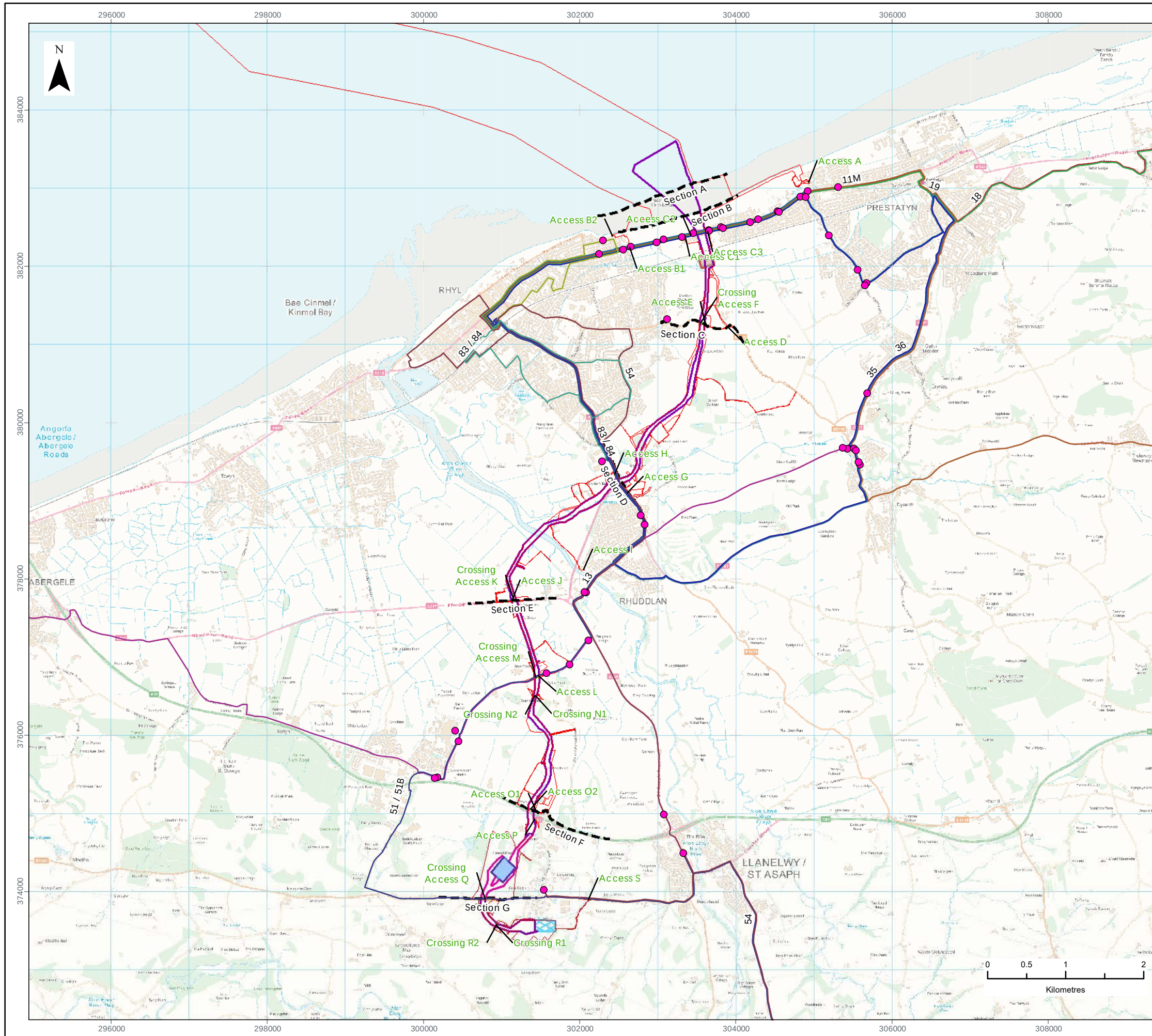
FIGURE NUMBER:
**FIGURE 4d
Page 4 of 5**

SCALE: 1:10,000	PLOT SIZE: A3	DATUM: ODN	COORDINATE SYSTEM: British National Grid
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FIGURE 05

Bus Routes Map



LEGEND

- Order Limits
- Onshore Cable Route Section Breaks
- Proposed Onshore Export Cable Corridor
- Proposed Substation Cable Corridor Zone
- Proposed Transition Joint Bay Construction Compound
- Proposed Onshore Substation (OnSS) Footprint
- Unlicensed Work Zone
- Bus Stop Location Near to Development

Bus Route

- Bus Route 13
- Bus Route 18
- Bus Route 19
- Bus Route 35
- Bus Route 36
- Bus Route 47
- Bus Route 54
- Bus Route 83 / 84
- Bus Routes 51 / 51B
- Route 11M

Data Source:
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PROJECT TITLE:
AWEL Y MÔR OFFSHORE WINDFARM

FIGURE TITLE:
BUS NETWORK

VER	DATE	REMARKS	Drawn	Checked
1	26/02/2022	ES Issue	JRS	MF

FIGURE NUMBER:
FIGURE 5

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APPENDIX A

Transport Technical Note

Technical Note: Data Requirements (Traffic and Transport Chapter)

Awel y Môr Offshore Windfarm

10th March 2021

Introduction

This note has been prepared by SLR Consulting Ltd (SLR) and is provided to inform further discussions with Expert Topic Group (ETG) 'Traffic and Transport' members; Denbighshire County Council (DCC), Conwy County Council (CCC) and North and Mid Wales Trunk Road Agency (NMWTRA) regarding the baseline data requirements to inform the Traffic and Transport chapter of the Environmental Impact Assessment (EIA) for the onshore element of the Awel y Môr Offshore Windfarm.

As set out further in this note, the proposed access routes between the construction sites and the A55 are within Denbighshire; however, given the proximity of Conwy, we would welcome any feedback from CCC.

Purpose of this Note

We are seeking views on baseline data, so the requirements can be agreed and finalised now that the preferred cable corridor and cable route, landfall location and substation location have been selected and are being taken forward for assessment which will be presented in the Preliminary Environmental Information Report (PEIR).

Specific questions for ETG members are set out in this note; however, in broad terms, we would like ETG members to confirm the following:

- Do you agree with the proposed construction access routes (subject to any management measures that might be required), or if not, can you advise on more suitable routes to consider?
- Do you agree with the proposed sources of data?
- Do you agree with the proposed scope of data?

The maximum design scenario that will inform the construction traffic generation assessment presented in the PEIR is currently being finalised. Once the likely highway links and junctions that would be impacted are identified, further liaison with ETG members will be undertaken to discuss and agree the scope of the assessment scenarios. We would hope to present this to ETG members at the ETG Meeting that is currently being arranged. At this stage, feedback on data sources and construction routeing is being sought.

Datasets

The key datasets required (where appropriate) to inform the Traffic and Transport chapter of the PEIR are:

- A55 - link flow data;
- Local roads - link flow data;
- Local roads – peak period turning counts (dependent on trip generation and any sensitive junctions identified by ETG members);
- Speed surveys for temporary and permanent construction site access visibility (where necessary);
- Accident data; and
- Qualitative assessment of Public Rights of Way (PROW and Active Travel Routes (ATR)), including usage (if any survey or anecdotal information is available)

Project Red Line Boundary and Proposed Construction Accesses

The proposed Project Red Line Boundary for the onshore works being taken forward for the PEIR is shown in **Drawing** in **Appendix 01**. This shows the landfall location, a 100m wide cable for the cable route corridor (within which a preferred 40m corridor will be shown at PEIR), the substation location and the connection to the National Grid Substation.

Between landfall and the National Grid Substation, there will be a number of access locations required to facilitate temporary access to Horizontal Directional Drilling (HDD) and Transition Jointing Bay (TJB) compounds, Temporary Construction Compounds (TCC) and the haul roads.

A schedule of the proposed construction access points (approximate locations) from the local highway network have been identified for a number of sections of the cable route between and including landfall and the connection onto the National Grid Substation, and are set out in **Table 1** below and in **Drawing**

Table 1
Proposed Construction Access Locations

Cable Route Section	Proposed Access	Compounds
Landfall Option 1	B5119 Dyserth Road (adjacent to Rhydorddwyr Fawr)	Landfall HDD compound TJB construction compound
Landfall Option 2	A548 Rhyl Coast Road – - Garford Road (west of the Golf Course); - Existing Golf Course access on the A548 Rhyl Coast Road; and - New access from The A548 Rhyl Coast Road.	
Section 1	A547 - Upgrade of Existing B5119 Dyserth Road	HDD compounds Main TCC at A547 Access Minor TCC at B5119 Access
Section 2	A525 - Upgrade of existing	HDD compounds Minor TCC at A525 Access
Section 3	A547 Abergele Road Sarn Lane Farm Track from Junction 26 of A55	HDD compounds Main TCC at A547 Access Minor TCC at Sarn Lane Access
Section 4	B5381 Glascoed Road (west of St Asaph Business Park)	HDD compounds Minor TCC at B5381
Substation	B5381 Glascoed Road (west of St Asaph Business Park)	HDD compounds Minor TCC
National Grid Substation	B5381 Glascoed Road (east of St Asaph Business Park)	Minor TCC

Likely Access Routes

The access routes between the A55 and each of the construction accesses to be considered are:

- Landfall Option 1
 - LF1 - A548 Rhyl Coast Road, A525 to Junction 26 of the A55, or via A547 to Junction 28 of the A55
- Landfall Option 2
 - LF2A - B5119 west, A548, A525 to Junction 26 of the A55, or via A547 to Junction 28 of the A55; and
 - LF2B - B5119 south, A547, A525 to Junction 26 of the A55, or via A547 to Junction 28 of the A55.
- Section 1
 - S1A - B5119, A548, A525 to Junction 26 of the A55, or via A547 to Junction 28 of the A55;
 - S1A - B5119, A548, A525 to Junction 26 of the A55;
 - S1B - B5119, A547, A525 to Junction 26 of the A55; and
 - S1C - A525 to Junction 26 of the A55
- Section 2
 - S2 - A525 to Junction 26 of the A55
- Section 3
 - S3A - A547, A525 to Junction 26 of the A55;
 - S3B – Sarn Lane, A525 to Junction 26 of the A55; and
 - S3C - Access Lane at Junction 26 of the A55
- Section 4 / Substation / National Grid Substation
 - S4A - B5381 Glascoed Road, Ffordd William Morgan to Junction 26 of the A55; and
 - S4B - B5381 Glascoed Road, A525 to Junction 27 of the A55

We would welcome any feedback from ETG members on the access routes proposed in terms of suitability for HGV traffic in particular, subject to any traffic management measures that may be required.

In particular, we note the narrow section of the B5119 south, which would require traffic management such as partial closure, a one way system or temporary traffic control, if this route was considered a viable option for some construction traffic.

Likely affected PROW / ATR

The PROW to be included in the baseline assessment (which are crossed by the proposed cable route and/or construction access) are as follows:

- 201/9, 201/7, 206/4, 206/40, 201/14, 201/12, 206/29, 206/46, 206/20, 206/17, 206/44, 206/18, 206/12, 200/3, 206/14, 206/15, 206/16 and 206/17

The ATR to be included in the baseline assessment (which are crossed by the proposed cable route and/or construction access) are as follows:

- DB-PRE-C012;

- DB-PRE-C011;
- DB-PRE-C011B;
- Den-Bod-SUP030;
- Den-Rhud-SUP030;
- Den-Rhud-SUP010B; and
- Den-Rhud-SUP020

We would welcome any feedback from ETG members regarding the list of PROW and ATR to be included in the assessment and whether there are any other routes you would like included in the assessment.

Sources of Data

A55 – link flow data

Baseline traffic flows for the A55 would be obtained using DfT data, with the following datasets available in the vicinity the three junctions on the A55 proposed for accessing the construction routes on the local highway network:

- Site number: 40530 between Junction 25 and 26 (AADT, also hourly 07:00 to 19:00, both directions) – 2017 actual count and estimates for 2019; and
- Site number: 20531 between Junction 27 and 27a (AADT, also hourly 07:00 to 19:00, both directions) – 2019 actual count.

We would welcome any feedback from NMWTRA on the baseline traffic flow data identified for the A55.

Local roads - link flow data / peak period turning counts

Whilst the highway links or junctions on the local highway network that will require assessment to inform the PEIR are still being finalized; we would welcome feedback from ETG members on the options for obtaining suitable traffic data:

Existing sources

- DfT Counts. The DfT Road Traffic Statistics database contains a number of estimated counts for 2019 for a number of sections of the likely haul routes, with the exception of:
 - o B5119 south of landfall Option 2;
 - o A525 between A547 Abergele Road and Rhuddlan Road;
 - o Sarn Lane;
 - o B5381 Glascoed Road;
 - o Ffordd William Morgan; and
 - o A525 south of the A55 Junction 27.
- Recent Transport Assessments prepared for development proposals within the study area and the use of assumptions and factors to estimate traffic flows. We have collated a number of Transport Assessments that contain traffic data on some of the routes / routes within close proximity; however, this data is limited and mainly peak hour flows, rather than 12-hour flows. The two datasets that have been identified for use are:
 - o Automatic Traffic Count (ATC) on the B5381 Glascoed Road from the Crematorium Transport Assessment (2013) prepared by Bellamy Roberts; and

- o Morning and evening peak hour counts on Ffordd William Morgan, from a Care Home Transport Assessment (2019) prepared by Caulmert Ltd. These could be factored up to 24 hour AADT based on sensible assumptions; however, there is no HGV percentage available in the data.
- Traffic survey data held by DCC. We would welcome confirmation of any available traffic datasets on the likely access routes identified above.

Could DCC provide contact information for investigating any existing traffic survey data available, should this be required?

New survey data

Given the current Covid-19 pandemic and associated travel restrictions, collecting new traffic data may not be adequately representative.

We would therefore welcome feedback from DCC on the potential for obtaining new data once this lockdown period has ended, with a view to collecting the data at the start of April, to enable assessment to inform the PEIR.

Could DCC also confirm if a permit or license is required to install traffic data collection equipment and is there a lead in time for this?

Speed data

If required, ATCs will be installed by the specialist traffic data collection company at proposed construction site accesses so that 85th percentile vehicle speeds can be identified to derive the required visibility splays, to ensure highway safety is maintained.

Accident data

Accident data will be obtained from the STATS19 database from DCC for the local road network and from the Welsh Government Knowledge and Analytical Service for the A55.

We would welcome feedback from ETG members confirming the sources of data for speed and accident data are suitable.

PROW / ATR

The baseline data for assessing the impact of the construction traffic on the users of the PROW and ATR that would be crossed by the cable route and/or temporary construction access will be obtained from a desk based assessment, supplemented by site visits to identify the following in the vicinity of each identified PROW and ATR:

- General observations of usage;
- Key trip generators and local amenities;
- Alternative walking, cycling and horse-riding network facilities; and
- Personal injury collision data if the PROW crossed or is adjacent to the local highway network.

Additionally, the baseline assessment will consider:

- Any related walking, cycling & horse-riding policies and strategies; and
- Input from the baseline assessment undertaken for the recreation EIA topic, which will identify the relevant importance of each PROW and ATR and any anecdotal usage information from key stakeholders.

We would welcome feedback from DCC confirming the method of data collection for PROW and ATR affected is suitable.

Timing of Data

Traffic Data

We would welcome feedback from ETG members regarding the timing of baseline data (notwithstanding the issues outlined above regarding the collection of new data), specifically whether a seasonality adjustment would be required, to take account of tourism in the summer months.

The potential for seasonality adjustment factors for the strategic and local highway networks is set out below.

A55 – link flow data

Annual Average Daily Traffic (AADT) flows are available without any seasonal variations. SLR has obtained some data showing monthly traffic volumes on the A55 in the study area, as shown below in **Figure 1**.¹ (2016 data). This shows much higher traffic flows in August. Factors can be applied to the AADT data on the A55 to take account of the likely timing of the construction period, to ensure a robust assessment is undertaken, should this be required.

Figure 1
Proposed Seasonality Factors – A55

Table 2-7: A55 Seasonality

	Penmaen -bach Gwynedd	Penmaen -bach Gwynedd	Bodel- wyddan	Bodel- wyddan	Pont Dafydd, E. of St Asaph	Pont Dafydd, E. of St Asaph	Northop BP (West) Clwyd	Northop BP (West) Clwyd	Hawarde n Bypass Clwyd	Hawarde n Bypass Clwyd
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
Jan	12,374*	11,693*	16,005	15,657	17,024	16,190	22,277	21,861	12,220	11,503
Feb	6,539*	4,742*	17,248	17,444	18,534	18,255	24,163	24,337	12,921	12,521
Mar	16,488*	5,801*	18,919	19,308	20,887	20,918	26,608	27,156	13,578	13,422
Apr	17,676	12,515	20,235	20,572	22,238	22,098	28,273	28,710	14,359	14,062
May	18,284	18,174	21,048	21,858	23,314	23,480	29,247	29,729	14,865	14,653
Jun	19,075	18,268	21,210	20,812	24,168	23,308	30,222	29,876	14,992	14,472
Jul	19,256	19,588	22,100	23,233	24,436	24,620	30,332	31,030	14,785	14,868
Aug	21,561	21,331	25,327	25,188	27,977	27,367	33,376	33,280	15,654	15,574
Sep	18,862	18,339	21,823	21,466	23,685	22,749	29,597	29,241	14,796	14,410
Oct	18,158	18,017	20,594	20,780	22,771	22,382	28,762	28,953	14,697	14,393
Nov	16,295	15,964	18,337	18,471	19,777	19,223	25,642	25,614	13,741	13,233
Dec	14,661	14,781	17,765	17,827	18,113	18,231	23,703	24,364	12,622	12,317

Note: *Planned roadworks closed the Penmaenbach tunnels during the first quarter of 2016.

Local roads - link flow data / peak period turning counts

Any existing data or new traffic counts (should this be possible given the Covid-19 pandemic) can be factored for summer seasonality (if required) using factors identified on some local highway links assessed as part of the National Grid (North Wales Connection Project), as shown in **Figure 2**.²

¹ A55 / A494 Network Resilience Study WelTAG Stage 1 Report WSP on behalf of North and Mid Wales Trunk Road Agency

² National Grid (North Wales Connection Project) Chapter 13 – Appendix 1 (Transport Assessment)

Figure 2
Proposed Seasonality Factors – Local Highway Network

Table 7.7: Seasonality Factors Along Highway Links			
Highway Link	Link Ref	August / February AM	August / February PM
A4244	20	0.90	1.14
A5	13	0.95	1.34
A4080	16	0.96	1.49
B5111	4 & 4.1	0.83	0.95
A5	17	0.94	1.45
A5114	8	0.92	1.08
A5025	1	1.01	0.94
Average	0.93		1.20
	1.06		

Speed surveys

We would suggest the timing of speed surveys is not critical to the assessment.

Accident data

STATS19 data will be obtained and analysed for the previous five years (of available data).

PROW / ATR

We would suggest the timing of collecting data associated with the PROW / ATR is not critical to the assessment.

We would welcome feedback from ETG members confirming the timing of collecting speed, accident and PROW / ATR data is suitable.

Data Collection Time Periods

A55 – link flow data

24 hour AADT data is the only time period available on the DfT Road Traffic Data Statistics website. Should different time periods (such as 18 hour, 12 hour or peak hour) be required for the assessment (including for other EA topics), any other datasets available from NMWTRA on the A55 or ATC data available on local roads in the study would be used to derive such time periods.

We would welcome feedback from NMWTRA regarding the above method; however, we will seek further agreement on this with NMWTRA once this data has been identified.

Local roads - link flow data / peak period turning counts

Any new ATCs would collect classified traffic flow data and speeds on highway links, would be installed for one week, to capture 24 hours, seven days.

Should a junction be identified as sensitive by ETG members and if the traffic associated with the construction phase impacts on the junction, should existing data not be available, Manual Classified Counts (MCCs) would collect turning movements and also queue lengths in the morning and evening peak periods (07:00 to 10:00 and 16:00 to 19:00) on a weekday.

We would welcome feedback from ETG members regarding the above method and if any junctions associated with the access routes can be considered sensitive; however, we will seek further agreement on this with ETG members once the construction traffic generation and route assignment has been undertaken.

Speed surveys

ATCs, which will collect classified traffic flow data and speeds on highway links, would be installed for one week, to capture 24 hours, seven days.

Accident data

Any accident data within the agreed refined study area across the five year period will be analysed.

PROW / ATR

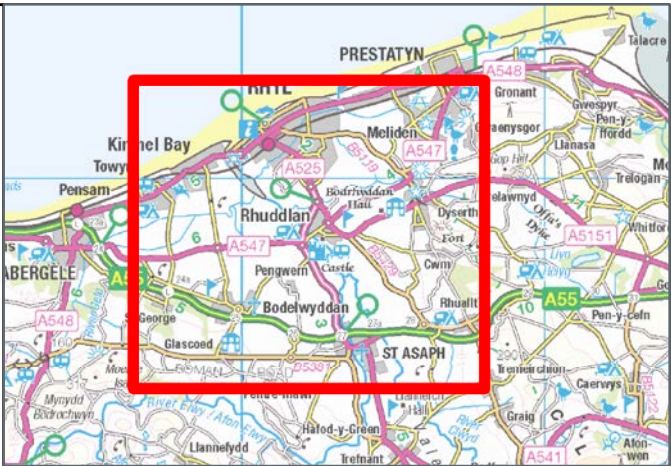
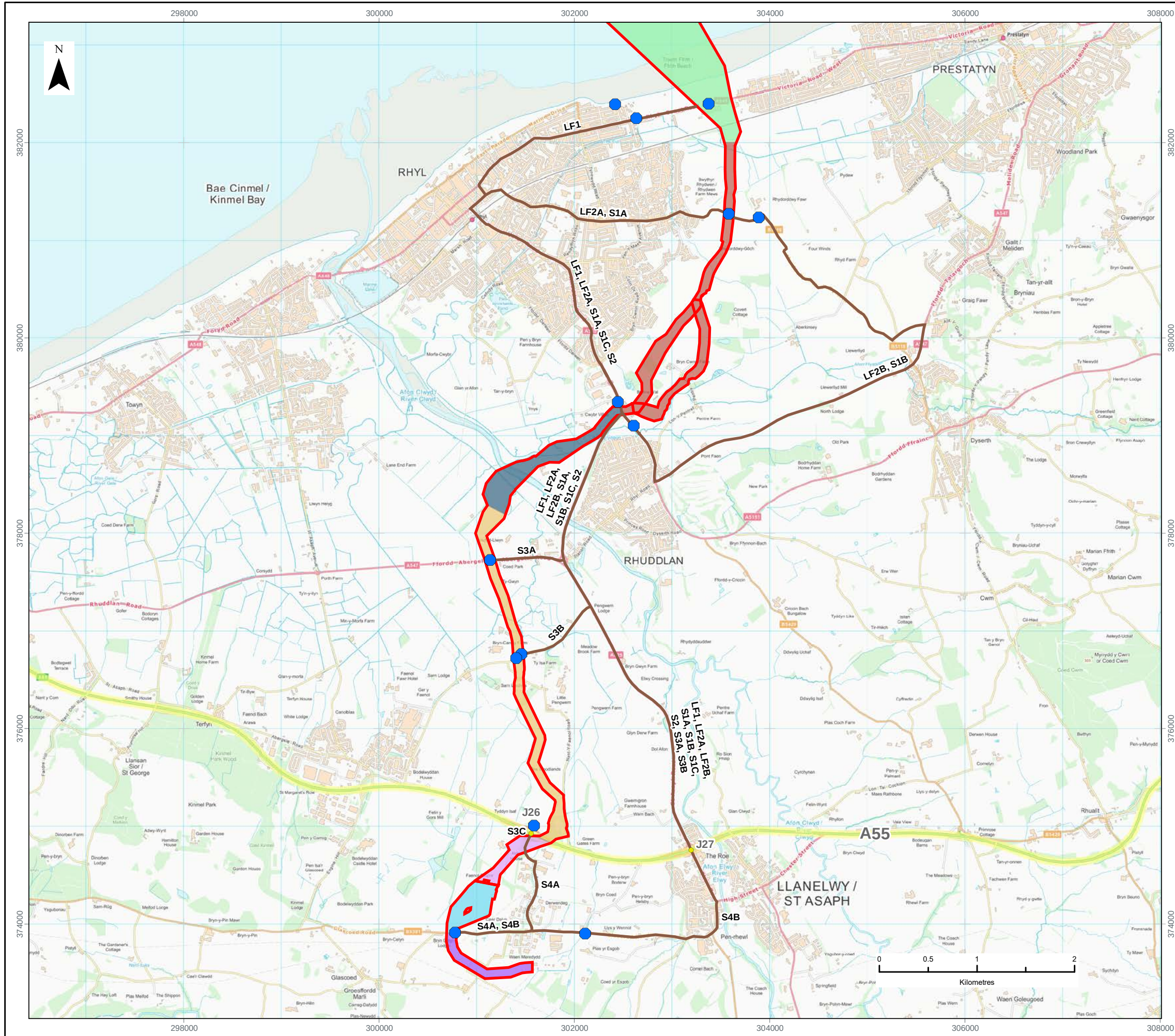
We would suggest the time period for collecting data associated with the PROW / ATR is not relevant to the assessment.

We would welcome feedback from ETG members confirming the time periods associated with collecting speed, accident and PROW / ATR data are suitable.

Summary

This note sets out the proposed parameters for baseline data collection to inform the Traffic and Transport chapter of the EIA for the onshore element of the Awel y Môr Offshore Windfarm.

We would welcome feedback from ETG members on the questions set out in this note at the earliest opportunity, to enable us to plan the baseline data collection.



LEGEND

- Temporary Construction Access Location
- Proposed Construction Access Routes
- 100m Cable Corridor
- A55
- A55 Junction

Cable Corridor Sections

- Landfall HDD
- National Grid Substation Works
- Section 1
- Section 2
- Section 3
- Section 4
- Substation

DRAFT

Data Source:
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PROJECT TITLE:
AWEL Y MOR OFFSHORE WINDFARM

DRAWING TITLE:
**Construction
Access Route Options**

VER	DATE	REMARKS	Drawn	Checked
1	10/03/2021	Draft	AGB	JS

DRAWING NUMBER:
1

SCALE: 1:40,000	PLOT SIZE: A3	DATUM: ODN	COORDINATE SYSTEM: British National Grid
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Fferm Wynt Alltraeth
AWEL Y MÔR
Offshore Wind Farm

APPENDIX B

Annual Average Daily Traffic (AADT) flows in the study area

Site number: 606

Site details

Region	Wales
Local authority	Denbighshire
Road name	A548
Road classification	'A' road
Managed by	Local authority
Road type	Major
Start junction	A548 Bath St (Stryd Y Baddon)
End junction	A547
Link length	7.10km (4.41 miles)
Easting, northing	305446, 383020
Latitude, longitude	53.33560700, -3.42143000

Location



Annual Average daily flow

Year	Count method	Pedal cycles	Two wheeled motor vehicles	Cars and taxis	Buses and coaches	Light goods vehicles	Heavy goods vehicles	All motor vehicles
2020	Estimated using previous year's AADF on this link	177	60	8144	52	1175	83	9514
2019	Estimated using previous year's AADF on this link	155	81	10722	82	1332	95	12311
2018	Estimated using previous year's AADF on this link	141	86	10589	81	1344	95	12195
2017	Estimated using previous year's AADF on this link	127	87	10707	90	1319	95	12297
2016	Manual count	133	86	10786	96	1253	94	12315

Site number: 10620

Site details

Region	Wales
Local authority	Conwy
Road name	A548
Road classification	'A' road
Managed by	Local authority
Road type	Major
Start junction	A55
End junction	LA Boundary
Link length	5.40km (3.36 miles)
Easting, northing	298320, 380074
Latitude, longitude	53.30781300, -3.52745870

Location



Annual Average daily flow

Year	Count method	Pedal cycles	Two wheeled motor vehicles	Cars and taxis	Buses and coaches	Light goods vehicles	Heavy goods vehicles	All motor vehicles
2020	Estimated using previous year's AADF on this link	131	62	7968	69	1359	118	9577
2019	Estimated using previous year's AADF on this link	114	84	10490	110	1540	134	12358
2018	Estimated using previous year's AADF on this link	104	90	10360	109	1554	135	12247
2017	Estimated using previous year's AADF on this link	94	91	10475	120	1525	134	12345
2016	Manual count	99	90	10553	128	1449	134	12354

Site number: 78496

Site details

Region	Wales
Local authority	Denbighshire
Road name	A547
Road classification	'A' road
Managed by	Local authority
Road type	Major
Start junction	A5151
End junction	PRINCES AVENUE
Link length	2.90km (1.80 miles)
Easting, northing	304000, 379110
Latitude, longitude	53.30021200, -3.44195270

Location



Annual Average daily flow

Year	Count method	Pedal cycles	Two wheeled motor vehicles	Cars and taxis	Buses and coaches	Light goods vehicles	Heavy goods vehicles	All motor vehicles
2020	Estimated using previous year's AADF on this link	53	36	6716	62	1135	236	8183
2019	Estimated using previous year's AADF on this link	42	48	9196	96	1325	263	10930
2018	Estimated using previous year's AADF on this link	34	45	9176	97	1330	263	10911
2017	Estimated using previous year's AADF on this link	35	46	9220	103	1270	258	10896

Site number: 99738

Site details

Region	Wales
Local authority	Denbighshire
Road name	A547
Road classification	'A' road
Managed by	Local authority
Road type	Major
Start junction	A525
End junction	A547 / A5151
Link length	0.90km (0.56 miles)
Easting, northing	302690, 378970
Latitude, longitude	53.29871500, -3.46155950

Location



Annual Average daily flow

Year	Count method	Pedal cycles	Two wheeled motor vehicles	Cars and taxis	Buses and coaches	Light goods vehicles	Heavy goods vehicles	All motor vehicles
2020	Estimated using previous year's AADF on this link	170	57	8239	119	1539	208	10162
2019	Estimated using previous year's AADF on this link	133	77	11282	186	1798	233	13576
2018	Estimated using previous year's AADF on this link	110	71	11257	188	1804	232	13552
2017	Estimated using previous year's AADF on this link	112	73	11311	198	1723	227	13532

Site number: 20604

Site details

Region	Wales
Local authority	Denbighshire
Road name	A525
Road classification	'A' road
Managed by	Local authority
Road type	Major
Start junction	A548
End junction	A547
Link length	2.80km (1.74 miles)
Easting, northing	302170, 380000
Latitude, longitude	53.30787400, -3.46967690

Location



Annual Average daily flow

Year	Count method	Pedal cycles	Two wheeled motor vehicles	Cars and taxis	Buses and coaches	Light goods vehicles	Heavy goods vehicles	All motor vehicles
2020	Estimated using previous year's AADF on this link	46	37	9462	97	2175	176	11946
2019	Estimated using previous year's AADF on this link	40	49	12457	153	2465	201	15324
2018	Estimated using previous year's AADF on this link	36	53	12302	151	2486	201	15194
2017	Estimated using previous year's AADF on this link	33	53	12439	167	2441	199	15299
	Estimated using							

Site number: 76012

Site details

Region	Wales
Local authority	Denbighshire
Road name	A525
Road classification	'A' road
Managed by	Local authority
Road type	Major
Start junction	A547W
End junction	A547E
Link length	1.70km (1.06 miles)
Easting, northing	302000, 378300
Latitude, longitude	53.29256700, -3.47170190

Location



Annual Average daily flow

Year	Count method	Pedal cycles	Two wheeled motor vehicles	Cars and taxis	Buses and coaches	Light goods vehicles	Heavy goods vehicles	All motor vehicles
2020	Estimated using previous year's AADF on this link	3	84	14177	61	2684	451	17457
2019	Estimated using previous year's AADF on this link	3	113	19413	96	3135	506	23263
2018	Manual count	2	105	19371	97	3146	502	23221
2017	Estimated using previous year's AADF on this link	9	89	16499	86	3177	520	20371
2016	Estimated using previous year's AADF on this link	9	92	16519	88	3002	506	20207

Site number: 50620

Site details

Region	Wales
Local authority	Denbighshire
Road name	A547
Road classification	'A' road
Managed by	Local authority
Road type	Major
Start junction	LA Boundary
End junction	A525
Link length	3.00km (1.86 miles)
Easting, northing	301720, 377751
Latitude, longitude	53.28758200, -3.47573100

Location



Annual Average daily flow

Year	Count method	Pedal cycles	Two wheeled motor vehicles	Cars and taxis	Buses and coaches	Light goods vehicles	Heavy goods vehicles	All motor vehicles
2020	Estimated using previous year's AADF on this link	7	92	8060	23	2351	267	10793
2019	Estimated using previous year's AADF on this link	6	124	11038	36	2747	299	14243
2018	Estimated using previous year's AADF on this link	5	115	11013	37	2756	297	14218
2017	Estimated using previous year's AADF on this link	5	118	11066	39	2632	291	14146
2016	Manual count	5	121	11080	40	2487	284	14011

Site details

Region	Wales
Local authority	Denbighshire
Road name	A525
Road classification	'A' road
Managed by	Local authority
Road type	Major
Start junction	A547W
End junction	A55
Link length	3.40km (2.11 miles)
Easting, northing	302933, 376151
Latitude, longitude	53.27342800, -3.45705230

Location



Annual Average daily flow

Year	Count method	Pedal cycles	Two wheeled motor vehicles	Cars and taxis	Buses and coaches	Light goods vehicles	Heavy goods vehicles	All motor vehicles
2020	Estimated using previous year's AADF on this link	129	53	9695	44	2515	442	12749
2019	Estimated using previous year's AADF on this link	101	71	13277	68	2938	495	16850
2018	Estimated using previous year's AADF on this link	83	66	13247	69	2948	492	16824
2017	Estimated using previous year's AADF on this link	85	68	13311	73	2815	484	16751
	Estimated using							

APPENDIX C

Accident Data

Date: 15-April-2021

Time: 12:10:43

Title: **Awel y Mor on-shore export cable-laying – Rhuddlan Bypass PIA**

Requested output: **P - Print Crash Report**

Date: 15-April-2021

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

There were 11 reported crashes resulting in injury

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - Rhuddlan Bypass PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
1	Road No A525 Grid 301901E Section Ref 377770N	S025881 SLIGHT	23/02/2015	2	08:25	L	Dry	Fine	NONE		GV
	RHUDDLAN, A525 ST ASAPH ROAD, at its Junction with A547 ABERGELE ROAD, MORFA LODGE ROUNABOUT								Denbighshire		
	Veh1 N -> SE Veh2 N -> SE									Casualties 1 Vehicles 2	
2	Road No A525 Grid 302015E Section Ref 378315N	S056864 SLIGHT	22/04/2015	4	09:03	L	Dry	Fine	RD WRKS		
	RHUDDLAN, A525								Denbighshire		
	Veh1 NE -> SW Veh2 NE -> SW									Casualties 1 Vehicles 2	
3	Road No A547 Grid 301850E Section Ref 377743N	U008287 SLIGHT	18/01/2016	2	08:40	L	Dry	Fine	NONE		
	RHUDDLAN, A547 ABERGELE ROAD, at its Junction with A525 ST ASPAH ROAD.								Denbighshire		
	Veh1 W -> E Veh2 W -> E									Casualties 1 Vehicles 2	
4	Road No A547 Grid 301848E Section Ref 377740N	U019968 SLIGHT	10/02/2016	4	12:40	L	Wet/Damp	Fine	NONE		
	RHUDDLAN, A547, MORFA LODGE ROUNABOUT at Junction with A525								Denbighshire		
	Veh1 W -> NE Veh2 W -> NE									Casualties 2 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - Rhuddlan Bypass PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
5	Road No A525 Section	Grid 301885E Ref 377822N	U095430 SLIGHT	29/06/2016	4	14:40	L	Wet/Damp	Fine	NONE	
	RHUDDLAN, A525, RHUDDLAN BYPASS, at its Junction with A547 ABERGELE ROAD.									Denbighshire	
	Veh1 N -> S Veh2 N -> S Veh3 N -> S									Casualties 3 Vehicles 3	
6	Road No A525 Section	Grid 302023E Ref 378334N	U145582 FATAL	24/09/2016	7	04:28	DRK NSL	Wet/Damp	Fine	NONE	S.VEH
	RHUDDLAN, A525 RHUDDLAN BY PASS.									Denbighshire	PED
	Veh1 NE -> SW									Casualties 1 Vehicles 1	
7	Road No A525 Section	Grid 301891E Ref 377921N	V059334 SLIGHT	26/04/2017	4	22:15	DRK NSL	Dry	Fine	NONE	S.VEH
	RHUDDLAN, A525, 100 metres north of A547,									Denbighshire	
	Veh1 NE -> S									Casualties 1 Vehicles 1	
8	Road No A525 Section	Grid 301894E Ref 377770N	V157950 SLIGHT	17/10/2017	3	12:38	L	Dry	Fine	NONE	
	RHUDDLAN, A547 ABERGELE ROAD, at its Junction with A525 AT MORFA LODGE ROUNDABOUT,									Denbighshire	
	Veh1 N -> S Veh2 N -> S									Casualties 1 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - Rhuddlan Bypass PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
9	Road No A547 Section Grid 301847E Ref 377739N	V170089 SLIGHT	09/11/2017	5	15:24	L	Dry	Fine	NONE		
	RHUDDLAN, A547, at its Junction with A525, MORFA LODGE ROUNDABOUT.								Denbighshire		
	Veh1 W -> E Veh2 W -> E									Casualties 1 Vehicles 2	
10	Road No A525 Section Grid 301868E Ref 377758N	V176834 SLIGHT	22/11/2017	4	16:10	DRK STL	Wet/Damp	Rain	NONE		
	RHUDDLAN, A525, MORFA LODGE ROUNDABOUT, ST ASAPH ROAD, at its Junction with A547 ABERGELE ROAD								Denbighshire		
	Veh1 SE -> NE Veh2 SE -> NE									Casualties 1 Vehicles 2	
11	Road No A525 Section Grid 302297E Ref 378984N	X076858 SLIGHT	03/06/2019	2	16:45	L	Dry	Fine	RD WRKS		
	RHUDDLAN, A525 RHUDDLAN BYPASS.								Denbighshire		
	Veh1 NE -> SW Veh2 NE -> SW Veh3 NE -> SW									Casualties 2 Vehicles 3	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

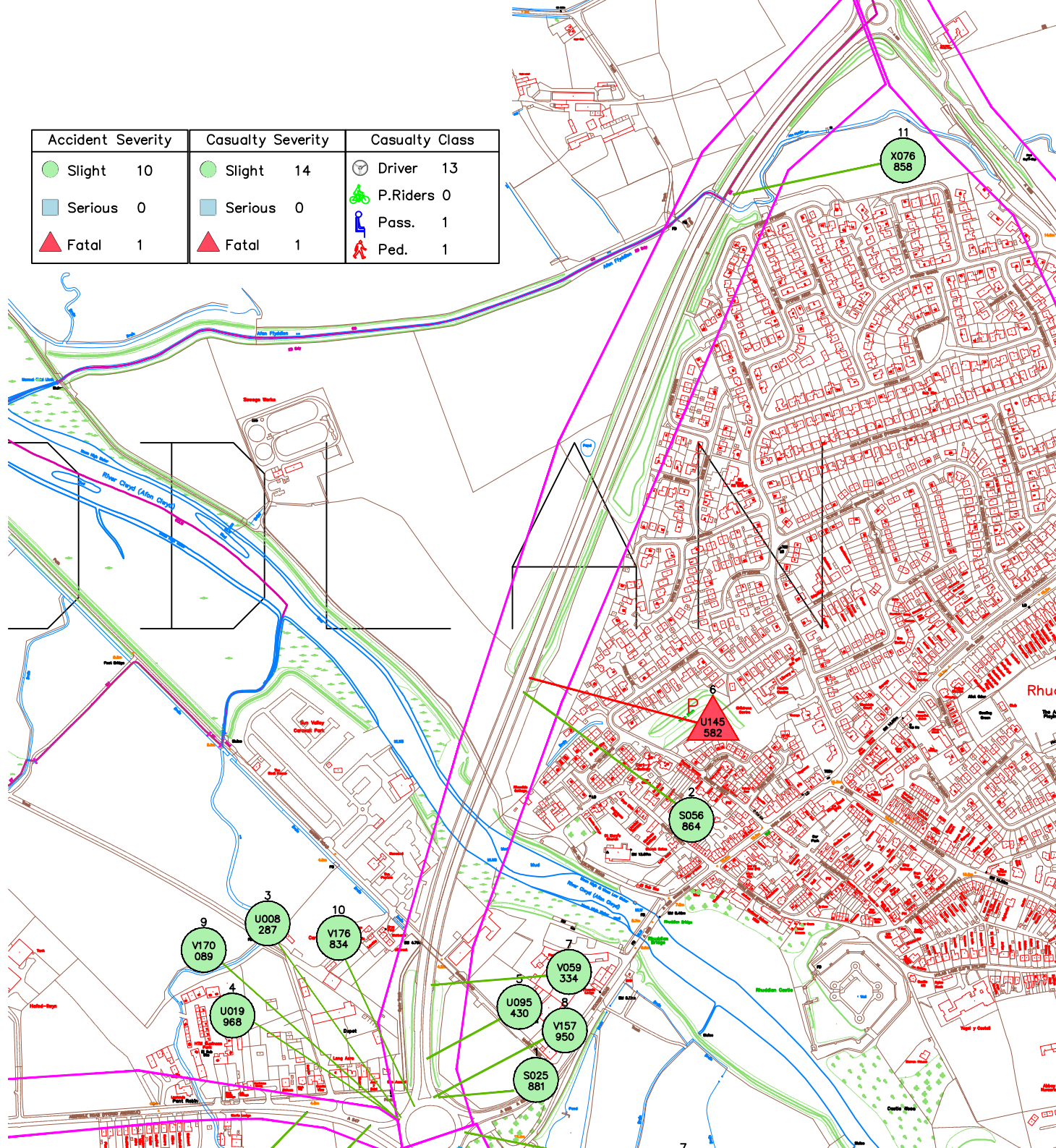
FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

Accident Severity		Casualty Severity		Casualty Class	
●	Slight 10	●	Slight 14	⦿	Driver 13
■	Serious 0	■	Serious 0	🚲	P.Riders 0
▲	Fatal 1	▲	Fatal 1	🚶	Pass. 1
				🚶	Ped. 1



Date: 15-April-2021

Time: 12:37:02

Title: **Awel y Mor on-shore export cable-laying - S3A Section E PIA**

Requested output: **P - Print Crash Report**

Date: 15-April-2021

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

There were 5 reported crashes resulting in injury

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - S3A Section E PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
1	Road No A547 Grid 300528E Section Ref 377680N	V116580 SLIGHT	02/08/2017	4	17:45	L	Dry	Fine	NONE		
	RHUDDLAN, A547 ABERGELE ROAD,								Denbighshire		
	Veh1 E -> W Veh2 E -> W Veh3 E -> W									Casualties 1 Vehicles 3	
2	Road No A547 Grid 301175E Section Ref 377725N	V176854 SLIGHT	22/11/2017	4	17:11	DRK NSL	Wet/Damp	Rain	NONE		
	RHUDDLAN, A547 ABERGELE ROAD, west of A525 ST ASAPH ROAD,								Denbighshire		
	Veh1 W -> E Veh2 E -> W Veh3 E -> W Veh4 W -> E Veh5 W -> E Veh6 W -> E									Casualties 4 Vehicles 6	
3	Road No A547 Grid 301724E Section Ref 377750N	W076921 SLIGHT	09/06/2018	7	13:11	L	Dry	Fine	NONE		
	RHUDDLAN, A547 ABERGELE ROAD,								Denbighshire		
	Veh1 E -> E Veh2 W -> E									Casualties 1 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - S3A Section E PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location		Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
4	Road No A547 Section	Grid 300220E Ref 377659N	X027405 SERIOUS	27/02/2019	4	09:30	L	Dry	Fine	NONE	R.TURN	
	RHUDDLAN, A547 ABERGELE ROAD, at its Junction with Unclassified Road BOB FRANCIS CRANE HIRE,									Denbighshire		
	Veh1 W -> E Veh2 W -> E										Casualties 1 Vehicles 2	
5	Road No A547 Section	Grid 301809E Ref 377732N	X080508 SLIGHT	10/06/2019	2	16:15	L	Dry	Fine	NONE		
	RHUDDLAN, A547 ABERGELE ROAD, at its Junction with A525 MORFA LODGE ROUNDABOUT,									Denbighshire		
	Veh1 W -> E Veh2 W -> E										Casualties 2 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight

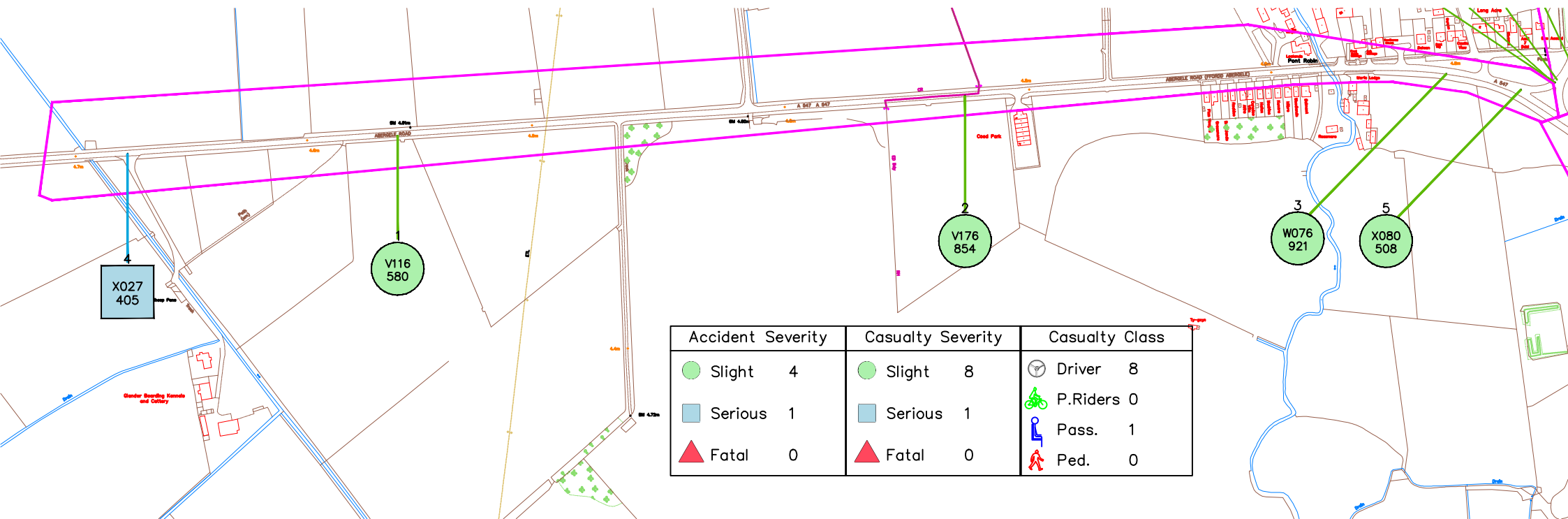
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective



Date: 15-April-2021

Time: 12:33:56

Title: **Awel y Mor on-shore export cable-laying - S3B PIA**

Requested output: **P - Print Crash Report**

Date: 15-April-2021

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

There was 1 reported crash resulting in injury

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - S3B PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
1	Road No U Section Grid 301863E Ref 376900N	W159603 SERIOUS	08/11/2018	5	13:33	L	Wet/Damp	Rain	NONE	S.VEH	
	RHUDDLAN, Unclassified Road BETWEEN A525 AND BODELWYDDAN at PENGWERN HALL COLLEGE,								Denbighshire		
	Veh1 NE -> SW									Casualties	1
										Vehicles	1

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

Date: 15-April-2021

Time: 13:09:56

Title: **Awel y Mor on-shore export cable-laying - A525 Btwn Rhuddlan and St.Asaph PIA**

Requested output: **P - Print Crash Report**

Date: 15-April-2021

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

There were 14 reported crashes resulting in injury

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - A525 Btwn Rhuddlan and St.Asaph PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
1	Road No A525 Section	Grid 303151E Ref 374841N	S084772 SLIGHT	12/06/2015	6	08:20	L	Dry	Fine	NONE	
	ST.ASAPH, A525, THE ROE at THE TALARDY HOTEL.									Denbighshire	
	Veh1 S -> N Veh2 S -> N									Casualties 1 Vehicles 2	
2	Road No A525 Section	Grid 302864E Ref 376226N	S166225 SLIGHT	30/10/2015	6	07:15	DRK STL	Wet/Damp	Rain	NONE	
	RHUDDLAN, A525 ST ASAPH ROAD.									Denbighshire	
	Veh1 SE -> NW Veh2 P -> P									Casualties 1 Vehicles 2	
3	Road No A525 Section	Grid 302967E Ref 376049N	S180690 SLIGHT	25/11/2015	4	16:54	DRK NSL	Wet/Damp	Rain	NONE	
	RHUDDLAN, A525 ST ASAPH ROAD.									Denbighshire	
	Veh1 N -> S Veh2 S -> N Veh3 S -> N									Casualties 2 Vehicles 3	
4	Road No A525 Section	Grid 302869E Ref 376232N	U136030 SERIOUS	07/09/2016	4	15:59	L	Dry	Fine	NONE	M/C
	RHUDDLAN, A525, ST ASAPH ROAD.									Denbighshire	
	Veh1 SE -> NW Veh2 NW -> SE									Casualties 1 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - A525 Btwn Rhuddlan and St.Asaph PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
5	Road No A525 Section	Grid 302184E Ref 377209N	U160483 SERIOUS	21/10/2016	6	20:25	DRK STL	Dry	Fine	NONE	M/C
	RHUDDLAN, A525, ST ASAPH ROAD, 50 metres southeast of SARN LANE.									Denbighshire	
	Veh1 SE -> NW Veh2 SE -> NW									Casualties 1 Vehicles 2	
6	Road No A525 Section	Grid 302504E Ref 376578N	U178220 SLIGHT	25/11/2016	6	14:00	L	Dry	Fine	NONE	O/TAKE
	ST ASAPH, A525 ST ASAPH ROAD									Denbighshire	
	Veh1 SE -> NW Veh2 SE -> NW									Casualties 2 Vehicles 2	
7	Road No U Section	Grid 301936E Ref 377723N	V114789 SLIGHT	30/07/2017	1	12:30	L	Dry	Fine	NONE	
	RHUDDLAN, Unclassified Road STATION ROAD, at its Junction with A525,									Denbighshire	
	Veh1 NE -> S Veh2 NE -> S									Casualties 1 Vehicles 2	
8	Road No A525 Section	Grid 303112E Ref 374926N	V128710 SLIGHT	23/08/2017	4	17:20	L	Dry	Fine	NONE	S.VEH
	ST ASAPH, A525, THE ROE, PARC TALARDY.									Denbighshire	PED
	Veh1 SE -> NW									Casualties 1 Vehicles 1	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - A525 Btwn Rhuddlan and St.Asaph PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
9	Road No A525 Section	Grid 303110E Ref 374956N	V173615 SLIGHT	16/11/2017	5	13:00	L	Wet/Damp	Fine	NONE	
	ST ASAPH, A525 THE ROE,									Denbighshire	
	Veh1 NW -> SE Veh2 NW -> SE									Casualties 1 Vehicles 2	
10	Road No A525 Section	Grid 301891E Ref 377680N	W006204 SLIGHT	17/01/2018	4	12:00	L	Dry	Fine	NONE	
	RHUDDLAN, A525, at its Junction with A547 ROUNDABOUT,									Denbighshire	
	Veh1 SE -> NW Veh2 SE -> NW									Casualties 2 Vehicles 2	
11	Road No A525 Section	Grid 301928E Ref 377703N	W027308 SERIOUS	04/03/2018	1	17:40	L	Wet/Damp	Fine	NONE	HGV
	RHUDDLAN, A525, Roundabout at its Junction with Unc.Rd. Station Road.									Denbighshire	
	Veh1 N -> SE Veh2 N -> SE									Casualties 1 Vehicles 2	
12	Road No A525 Section	Grid 303192E Ref 374810N	W166128 SLIGHT	21/11/2018	4	10:45	L	Dry	Fine	NONE	GV
	ST ASAPH, A525, THE ROE, at its Junction with A55 ROUNDABOUT J27									Denbighshire	
	Veh1 NW -> SE Veh2 NW -> SE									Casualties 1 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - A525 Btwn Rhuddlan and St.Asaph PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
13	Road No A525 Grid 302444E Section Ref 376738N	X003500 SLIGHT	08/01/2019	3	12:39	L	Dry	Fine	NONE	O/TAKE	
	RHUDDLAN, A525 at BRYN GWYN FARM,								Denbighshire		
	Veh1 NW -> SE Veh2 NW -> SE									Casualties 2 Vehicles 2	
14	Road No A525 Grid 302906E Section Ref 376208N	X119563 SLIGHT	18/08/2019	1	14:16	L	Dry	Fine	NONE	S.VEH	
	ST ASAPH, A525, ST ASAPH ROAD SOUTHBOUND, at its Junction with Unclassified Road WEIGHBRIDGE LAY BY,								Denbighshire		
	Veh1 NW -> SE									Casualties 1 Vehicles 1	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

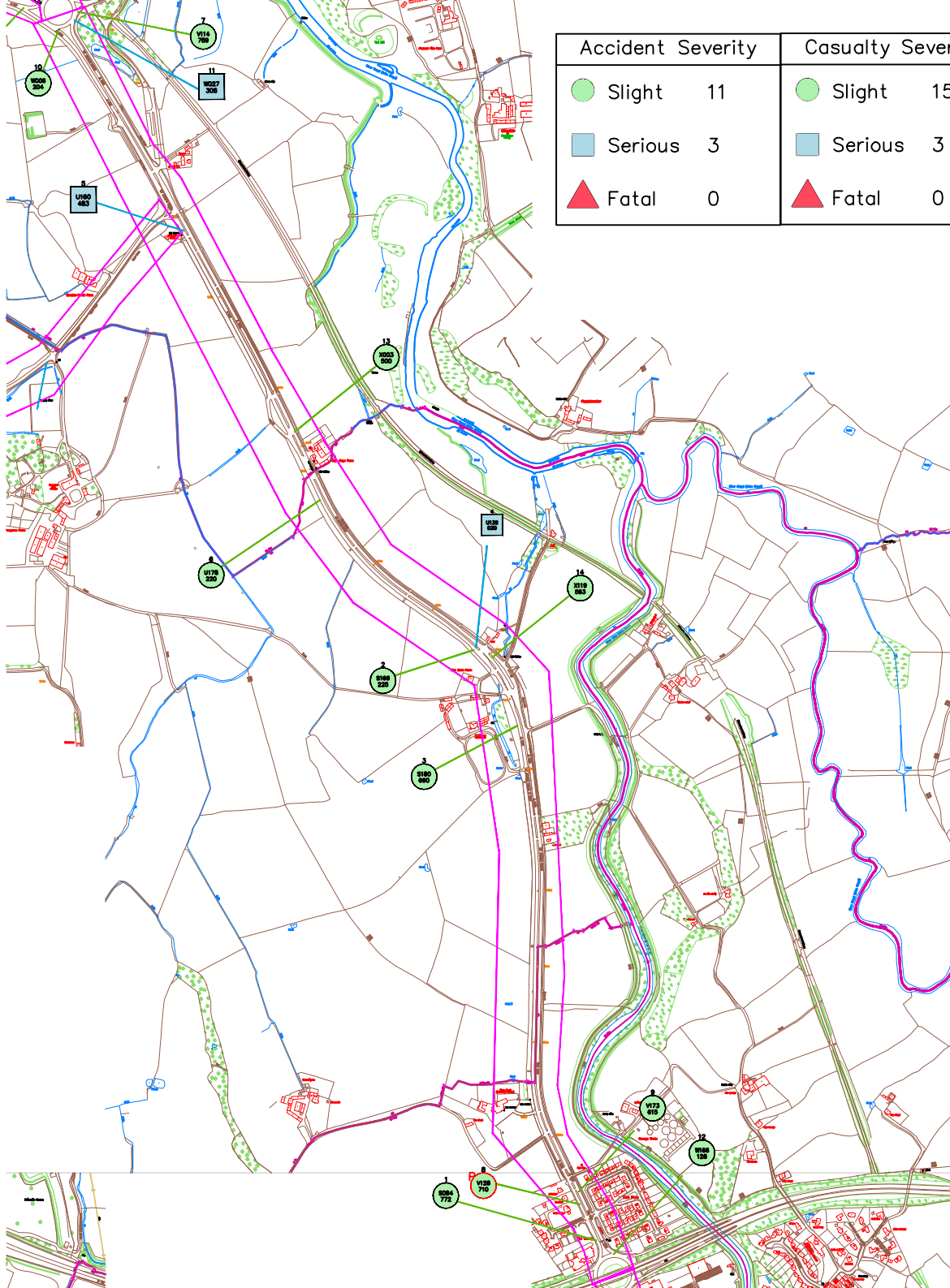
L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective



Accident Severity		Casualty Severity		Casualty Class	
	Slight 11		Slight 15		Driver 13
	Serious 3		Serious 3		P.Riders 0
	Fatal 0		Fatal 0		Pass. 4
					Ped. 1

Date: 15-April-2021

Time: 14:38:47

Title: **Awel y Mor on-shore export cable-laying - A525 South of A55 and B5381 PIA**

Requested output: **P - Print Crash Report**

Date: 15-April-2021

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

There were 8 reported crashes resulting in injury

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - A525 South of A55 and B5381 PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location		Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
1	Road No A525 Section	Grid 303234E Ref 374659N	S035857 SLIGHT	14/03/2015	7	13:20	L	Dry	Fine	NONE	O/TAKE R.TURN	GV
	ST.ASAPH, A525 THE ROE, 15 metres north of Unclassified Road ERW LAN.									Denbighshire		
	Veh1 S -> N Veh2 W -> S Veh3 S -> N										Casualties Vehicles	1 3
2	Road No A525 Section	Grid 303316E Ref 374514N	S045208 SLIGHT	01/04/2015	4	12:36	L	Wet/Damp	Rain	NONE		
	ST.ASAPH, A525, THE ROE at House Name THE SWAN INN, at its Junction with Unclassified Road ELWY CRESCENT.									Denbighshire		
	Veh1 NW -> SE Veh2 P -> P										Casualties Vehicles	1 2
3	Road No A525 Section	Grid 303222E Ref 374684N	U020389 SLIGHT	11/02/2016	5	09:30	L	Wet/Damp	Fine	NONE		
	ST.ASAPH, A525 THE ROE, at its Junction with Unclassified Road FILLING STATION.									Denbighshire		
	Veh1 SE -> NW Veh2 SE -> NW										Casualties Vehicles	1 2
4	Road No A525 Section	Grid 303198E Ref 374713N	V104671 SLIGHT	13/07/2017	5	08:20	L	Dry	Fine	NONE		
	ST ASAPH, A525, THE ROE, at its Junction with A55 ROUNDABOUT.									Denbighshire		
	Veh1 SE -> NW Veh2 SE -> NW										Casualties Vehicles	1 2

Key

Involved
PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight

STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - A525 South of A55 and B5381 PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
5	Road No A525 Section	Grid 303233E Ref 374675N	W062816 SERIOUS	14/05/2018	2	10:30	L	Dry	Fine	NONE	P/C
	ST ASAPH, A525, THE ROE,									Denbighshire	
	Veh1 P -> P Veh2 NW -> SE									Casualties 1 Vehicles 2	
6	Road No A525 Section	Grid 303351E Ref 374433N	W145960 SLIGHT	12/10/2018	6	21:03	DRK STL	Wet/Damp	Rain	NONE	
	ST ASAPH, A525 THE ROE at House Name HAFOD,									Denbighshire	
	Veh1 NW -> SE Veh2 SE -> NW									Casualties 1 Vehicles 2	
7	Road No A525 Section	Grid 303197E Ref 374714N	W176362 SERIOUS	12/12/2018	4	08:05	L	Dry	Fine	NONE	P/C
	ST ASAPH, A525, THE ROE, at its Junction with Unclassified Road ROUNDABOUT WESTBOUND ON SLIP,									Denbighshire	
	Veh1 SE -> NW Veh2 NE -> W									Casualties 1 Vehicles 2	
8	Road No U Section	Grid 301585E Ref 374532N	W180146 SERIOUS	19/12/2018	4	16:02	DRK STL	Wet/Damp	Rain	NONE	
	ST ASAPH, Unclassified Road FFORDD WILLIAM MORGAN, at its Junction with Unclassified Road FFORDD SALESBURY,									Denbighshire	PED
	Veh1 S -> N Veh2 W -> N									Casualties 1 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

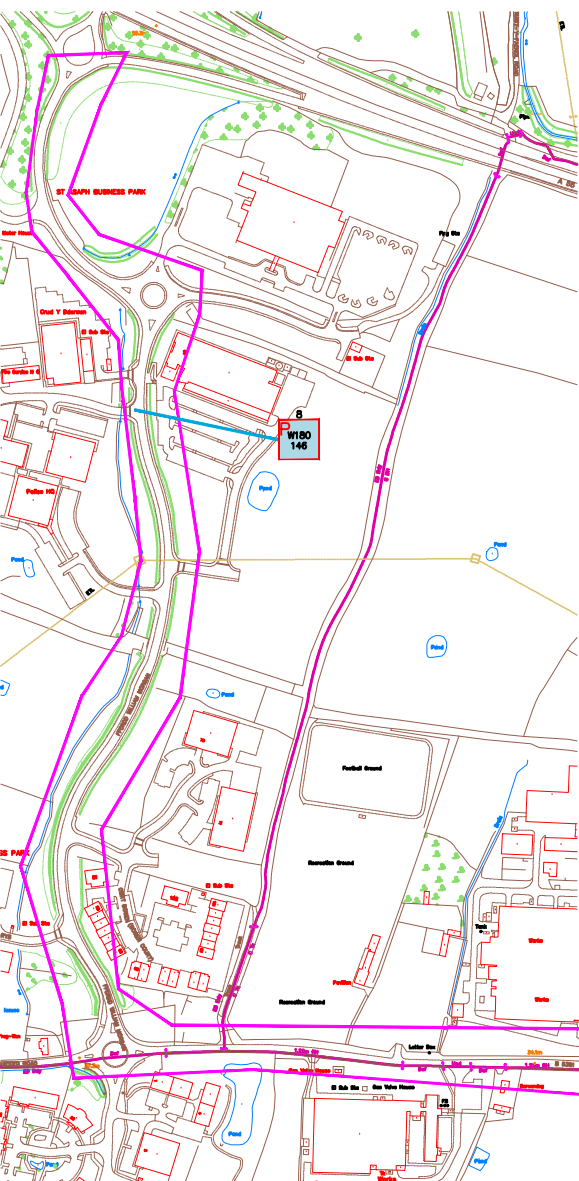
L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

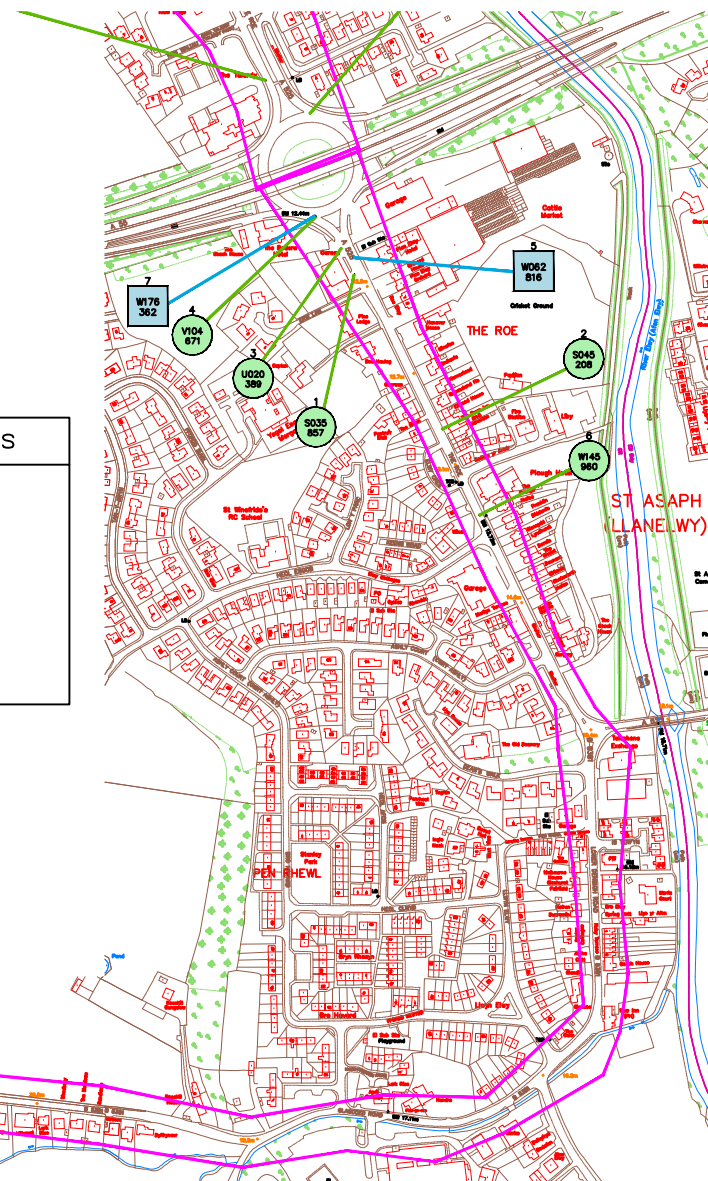
R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective



Accident Severity		Casualty Severity		Casualty Class	
● Slight	5	● Slight	5	🚗 Driver	3
■ Serious	3	■ Serious	3	🚲 P.Riders	2
▲ Fatal	0	▲ Fatal	0	🚶 Pass.	2
				🚶 Ped.	1



Date: 14-April-2021

Time: 10:34:36

Title: **Awel y Mor on-shore export cable-laying - LF1 PIA Details**

Requested output: **P - Print Crash Report**

Date: 14-April-2021

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

There were 24 reported crashes resulting in injury

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1 PIA Details

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
1	Road No A548 Section Grid 301576E Ref 382042N	S030648 SLIGHT	04/03/2015	4	16:25	L	Dry	Fine	NONE		P/C
	RHYL, A548, RUSSELL ROAD, at its Junction with Unclassified Road GROSVENOR ROAD.								Denbighshire		PED
	Veh1 NW -> SE Veh2 SW -> NE									Casualties	1
										Vehicles	2
2	Road No A548 Section Grid 302497E Ref 382208N	S105414 SLIGHT	16/07/2015	5	09:37	L	Dry	Fine	NONE	R.TURN	PSV
	RHYL, A548 RHYL COAST ROAD, at its Junction with Unclassified Road GARFORD ROAD.								Denbighshire		
	Veh1 E -> W Veh2 E -> W									Casualties	3
										Vehicles	2
3	Road No A548 Section Grid 302063E Ref 382114N	S179302 SLIGHT	22/11/2015	1	17:59	DRK STL	Wet/Damp	Fine Wind	NONE	R.TURN	M/C
	RHYL, A548 RHYL COAST ROAD, at its Junction with Unclassified Road TYNEWYDD ROAD.								Denbighshire		
	Veh1 W -> S Veh2 S -> N									Casualties	1
										Vehicles	2
4	Road No A548 Section Grid 301244E Ref 381832N	U027642 SLIGHT	25/02/2016	5	18:00	DRK STL	Dry	Fine	NONE	S.VEH	
	RHYL, A548, RUSSELL ROAD, at its Junction with Unclassified Road CHURTON ROAD.								Denbighshire		PED
	Veh1 NE -> SW									Casualties	1
										Vehicles	1

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1 PIA Details

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
5	Road No A548 Section	Grid 301073E Ref 381649N	U103375 FATAL	14/07/2016	5	16:45	L	Dry	Fine	NONE	
	RHYL, A548 RUSSELL ROAD at House Number 61, at its Junction with Unclassified Road DRIVEWAY.									Denbighshire	PED
	Veh1 SW -> NE Veh2 P -> P									Casualties 3 Vehicles 2	
6	Road No A548 Section	Grid 303359E Ref 382397N	U117562 SLIGHT	07/08/2016	1	17:50	L	Dry	Fine Wind	NONE	
	RHYL, A548, COAST ROAD.									Denbighshire	
	Veh1 W -> E Veh2 W -> E Veh3 W -> E									Casualties 2 Vehicles 3	
7	Road No A548 Section	Grid 301087E Ref 381670N	U137004 SLIGHT	09/09/2016	6	11:00	L	Dry	Fine	NONE	
	RHYL, A548 RUSSELL ROAD, at its Junction with Unclassified Road FAIRFIELD AVENUE.									Denbighshire	PSV
	Veh1 NW -> SE Veh2 SW -> NE									Casualties 3 Vehicles 2	
8	Road No A548 Section	Grid 301317E Ref 381873N	U184742 SERIOUS	09/12/2016	6	00:41	DRK STL	Wet/Damp	Fine	NONE	
	RHYL, A548, RUSSELL ROAD at House Name DOLANOG.									Denbighshire	S.VEH M/C
	Veh1 SW -> NE									Casualties 1 Vehicles 1	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1 PIA Details

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
9	Road No A548 Grid 302814E Section Ref 382281N	V053209 SERIOUS	15/04/2017	7	16:03	L	Dry	Fine	NONE		
	RHYL, A548 RHYL COAST ROAD, 20 metres west of Unclassified Road ENTRANCE TO ROBIN HOOD CAMP,								Denbighshire		
	Veh1 W -> E Veh2 W -> E									Casualties 3 Vehicles 2	
10	Road No A548 Grid 302063E Section Ref 382110N	V065171 SLIGHT	07/05/2017	1	11:28	L	Dry	Fine	NONE	S.VEH	
	RHYL, A548, COAST ROAD, at its Junction with B5118, TY NEWYDD ROAD,								Denbighshire		
	Veh1 S -> N									Casualties 1 Vehicles 1	
11	Road No A548 Grid 301199E Section Ref 381787N	V079182 SERIOUS	31/05/2017	4	13:00	L	Dry	Fine	NONE	S.VEH	
	RHYL, A548 RUSSELL ROAD, at its Junction with Unclassified Road CHESTER STREET,								Denbighshire		
	Veh1 NW -> SE									Casualties 1 Vehicles 1	
12	Road No A548 Grid 302063E Section Ref 382112N	V109902 SLIGHT	21/07/2017	6	20:55	L	Dry	Fine	NONE	R.TURN	
	RHYL, A548 RHYL COAST ROAD at House Name WESTON COURT, at its Junction with B5118 TY NEWYDD ROAD,								Denbighshire		
	Veh1 W -> S Veh2 E -> W									Casualties 3 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1 PIA Details

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
13	Road No A548 Section Grid 303376E Ref 382398N	V141937 SLIGHT	17/09/2017	1	03:00	DRK STL	Dry	Fine	NONE	S.VEH	
	RHYL, A548 RHYL COAST ROAD at House Name LYONS ROBIN HOOD CAMP,								Denbighshire		PED
	Veh1 E -> W									Casualties	1
										Vehicles	1
14	Road No A548 Section Grid 301427E Ref 381933N	V166654 SLIGHT	02/11/2017	5	19:00	DRK STL	Wet/Damp	Fine	NONE	R.TURN	M/C
	RHYL, A548 RUSSELL ROAD, at its Junction with Unclassified Road BEECHWOOD ROAD.								Denbighshire		
	Veh1 NW -> SW									Casualties	1
	Veh2 SW -> NE									Vehicles	2
15	Road No U Section Grid 301258E Ref 381813N	V169907 SLIGHT	09/11/2017	5	09:00	L	Wet/Damp	Fine	NONE		
	RHYL, Unclassified Road CHURTON ROAD, at its Junction with A548 RUSSELL ROAD.								Denbighshire		
	Veh1 SE -> NW									Casualties	1
	Veh2 SE -> NW									Vehicles	2
16	Road No A548 Section Grid 301058E Ref 381620N	V181556 SLIGHT	01/12/2017	6	19:02	DRK STL	Frost/Ice	Fine	NONE	S.VEH	
	RHYL, A548 RUSSELL ROAD,								Denbighshire		PED
	Veh1 SW -> NE									Casualties	1
										Vehicles	1

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1 PIA Details

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
17	Road No A548 Section Grid 301564E Ref 382032N	W047716 SLIGHT	15/04/2018	1	01:08	DRK STL	Dry	Fine	NONE		
	RHYL, A548 RUSSELL ROAD, at its Junction with Unclassified Road GROSVENOR ROAD,									Denbighshire	
	Veh1 E -> SW Veh2 SW -> E									Casualties 2 Vehicles 2	
18	Road No A548 Section Grid 301504E Ref 381984N	W053023 SLIGHT	25/04/2018	4	18:20	L	Dry	Fine	NONE		
	RHYL, A548 RUSSELL ROAD, at its Junction with Unclassified Road ALEXANDRA ROAD,									Denbighshire	
	Veh1 NW -> SE Veh2 NE -> SW									Casualties 1 Vehicles 2	
19	Road No A548 Section Grid 303367E Ref 382397N	W083008 SLIGHT	20/06/2018	4	17:50	L	Dry	Fine	NONE		
	RHYL, A548 COAST ROAD, at its Junction with Unclassified Road ENTRANCE TO ROBIN HOOD CAMP,									Denbighshire	
	Veh1 W -> E Veh2 W -> E									Casualties 3 Vehicles 2	
20	Road No A548 Section Grid 303392E Ref 382397N	W108539 SLIGHT	02/08/2018	5	21:16	L	Dry	Fine	NONE	S.VEH	
	RHYL, A548 RHYL COAST ROAD at House Name ROBIN HOOD CARAVAN PARK,									Denbighshire	
	Veh1 E -> W									Casualties 2 Vehicles 1	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1 PIA Details

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
21	Road No A548 Grid 302473E Section Ref 382201N	W112310 SLIGHT	09/08/2018	5	15:58	L	Dry	Fine	NONE		
	RHYL, A548, COAST ROAD, at its Junction with Unclassified Road EASTVILLE AVENUE								Denbighshire		
	Veh1 E -> W Veh2 E -> W Veh3 E -> W									Casualties 2 Vehicles 3	
22	Road No A548 Grid 302064E Section Ref 382118N	W139745 SERIOUS	30/09/2018	1	21:35	DRK STL	Wet/Damp	Fine	NONE	R.TURN	M/C
	RHYL, A548 COAST ROAD, at its Junction with B5118 TYNEWYDD ROAD,								Denbighshire		
	Veh1 E -> N Veh2 W -> E									Casualties 3 Vehicles 2	
23	Road No A548 Grid 302123E Section Ref 382124N	W147457 SLIGHT	15/10/2018	2	17:40	L	Dry	Fine	NONE		
	RHYL, A548, COAST ROAD at SPAR,								Denbighshire		
	Veh1 N -> S Veh2 E -> W									Casualties 1 Vehicles 2	
24	Road No A548 Grid 301021E Section Ref 381569N	X171687 SERIOUS	27/11/2019	4	18:15	DRK STL	Wet/Damp	Other	NONE	S.VEH	
	RHYL, A548, RUSSELL ROAD at House Number 51, at its Junction with Unclassified Road BATH STREET,								Denbighshire		PED
	Veh1 W -> E									Casualties 1 Vehicles 1	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

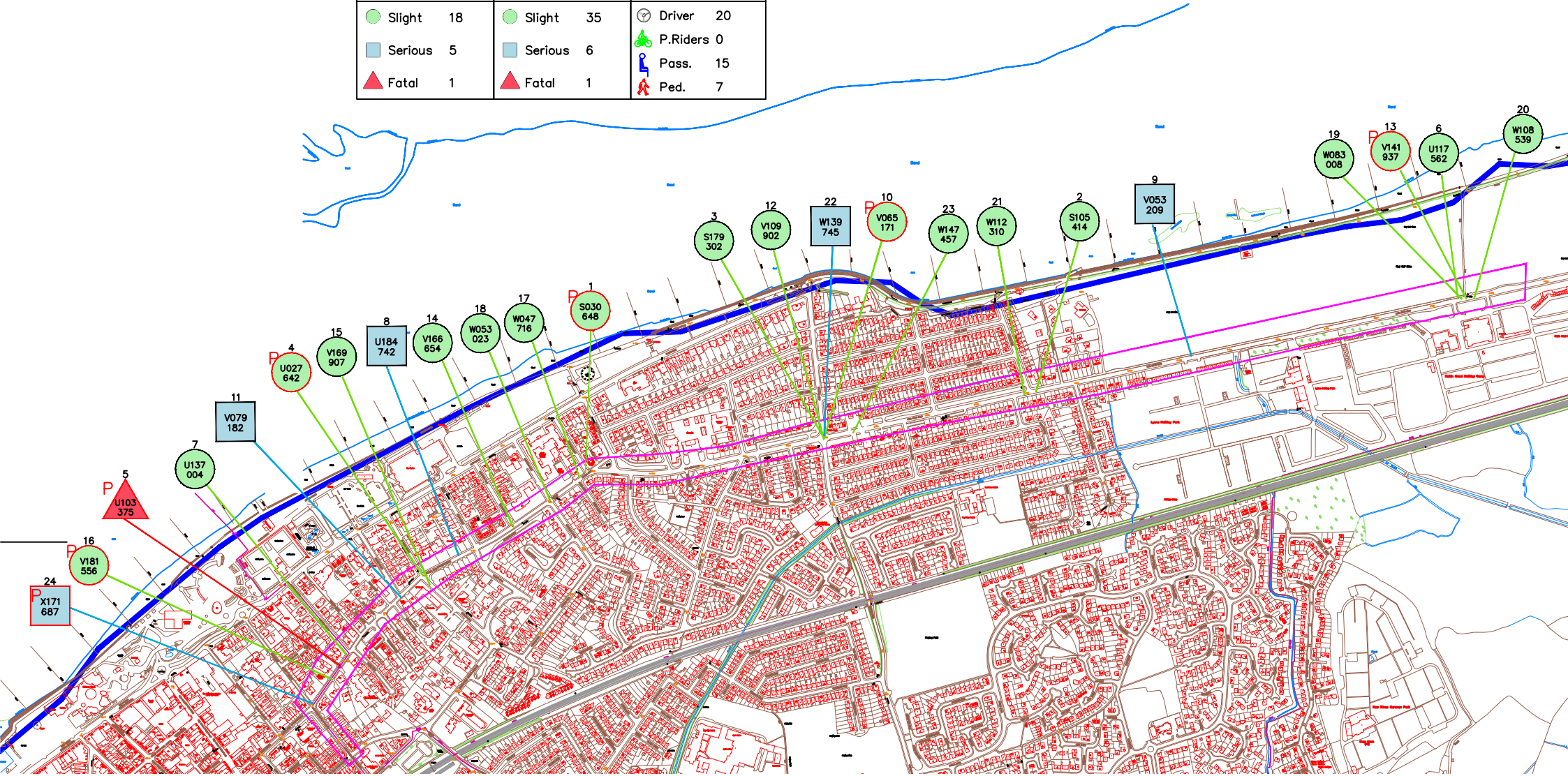
FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

Accident Severity		Casualty Severity		Casualty Class	
● Slight	18	● Slight	35	🚗 Driver	20
■ Serious	5	■ Serious	6	🚲 P.Riders	0
▲ Fatal	1	▲ Fatal	1	👤 Pass.	15
				🚶 Ped.	7



Date: 15-April-2021

Time: 11:00:38

Title: **Awel y Mor on-shore export cable-laying – LF1,LF2A, S1A, S1C,S2 Section D PIA**

Requested output: **P - Print Crash Report**

Date: 15-April-2021

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

There were 58 reported crashes resulting in injury

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
1	Road No A525 Section	Grid 301115E Ref 381159N	S008212 SLIGHT	17/01/2015	7	21:50	DRK STL	Dry	Fine	NONE	
	RHYL, A525 VALE ROAD, at its Junction with Unclassified Road MARSH ROAD.									Denbighshire	
	Veh1 SE -> NW Veh2 SE -> NW									Casualties 1 Vehicles 2	
2	Road No A525 Section	Grid 300996E Ref 381265N	S012534 SLIGHT	24/01/2015	7	13:00	L	Dry	Other	NONE	
	RHYL, A525, VALE ROAD BRIDGE.									Denbighshire	
	Veh1 NW -> SE Veh2 NW -> SE									Casualties 1 Vehicles 2	
3	Road No U Section	Grid 301044E Ref 381409N	S019554 SERIOUS	09/02/2015	2	17:00	DRK STL	Dry	Fine	NONE	S.VEH
	RHYL, Unclassified Road THORPE STREET, at its Junction with A548 BRIGHTON ROAD.									Denbighshire	PED
	Veh1 NE -> SE									Casualties 1 Vehicles 1	
4	Road No A547 Section	Grid 305600E Ref 380142N	S022973 SLIGHT	17/02/2015	3	10:57	L	Dry	Fine	NONE	R.TURN
	DYSERTH, A547, FFORDD TALARGOCH, at its Junction with B5119 AND Unclassified Road ALLT Y GRAIG.									Denbighshire	
	Veh1 S -> E Veh2 NE -> S									Casualties 2 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location		Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
5	Road No A525 Section	Grid 301367E Ref 381050N	S030167 SERIOUS	03/03/2015	3	16:30	L	Dry	Fine	NONE		
	RHYL, A525 VALE ROAD, at its Junction with Unclassified Road PRINCE EDWARD AVENUE.									Denbighshire		PED
	Veh1 W -> E Veh2 W -> E Veh3 W -> E Veh4 W -> E										Casualties 6 Vehicles 4	
6	Road No A548 Section	Grid 300940E Ref 381330N	S032918 SLIGHT	08/03/2015	1	15:20	L	Dry	Fine	NONE	R.TURN	P/C
	RHYL, A548 BRIGHTON ROAD, at its Junction with A525 VALE ROAD.									Denbighshire		
	Veh1 SE -> NE Veh2 NE -> SW										Casualties 1 Vehicles 2	
7	Road No U Section	Grid 302187E Ref 380053N	S068000 SLIGHT	13/05/2015	4	08:52	L	Dry	Fine	NONE	S.VEH	
	RHYL, Unclassified Road THE BOULEVARD, at its Junction with A525 RHUDDLAN ROAD.									Denbighshire		PED
	Veh1 NE -> SW										Casualties 1 Vehicles 1	
8	Road No A525 Section	Grid 301381E Ref 381040N	S073012 SLIGHT	22/05/2015	6	13:25	L	Dry	Fine	NONE		
	RHYL, A525 VALE ROAD, at its Junction with Unclassified Road VICTORIA ROAD.									Denbighshire		
	Veh1 SE -> NW Veh2 SE -> NW										Casualties 1 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight

STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
9	Road No A548 Grid 300966E Section Ref 381354N	S117599 SLIGHT	05/08/2015	4	16:43	L	Dry	Fine	NONE		PSV
	RHYL, A548 BRIGHTON ROAD, 10 metres northeast of A525 HIGH STREET.								Denbighshire		
	Veh1 NE -> SW Veh2 NE -> SW Veh3 NE -> SW									Casualties 3 Vehicles 3	
10	Road No A525 Grid 301281E Section Ref 381072N	S117881 SLIGHT	05/08/2015	4	19:45	L	Dry	Fine	NONE		P/C PSV
	RHYL, A525 VALE ROAD, 15 metres east of Unclassified Road WILLIAMS STREET.								Denbighshire		
	Veh1 E -> W Veh2 E -> W									Casualties 1 Vehicles 2	
11	Road No A525 Grid 301467E Section Ref 381001N	S142025 SLIGHT	16/09/2015	4	17:00	L	Dry	Fine	NONE	R.TURN	P/C
	RHYL, A525 VALE ROAD, at its Junction with Unclassified Road WESTFIELD AVENUE.								Denbighshire		
	Veh1 NW -> SE Veh2 SE -> NE									Casualties 1 Vehicles 2	
12	Road No U Grid 302245E Section Ref 379722N	S187033 SLIGHT	07/12/2015	2	17:50	DRK STL	Wet/Damp	Fine	NONE	S.VEH	
	RHYL, Unclassified Road FFORDD DERWEN, at its Junction with A525 BRYN CWNIN ROUNDABOUT.								Denbighshire		PED
	Veh1 SE -> SW									Casualties 1 Vehicles 1	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
13	Road No A525 Section	Grid 301377E Ref 381040N	S195331 SLIGHT	23/12/2015	4	10:00	L	Wet/Damp	Fine	NONE	
	RHYL, A525 VALE ROAD, at its Junction with Unclassified Road PRINCE EDWARD AVENUE,									Denbighshire	
	Veh1 SE -> NW Veh2 NE -> SW									Casualties 2 Vehicles 2	
14	Road No A525 Section	Grid 300940E Ref 381331N	U003222 SLIGHT	07/01/2016	5	20:47	DRK STL	Dry	Fine	NONE	
	RHYL, A525 VALE ROAD, at its Junction with A548 BRIGHTON ROAD,									Denbighshire	
	Veh1 NW -> SE Veh2 NE -> SW									Casualties 1 Vehicles 2	
15	Road No A547 Section	Grid 304045E Ref 379137N	U004754 SLIGHT	11/01/2016	2	07:07	DRK NSL	Frost/Ice	Other	NONE	GV
	RHUDDLAN, A547									Denbighshire	
	Veh1 NE -> SW Veh2 NE -> SW Veh3 NE -> SW Veh4 SW -> NE									Casualties 2 Vehicles 4	
16	Road No A525 Section	Grid 300933E Ref 381329N	U008198 SLIGHT	17/01/2016	1	23:05	DRK STL	Dry	Fine	NONE	S.VEH R.TURN
	RHYL, A525 HIGH STREET, at its Junction with A548 KINMEL STREET,									Denbighshire	PED
	Veh1 NW -> SW									Casualties 1 Vehicles 1	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
17	Road No U Section	Grid 302285E Ref 379748N	U010900 SLIGHT	23/01/2016	7	09:11	L	Wet/Damp	Fine	NONE	P/C
	RHYL, Unclassified Road BRYN CWNIN, at its Junction with A525 RHUDDLAN ROAD.									Denbighshire	
	Veh1 E -> S Veh2 N -> S									Casualties 1 Vehicles 2	
18	Road No A525 Section	Grid 302016E Ref 380325N	U038125 SLIGHT	16/03/2016	4	17:30	L	Dry	Fine	NONE	M/C
	RHYL, A525 RHUDDLAN ROAD, at its Junction with Unclassified Road NORTH DRIVE.									Denbighshire	
	Veh1 S -> N Veh2 S -> N									Casualties 1 Vehicles 2	
19	Road No A548 Section	Grid 300932E Ref 381326N	U072324 SLIGHT	19/05/2016	5	16:15	L	Wet/Damp	Fine	NONE	S.VEH R.TURN
	RHYL, A548 KINMEL STREET, at its Junction with A525 HIGH STREET.									Denbighshire	PED
	Veh1 SW -> NE									Casualties 1 Vehicles 1	
20	Road No A525 Section	Grid 302178E Ref 380077N	U093418 SERIOUS	25/06/2016	7	17:35	L	Dry	Fine	NONE	
	RHYL, A525 RHUDDLAN ROAD at House Number 120, at its Junction with Unclassified Road THE BOULEVARD.									Denbighshire	
	Veh1 S -> NW Veh2 NW -> S									Casualties 2 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
21	Road No A525 Section	Grid 301341E Ref 381061N	U098932 SLIGHT	05/07/2016	3	13:00	L	Dry	Fine	NONE	
	RHYL, A525, VALE ROAD at House Number 57.									Denbighshire	
	Veh1 NW -> SE Veh2 NW -> SE									Casualties 1 Vehicles 2	
22	Road No A525 Section	Grid 302359E Ref 379528N	U118788 SLIGHT	09/08/2016	3	18:00	L	Dry	Fine	NONE	S.VEH
	RHUDDLAN, A525, at its Junction with Unclassified Road ENTRANCE TO RETAIL PARK.									Denbighshire	M/C
	Veh1 S -> N									Casualties 1 Vehicles 1	
23	Road No A525 Section	Grid 302244E Ref 379731N	U124578 SLIGHT	19/08/2016	6	10:50	L	Wet/Damp	Rain	NONE	S.VEH
	RHYL, A525, at its Junction with Unclassified Road FFORDD DERWEN.									Denbighshire	M/C
	Veh1 SW -> NW									Casualties 1 Vehicles 1	
24	Road No A547 Section	Grid 305162E Ref 379605N	U131863 SLIGHT	31/08/2016	4	08:00	L	Wet/Damp	Fine	NONE	O/TAKE
	DYSERTH, A547									Denbighshire	PSV
	Veh1 E -> W Veh2 W -> E Veh3 E -> W									Casualties 1 Vehicles 3	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
25	Road No A525 Section	Grid 301101E Ref 381156N	U144009 SLIGHT	21/09/2016	4	12:13	L	Dry	Fine	NONE	P/C
	RHYL, A525, VALE ROAD, at its Junction with Unclassified Road MARSH ROAD.									Denbighshire	
	Veh1 NW -> SE Veh2 SE -> SW									Casualties 1 Vehicles 2	
26	Road No A525 Section	Grid 301999E Ref 380391N	U145765 SLIGHT	24/09/2016	7	14:15	L	Dry	Fine	NONE	
	RHYL, A525, RUDDLAN ROAD at House Number 73 North of PEN-Y-CEFNDY.									Denbighshire	
	Veh1 S -> N Veh2 P -> P Veh3 P -> P									Casualties 1 Vehicles 3	
27	Road No A525 Section	Grid 302471E Ref 379306N	U151544 SLIGHT	05/10/2016	4	08:30	L	Dry	Fine	NONE	M/C
	RHYL, A525									Denbighshire	
	Veh1 S -> N Veh2 S -> N									Casualties 2 Vehicles 2	
28	Road No A548 Section	Grid 300955E Ref 381338N	U175299 SLIGHT	19/11/2016	7	15:05	L	Dry	Fine	NONE	S.VEH
	RHYL A548, BRIGHTON ROAD at House Name APOLLO, at its Junction with A525 VALE ROAD BRIDGE.									Denbighshire	PED
	Veh1 SE -> NW									Casualties 1 Vehicles 1	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
29	Road No A525 Grid 302074E Section Ref 380225N	U180986 SLIGHT	01/12/2016	5	09:02	L	Dry	Fine	NONE		
	RHYL, A525, RHUDDLAN ROAD at House Number 94								Denbighshire		
	Veh1 NW -> SE Veh2 NW -> SE									Casualties 1 Vehicles 2	
30	Road No A525 Grid 302123E Section Ref 380168N	V009533 SLIGHT	21/01/2017	7	12:05	L	Dry	Fine	NONE		
	RHYL, A525 RHUDDLAN ROAD at House Name YSGOL DEWI SANT.								Denbighshire		
	Veh1 NW -> SE Veh2 NW -> SE									Casualties 3 Vehicles 2	
31	Road No A525 Grid 301750E Section Ref 380823N	V017517 SERIOUS	06/02/2017	2	17:09	L	Wet/Damp	Fine	NONE	O/TAKE	M/C
	RHYL, A525 VALE ROAD, at its Junction with Unclassified Road CEFNDY ROAD, RHYL.								Denbighshire		
	Veh1 SE -> NW Veh2 SW -> SE									Casualties 1 Vehicles 2	
32	Road No A547 Grid 305588E Section Ref 380135N	V083140 SLIGHT	06/06/2017	3	23:20	DRK STL	Dry	Fine Wind	NONE		
	DYSERTH, A547 FFORDD TALARGOCH, at its Junction with B5119 and Unclassified Road ALLT Y GRAIG,								Denbighshire		
	Veh1 E -> W Veh2 S -> N									Casualties 1 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
33	Road No A525 Grid 301744E Section Ref 380820N	V085169 SLIGHT	10/06/2017	7	17:33	L	Dry	Fine	NONE	R.TURN	
	RHYL, A525, VALE ROAD, at its Junction with Unclassified Road CEFNDY ROAD,								Denbighshire		
	Veh1 SW -> SE Veh2 SE -> NW									Casualties 2 Vehicles 2	
34	Road No A525 Grid 301373E Section Ref 381044N	V112331 SLIGHT	26/07/2017	4	07:15	L	Wet/Damp	Rain	NONE		
	RHYL, A525 VALE ROAD, at its Junction with Unclassified Road VICTORIA ROAD,								Denbighshire		
	Veh1 SE -> NW Veh2 NE -> SW									Casualties 1 Vehicles 2	
35	Road No A547 Grid 304618E Section Ref 379351N	V122759 SLIGHT	13/08/2017	1	10:17	L	Dry	Fine	NONE	R.TURN	
	DYSERTH, A547 at House Name KENNEL COTTAGE, at its Junction with Unclassified Road DRIVEWAY,								Denbighshire		
	Veh1 SW -> NE Veh2 SW -> NE Veh3 SW -> NE									Casualties 1 Vehicles 3	
36	Road No A525 Grid 301785E Section Ref 380813N	V123026 SLIGHT	13/08/2017	1	16:00	L	Dry	Fine	NONE	S.VEH	
	RHYL, A525 VALE ROAD, at its Junction with Unclassified Road PENDYFFRYN ROAD								Denbighshire		PED
	Veh1 SW -> NE									Casualties 1 Vehicles 1	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
37	Road No A525 Grid 302300E Section Ref 379696N	V140182 SLIGHT	13/09/2017	4	21:22	DRK STL	Dry	Fine	NONE		P/C
	RHYL, A525 RHUDDLAN ROAD, at its Junction with Unclassified Road BRYN CWNIN ROAD.								Denbighshire		
	Veh1 NW -> SE Veh2 SW -> NE									Casualties 1 Vehicles 2	
38	Road No A525 Grid 301152E Section Ref 381134N	V162865 SLIGHT	25/10/2017	4	19:41	DRK STL	Dry	Fine	NONE		
	RHYL, A525, VALE ROAD,								Denbighshire		
	Veh1 NW -> SE Veh2 P -> P									Casualties 1 Vehicles 2	
39	Road No A525 Grid 302110E Section Ref 380184N	V177707 SLIGHT	24/11/2017	6	08:45	L	Dry	Fine	NONE		
	RHYL, A525, RHUDDLAN ROAD at House Name YSGOL DEWI SANT,								Denbighshire		
	Veh1 NW -> SE Veh2 NW -> SE									Casualties 1 Vehicles 2	
40	Road No A525 Grid 301624E Section Ref 380886N	W019751 SERIOUS	16/02/2018	6	19:30	DRK STL	Dry	Fine	NONE	S.VEH	
	RHYL, A525 VALE ROAD at House Name VALE RD MOSQUE,								Denbighshire		
	Veh1 SE -> NW									Casualties 1 Vehicles 1	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location		Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
41	Road No A525 Section	Grid 301745E Ref 380823N	W019944 SERIOUS	17/02/2018	7	06:50	DRK STL	Dry	Fine	NONE	R.TURN	P/C
	RHYL, A525 RHUDDLAN ROAD/VALE ROAD, at its Junction with Unclassified Road CEFNDY ROAD,									Denbighshire		
	Veh1 SW -> SE Veh2 SE -> NW										Casualties Vehicles	1 2
42	Road No U Section	Grid 300941E Ref 381331N	W020867 SLIGHT	19/02/2018	2	00:15	DRK STL	Wet/Damp	Rain	NONE		P/C
	RHYL, Unclassified Road HIGH STREET , at its Junction with A548 FFORDD BRIGHTON,									Denbighshire		
	Veh1 NW -> SE Veh2 NE -> SW										Casualties Vehicles	1 2
43	Road No A525 Section	Grid 301377E Ref 381048N	W055670 SLIGHT	01/05/2018	3	07:06	L	Dry	Fine	NONE		PSV
	RHYL, A525 VALE ROAD, at its Junction with Unclassified Road PRINCE EDWARD AVENUE,									Denbighshire		
	Veh1 NW -> SE Veh2 NE -> SW										Casualties Vehicles	1 2
44	Road No A547 Section	Grid 305587E Ref 380134N	W083061 SLIGHT	19/06/2018	3	18:00	L	Dry	Fine	NONE	R.TURN	
	DYSERTH, A547, at its Junction with B5119,									Denbighshire		
	Veh1 W -> SW Veh2 NE -> SW										Casualties Vehicles	1 2

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight

STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
45	Road No A547 Section	Grid 305538E Ref 379851N	W105583 SLIGHT	28/07/2018	7	16:33	L	Dry	Fine	NONE	
	DYSERTH, A547, 140 metres north of B5119 DYSERTH ROAD,									Denbighshire	
	Veh1 SW -> NE Veh2 NE -> SW Veh3 NE -> SW									Casualties 6 Vehicles 3	
46	Road No A525 Section	Grid 300934E Ref 381331N	W155158 SLIGHT	30/10/2018	3	18:26	DRK STL	Dry	Fine	NONE	S.VEH R.TURN
	RHYL, A525 HIGH STREET, 5 metres east of A548, KINMEL STREET,									Denbighshire	PED
	Veh1 NW -> SW									Casualties 1 Vehicles 1	
47	Road No A548 Section	Grid 300933E Ref 381324N	X003462 SLIGHT	08/01/2019	3	11:22	L	Dry	Fine	NONE	S.VEH R.TURN
	RHYL, A548 KINMEL STREET, at its Junction with A525 HIGH STREET,									Denbighshire	PED
	Veh1 NW -> SW									Casualties 1 Vehicles 1	
48	Road No A548 Section	Grid 300931E Ref 381321N	X010990 SLIGHT	24/01/2019	5	22:52	DRK STL	Wet/Damp	Rain	NONE	S.VEH R.TURN
	RHYL, A548, KINMEL STREET at its Junction with A525, HIGH STREET									Denbighshire	PED
	Veh1 SE -> SW									Casualties 1 Vehicles 1	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
49	Road No A525 Section	Grid 302353E Ref 379537N	X034506 SERIOUS	14/03/2019	5	14:50	L	Dry	Fine	NONE	M/C
	RHYL, A525, at its Junction with Unclassified Road CLWYD RETAIL PARK,									Denbighshire	
	Veh1 SW -> NE Veh2 SE -> NW									Casualties 1 Vehicles 2	
50	Road No A525 Section	Grid 302351E Ref 379545N	X048280 SLIGHT	10/04/2019	4	17:00	L	Dry	Fine	NONE R.TURN	M/C
	RHYL, A525, at its Junction with Unclassified Road RETAIL PARK ROUNDABOUT,									Denbighshire	
	Veh1 SW -> NE Veh2 SE -> NW									Casualties 1 Vehicles 2	
51	Road No A525 Section	Grid 302116E Ref 380173N	X068595 SLIGHT	19/05/2019	1	14:12	L	Dry	Fine	NONE S.VEH	
	RHYL, A525 RHUDDLAN ROAD at YSGOL DEWI SANT,									Denbighshire	
	Veh1 NW -> SE									Casualties 1 Vehicles 1	
52	Road No A547 Section	Grid 302802E Ref 378531N	X101839 SERIOUS	19/07/2019	6	14:47	L	Wet/Damp	Rain	NONE	P/C
	RHUDDLAN,A547, at its Junction with Unc.Rd. Rhyl Road									Denbighshire	
	Veh1 W -> E Veh2 S -> N									Casualties 1 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
53	Road No A547 Section Grid 305587E Ref 380133N	X104390 SERIOUS	23/07/2019	3	17:06	L	Dry	Fine	NONE		
	MELIDEN, A547 MELIDEN ROAD, at its Junction with B5119 DYSERTH BENDS,									Denbighshire	
	Veh1 W -> E Veh2 N -> S									Casualties 4 Vehicles 2	
54	Road No A548 Section Grid 300965E Ref 381350N	X118299 SERIOUS	16/08/2019	6	11:50	L	Dry	Fine	NONE	S.VEH	
	RHYL, A548 BRIGHTON ROAD, at its Junction with A525 VALE ROAD,									Denbighshire	PED
	Veh1 NE -> SW									Casualties 1 Vehicles 1	
55	Road No A547 Section Grid 303589E Ref 378963N	X132126 SLIGHT	09/09/2019	2	15:10	L	Dry	Fine	NONE		
	RHUDDLAN, A547,									Denbighshire	
	Veh1 W -> E Veh2 E -> W									Casualties 1 Vehicles 2	
56	Road No A547 Section Grid 302977E Ref 378615N	X156433 SERIOUS	27/10/2019	1	15:30	L	Dry	Other	NONE	R.TURN	M/C
	RHUDDLAN, A547 MELIDEN ROAD, at its Junction with Unclassified Road TIRIONFA,									Denbighshire	
	Veh1 NE -> NW Veh2 NE -> SW									Casualties 1 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF1,LF2A, S1A, S1C,S2 Section D PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
57	Road No A547 Section	Grid 304059E Ref 379154N	X183220 SLIGHT	21/12/2019	7	12:35	L	Dry	Fine	NONE	
	DYSERTH, A547, LONG ACRES ROAD,										Denbighshire
	Veh1 W -> E Veh2 W -> E									Casualties 1 Vehicles 2	
58	Road No U Section	Grid 301087E Ref 381160N	X184280 SLIGHT	23/12/2019	2	14:45	L	Dry	Fine	NONE	
	RHYL, Unclassified Road MARSH ROAD, at its Junction with A525 VALE ROAD,										Denbighshire
	Veh1 SW -> NW Veh2 SW -> NW									Casualties 1 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight

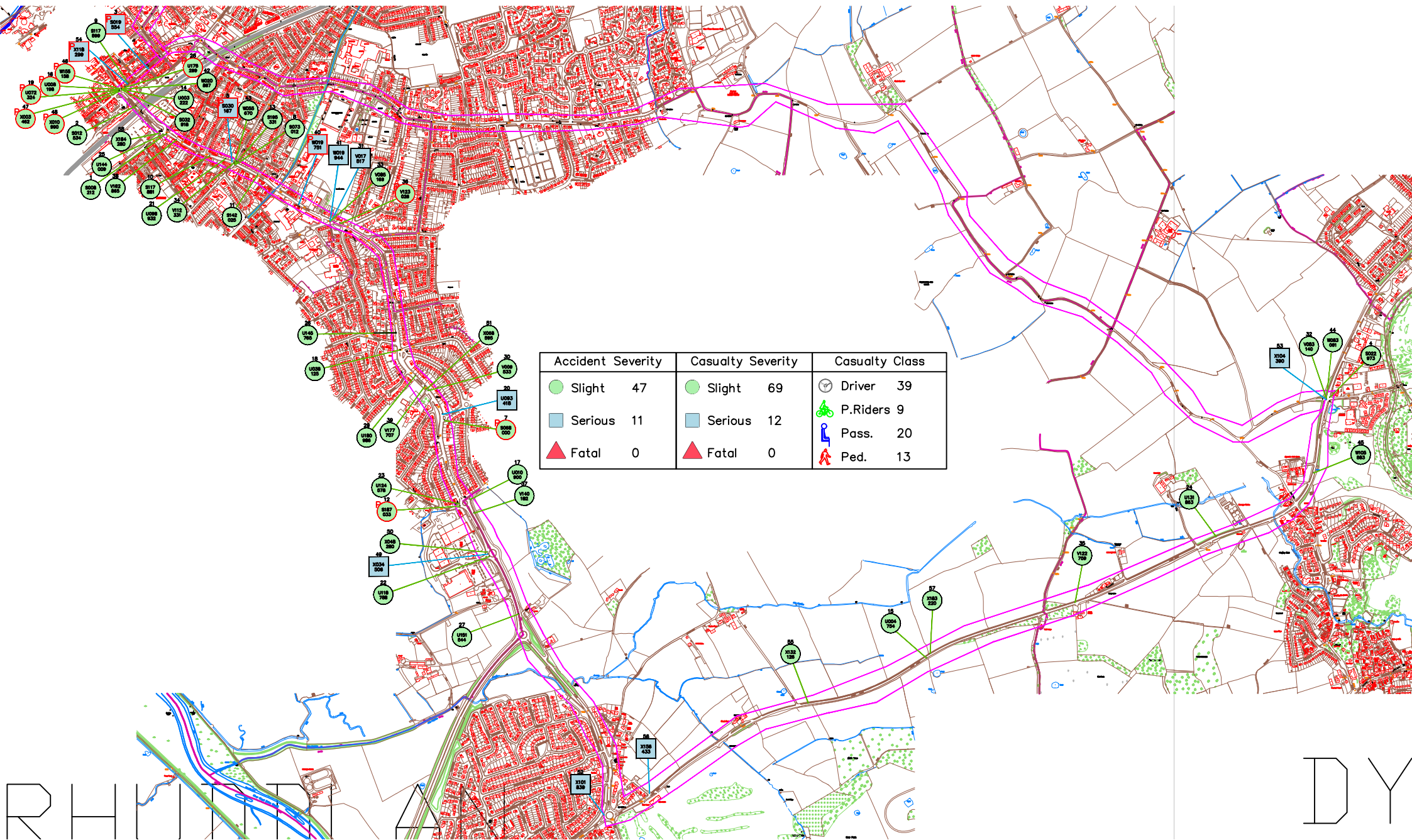
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective



Accident Severity		Casualty Severity		Casualty Class	
● Slight	47	● Slight	69	🚗 Driver	39
■ Serious	11	■ Serious	12	🚲 P.Riders	9
▲ Fatal	0	▲ Fatal	0	🚶 Pass.	20
				🚶 Ped.	13

RH

DY

Date: 15-April-2021

Time: 07:07:26

Title: **Awel y Mor on-shore export cable-laying - LF2, S1A Section C PIA**

Requested output: **P - Print Crash Report**

Date: 15-April-2021

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

There were 34 reported crashes resulting in injury

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF2, SlA Section C PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
1	Road No B5119 Grid 302019E Section Ref 381238N	S005311 SLIGHT	12/01/2015	2	07:25	DRK STL	Wet/Damp	Rain Wind	NONE	R.TURN	M/C
	RHYL, B5119 GRANGE ROAD, at its Junction with Unclassified Road PENDYFFRYN ROAD NORTH.								Denbighshire		
	Veh1 N -> W Veh2 E -> W									Casualties 1 Vehicles 2	
2	Road No B5119 Grid 302712E Section Ref 381194N	S010593 SLIGHT	23/01/2015	6	13:00	L	Wet/Damp	Fine	NONE	R.TURN	
	RHYL, B5119 DYSERTH ROAD at House Number 79, at its Junction with Unclassified Road DRIVEWAY.								Denbighshire		
	Veh1 E -> W Veh2 W -> S									Casualties 2 Vehicles 2	
3	Road No B5119 Grid 305033E Section Ref 380107N	S116749 SLIGHT	04/08/2015	3	09:20	L	Dry	Fine	NONE		
	DYSERTH, B5119 DYSERTH ROAD.								Denbighshire		
	Veh1 SE -> N Veh2 SE -> N									Casualties 3 Vehicles 2	
4	Road No B5119 Grid 305573E Section Ref 380135N	S125243 SLIGHT	18/08/2015	3	07:45	L	Dry	Fine	NONE		P/C
	DYSERTH, B5119, 10 metres west of A547.								Denbighshire		
	Veh1 S -> N Veh2 W -> E									Casualties 1 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF2, S1A Section C PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
5	Road No B5119 Grid 302137E Section Ref 381204N	S143056 SLIGHT	18/09/2015	6	16:29	L	Dry	Fine	NONE	O/TAKE R.TURN	
	RHYL, B5119 DYSERTH ROAD, at its Junction with Unclassified Road GROSVENOR ROAD.								Denbighshire		
	Veh1 W -> E Veh2 W -> S									Casualties 1 Vehicles 2	
6	Road No B5119 Grid 303221E Section Ref 381250N	S188084 SLIGHT	09/12/2015	4	18:45	DRK STL	Dry	Fine	NONE		
	RHYL, B5119 DYSERTH ROAD, 10 metres east of Unclassified Road JUNCTION FOR NEW PINES, RHYL.								Denbighshire		
	Veh1 E -> W Veh2 E -> W									Casualties 2 Vehicles 2	
7	Road No B5119 Grid 301986E Section Ref 381262N	U008898 SLIGHT	19/01/2016	3	13:00	L	Dry	Fine	NONE	S.VEH	
	RHYL, B5119 GRANGE ROAD.								Denbighshire		
	Veh1 SE -> W									Casualties 1 Vehicles 1	
8	Road No B5119 Grid 304391E Section Ref 380599N	U009415 SLIGHT	20/01/2016	4	15:20	L	Wet/Damp	Fine	NONE		
	DYSERTH, B5119 DYSERTH ROAD.								Denbighshire		
	Veh1 NW -> SE Veh2 SE -> NW									Casualties 1 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF2, SlA Section C PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
9	Road No B5119 Grid 304485E Section Ref 380521N	U044588 SLIGHT	28/03/2016	2	23:30	DRK NSL	Dry	Fine	NONE	S.VEH	
	RHYL, B5119, DYSETH ROAD.								Denbighshire		
	Veh1 E -> NW									Casualties 1 Vehicles 1	
10	Road No B5119 Grid 301920E Section Ref 381302N	U053299 SERIOUS	13/04/2016	4	14:30	L	Dry	Fine	NONE	R.TURN	P/C
	RHYL, B5119 GRANGE ROAD, at its Junction with Unclassified Road ENTRANCE TO CORONATION GARDENS.								Denbighshire		
	Veh1 SE -> W Veh2 W -> S									Casualties 1 Vehicles 2	
11	Road No B5119 Grid 301278E Section Ref 381495N	U073919 SLIGHT	22/05/2016	1	16:30	L	Dry	Fine	NONE	S.VEH	M/C
	RHYL, B5119 GRANGE ROAD.								Denbighshire		
	Veh1 W -> SE									Casualties 1 Vehicles 1	
12	Road No B5119 Grid 305107E Section Ref 380063N	U084252 SLIGHT	09/06/2016	5	12:30	L	Dry	Fine	NONE		
	RHYL, B5119 DYSETH ROAD.								Denbighshire		
	Veh1 NW -> SE Veh2 SE -> NW									Casualties 1 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF2, SlA Section C PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved	
13	Road No B5119 Section	Grid 304151E Ref 380899N	U129335 SLIGHT	27/08/2016	7	07:35	L	Dry	Fine	NONE	S.VEH	
	RHYL, B5119									Denbighshire		
	Veh1 SE -> NE										Casualties	1
											Vehicles	1
14	Road No B5119 Section	Grid 302636E Ref 381198N	U189513 SERIOUS	18/12/2016	1	11:10	L	Dry	Fine	NONE	R.TURN	M/C
	RHYL, B5119, DYSERTH ROAD, at its Junction with Unclassified Road PEN Y MAES AVENUE.									Denbighshire		
	Veh1 W -> S										Casualties	1
	Veh2 E -> W										Vehicles	2
15	Road No B5119 Section	Grid 304393E Ref 380602N	U191508 SERIOUS	22/12/2016	5	13:00	L	Wet/Damp	Fine	NONE		
	RHYL, B5119, DYSERTH ROAD.									Denbighshire		
	Veh1 NW -> SE										Casualties	3
	Veh2 SE -> NW										Vehicles	2
16	Road No B5119 Section	Grid 302427E Ref 381198N	V011345 SLIGHT	25/01/2017	4	12:19	L	Dry	Fine	NONE		M/C
	RHYL, B5119, DYSERTH ROAD, 28.3 metres south of PLAS ROAD.									Denbighshire		
	Veh1 E -> W										Casualties	1
	Veh2 W -> E										Vehicles	2

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting

L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
 SIGNS Road Signs Defective or Obscured
 RD WRKS Road Works
 Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF2, SlA Section C PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
17	Road No B5119 Grid 304479E Section Ref 380531N	V018047 SLIGHT	07/02/2017	3	19:10	DRK NSL	Wet/Damp	Fine	NONE	S.VEH	
	DYSERTH, B5119 DYSERTH ROAD / DYSERTH BENDS.								Denbighshire		
	Veh1 E -> NW									Casualties 1 Vehicles 1	
18	Road No B5119 Grid 301306E Section Ref 381464N	V104869 SLIGHT	13/07/2017	5	14:10	L	Dry	Fine	NONE	S.VEH	
	RHYL, B5119, GRANGE ROAD.								Denbighshire		
	Veh1 SE -> NW									Casualties 1 Vehicles 1	
19	Road No B5119 Grid 302633E Section Ref 381197N	V126957 SLIGHT	20/08/2017	1	16:18	L	Wet/Damp	Rain	NONE	R.TURN	
	RHYL, B5119, DYSERTH ROAD at House Number 67, at its Junction with Unclassified Road PEN-Y-MAES AVENUE.								Denbighshire		
	Veh1 E -> W Veh2 W -> S									Casualties 3 Vehicles 2	
20	Road No B5119 Grid 301251E Section Ref 381518N	V130390 SLIGHT	25/08/2017	6	18:00	L	Dry	Fine	NONE	R.TURN	P/C
	RHYL, B5119 GRANGE ROAD, at its Junction with Unclassified Road BRIGHTON ROAD,								Denbighshire		
	Veh1 NE -> SW Veh2 SE -> NE									Casualties 1 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF2, SlA Section C PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
21	Road No B5119 Grid 304759E Section Ref 380407N	V145818 SERIOUS	24/09/2017	1	14:29	L	Dry	Fine	NONE		M/C
	DYSERTH, B5119 FFORDD DYSERTH/DYSERTH ROAD, at its Junction with Unclassified Road FFORDD FFYNNON,								Denbighshire		
	Veh1 NW -> NW Veh2 NW -> SE									Casualties 1 Vehicles 2	
22	Road No B5119 Grid 302009E Section Ref 381247N	W011274 SERIOUS	26/01/2018	6	11:20	L	Dry	Fine	NONE		PSV
	RHYL, B5119 GRANGE ROAD, at its Junction with Unclassified Road PENDYFFRYN ROAD NORTH,								Denbighshire		
	Veh1 NW -> SE Veh2 NW -> SE									Casualties 2 Vehicles 2	
23	Road No B5119 Grid 301758E Section Ref 381348N	W013981 SLIGHT	03/02/2018	7	11:20	L	Wet/Damp	Rain	NONE	S.VEH	
	RHYL, B5119 GRANGE ROAD at House Name ONE STOP SHOP,								Denbighshire		PED
	Veh1 E -> W									Casualties 1 Vehicles 1	
24	Road No B5119 Grid 302680E Section Ref 381203N	W018218 SLIGHT	13/02/2018	3	15:59	L	Dry	Fine	NONE	R.TURN	M/C
	RHYL, B5119 DYSERTH ROAD, 1 metres south of Unclassified Road PARK VIEW ESTATE / FFORDD ELAN,								Denbighshire		
	Veh1 N -> W Veh2 W -> E									Casualties 1 Vehicles 2	

Key

Involved
 PED Pedestrian
 HGV Heavy Goods Vehicle
 GV Goods Vehicle
 M/C Motor Cycle
 P/C Pedal Cycle
 PSV Bus/Coach

Street Lighting
 L Daylight
 STL Street Lights
 USL Street Lights Unlit
 NSL No Street Lights
 STU Street Lights Unknown

FACTORS
 R.TURN Right Turn Manoeuvre
 O/TAKE Overtaking Manoeuvre
 S.VEH Single Vehicle

Special Conditions
 ATS OUT Traffic Lights Not Working
 ATS DEF Traffic Lights Defective
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P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF2, SlA Section C PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
25	Road No B5119 Grid 304478E Section Ref 380528N	W025472 SLIGHT	01/03/2018	5	08:34	L	Frost/Ice	Snow Wind	NONE	S.VEH	
	RHYL, B5119, DYSERTH ROAD,								Denbighshire		
	Veh1 S -> N									Casualties 1 Vehicles 1	
26	Road No B5119 Grid 302630E Section Ref 381197N	W050486 SLIGHT	20/04/2018	6	16:23	L	Dry	Fine	NONE	R.TURN	
	RHYL, B5119, DYSERTH ROAD, at its Junction with Unclassified Road PEN Y MAES AVENUE,								Denbighshire		
	Veh1 S -> E Veh2 E -> W									Casualties 3 Vehicles 2	
27	Road No B5119 Grid 301872E Section Ref 381319N	W071964 SLIGHT	31/05/2018	5	12:55	L	Dry	Fine	NONE		GV P/C
	RHYL, B5119, GRANGE ROAD, at its Junction with Unclassified Road BOTANICAL GARDEN,								Denbighshire		
	Veh1 SE -> W Veh2 SW -> NE									Casualties 1 Vehicles 2	
28	Road No B5119 Grid 302068E Section Ref 381211N	W110262 SLIGHT	05/08/2018	1	20:10	L	Dry	Fine	NONE	S.VEH	M/C
	RHYL, B5119 DYSERTH ROAD at House Number 1, at its Junction with Unclassified Road GRANGE ROAD,								Denbighshire		
	Veh1 NW -> E									Casualties 1 Vehicles 1	
29	Road No B5119 Grid 303926E Section Ref 381252N	W172404 SLIGHT	03/12/2018	2	21:13	DRK NSL	Dry	Fine	NONE	S.VEH	
	RHYL, B5119, DYSERTH ROAD,								Denbighshire		
	Veh1 S -> N									Casualties 1 Vehicles 1	

Key

Involved
PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight

STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF2, SlA Section C PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
30	Road No B5119 Grid 305377E Section Ref 380076N	X024902 SLIGHT	22/02/2019	6	16:15	L	Dry	Fine	NONE		
	DYSERTH, B5119 DYSERTH ROAD TOWARDS THE JUNCTION WITH THE A547.								Denbighshire		
	Veh1 NE -> SW Veh2 SW -> NE									Casualties 1 Vehicles 2	
31	Road No B5119 Grid 304760E Section Ref 380407N	X065624 SERIOUS	13/05/2019	2	18:12	L	Dry	Fine	NONE	R.TURN	M/C
	DYSERTH, B5119 DYSERTH ROAD, at its Junction with Unclassified Road FFORDD FFYNNON ,								Denbighshire		
	Veh1 NW -> SE Veh2 NE -> NW									Casualties 1 Vehicles 2	
32	Road No B5119 Grid 304763E Section Ref 380404N	X069654 SLIGHT	21/05/2019	3	15:45	L	Dry	Fine	NONE		
	DYSERTH, B5119 DYSERTH ROAD at ABERKINSEY FARM, at its Junction with Unclassified Road FARM ENTRANCE,								Denbighshire		
	Veh1 SW -> SE Veh2 SE -> NW									Casualties 3 Vehicles 2	
33	Road No B5119 Grid 301939E Section Ref 381301N	X162157 SLIGHT	07/11/2019	5	16:16	L	Wet/Damp	Rain	NONE	R.TURN	M/C
	RHYL, B5119, GRANGE ROAD, at its Junction with Unclassified Road PARK DRIVE,								Denbighshire		
	Veh1 SE -> NE Veh2 NW -> SE									Casualties 1 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective

P-PRINT CRASH REPORT

Awel y Mor on-shore export cable-laying - LF2, S1A Section C PIA

Accident Date BETWEEN '01-Jan-2015' AND '27-Dec-2019'

No	Location	Reference/ Severity	Date	Day	Time	Street Lighting	Road Surface	Weather	Special Conditions	Factors	Involved
34	Road No B5119 Grid 303768E Section Ref 381201N	X178118 SLIGHT	11/12/2019	4	12:10	L	Dry	Fine	NONE		GV
	RHYL,, B5119, DYSERTH ROAD,								Denbighshire		
	Veh1 E -> NW Veh2 NW -> E									Casualties 1 Vehicles 2	

Key Involved

PED Pedestrian
HGV Heavy Goods Vehicle
GV Goods Vehicle
M/C Motor Cycle
P/C Pedal Cycle
PSV Bus/Coach

Street Lighting

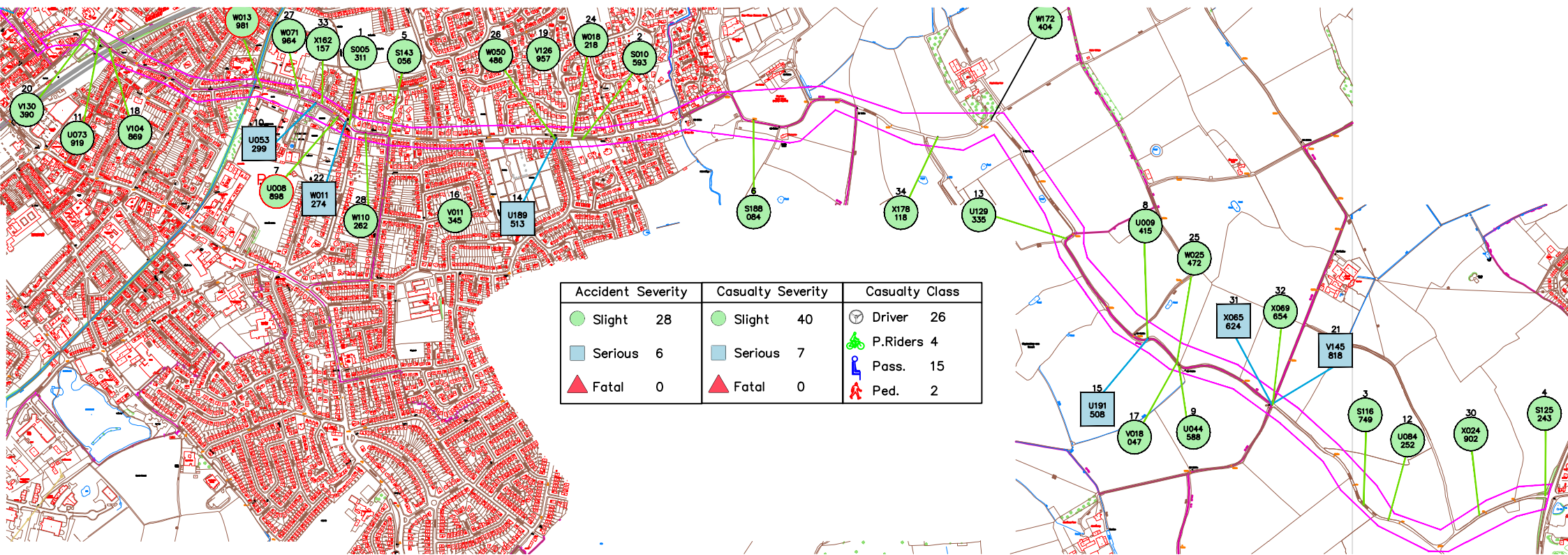
L Daylight
STL Street Lights
USL Street Lights Unlit
NSL No Street Lights
STU Street Lights Unknown

FACTORS

R.TURN Right Turn Manoeuvre
O/TAKE Overtaking Manoeuvre
S.VEH Single Vehicle

Special Conditions

ATS OUT Traffic Lights Not Working
ATS DEF Traffic Lights Defective
SIGNS Road Signs Defective or Obscured
RD WRKS Road Works
Surface Road Surface Defective



APPENDIX D

Active Traffic Route (ATR) Maps

Rhyl ERM

Produced by the Active Travel web site. Gynhyrchwyd gan y wefan Teithio Llesol.



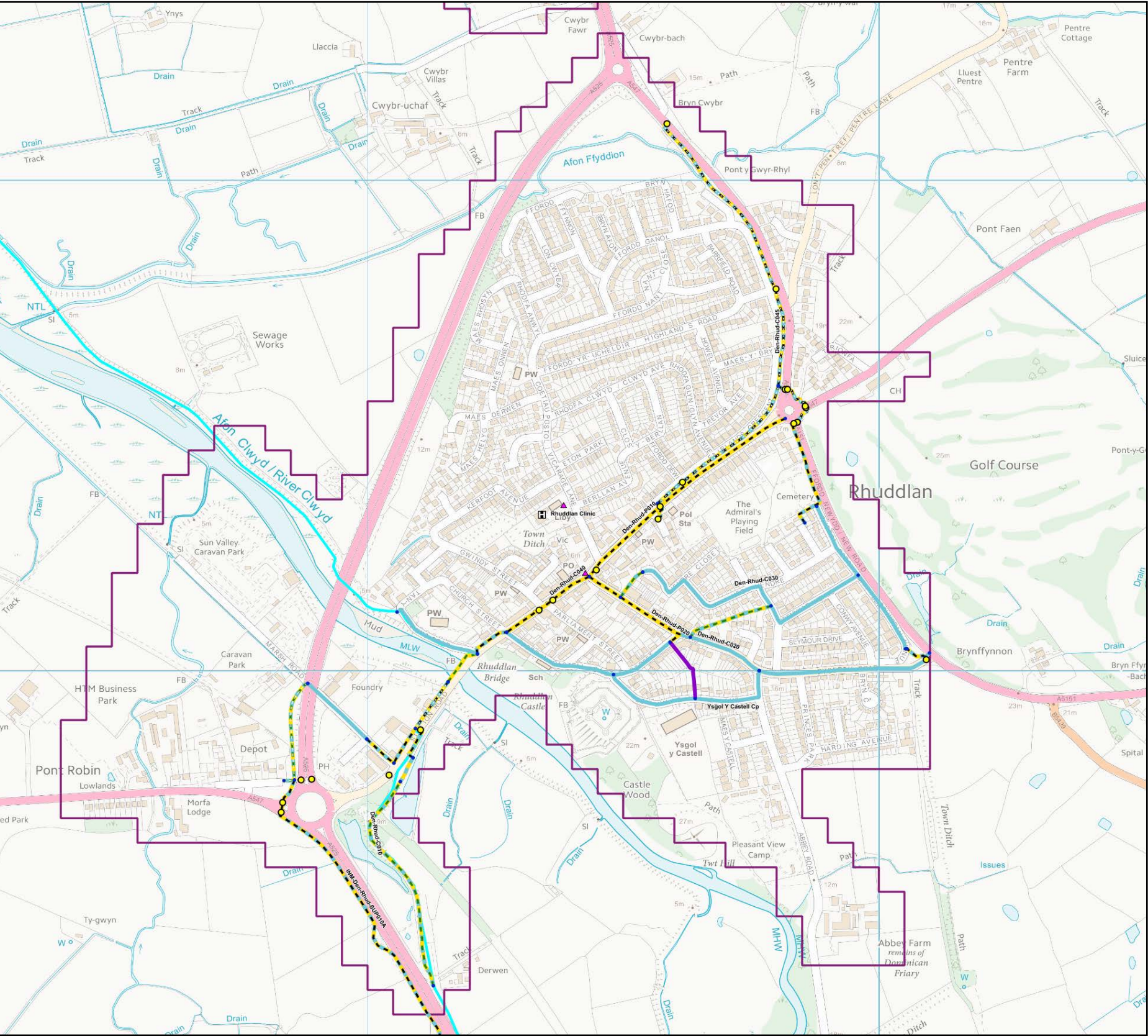
Legend / Eglurhad

- Active Travel Routes / Llwybrau Teithio Llesol
- Undefined path design / Dyluniad llwybr heb ei ddiffinio
 - Footpath (away from road) / Llwybr troed (i ffordd o'r ffordd)
 - Footway (alongside road) / Troedffordd (ochr yn ochr â ffordd)
 - Cycle track (away from road) / Trac beicio (i ffordd o'r ffordd)
 - Cycle track (alongside road) / Trac beicio (ochr yn ochr â ffordd)
 - Shared use foot/cycle path (away from road) / Llwybr cerdded/beicio a rennir (i ffordd o'r ffordd)
 - Shared use foot/cycle path (alongside road) / Llwybr cerdded/beicio a rennir (ochr yn ochr â ffordd)
 - Segregated foot/cycle path (away from road) / Llwybr cerdded/beicio wedi'i wahanu (i ffordd o'r ffordd)
 - Segregated foot/cycle path (alongside road) / Llwybr cerdded/beicio wedi'i wahanu (ochr yn ochr â ffordd)
 - Cycle route (on road, not segregated) / Lôn feicio (ar y ffordd, heb ei gwahanu)
 - Cycle lane (on road, segregated) / Lôn feicio (ar y ffordd, wedi'i gwahanu)
 - Pedestrian zone / Ardal cerdded
 - Pedestrian and cycle zone / Ardal cerdded a beicio
 - Road without footway / Ffordd heb droedffordd
- Line end points / Pwyntiau diwedd llinell
- Cycle Network / Rhwydwaith Beicio
- Crossings / Croesfannau
- Related Facilities / Cyfleusterau Cysylltiedig
- Landmarks / Tirnodau
- Bus Station / Gorsaf Fysus
 - Hospital / Ysbyty
 - Railway Station / Gorsaf Reilffordd
 - Schools / Ysgolion
- Labels / Labeli
- Built-up areas / Ardaloedd Adeiledig
 - Admin Areas / Ardaloedd Gweinyddol

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Rhuddlan ERM

Produced by the Active Travel web site. Gynhyrchwyd gan y wefan Teithio Llesol.



Legend / Eglurhad

Active Travel Routes / Llwybrau Teithio Llesol

- Undefined path design / Dyluniad llwybr heb ei ddiffinio
- Footpath (away from road) / Llwybr troed (i ffordd o'r ffordd)
- Footway (alongside road) / Troedffordd (ochr yn ochr â ffordd)
- Cycle track (away from road) / Trac beicio (i ffordd o'r ffordd)
- Cycle track (alongside road) / Trac beicio (ochr yn ochr â ffordd)
- Shared use foot/cycle path (away from road) / Llwybr cerdded/beicio a rennir (i ffordd o'r ffordd)
- Shared use foot/cycle path (alongside road) / Llwybr cerdded/beicio a rennir (ochr yn ochr â ffordd)
- Segregated foot/cycle path (away from road) / Llwybr cerdded/beicio wedi'i wahanu (i ffordd o'r ffordd)
- Segregated foot/cycle path (alongside road) / Llwybr cerdded/beicio wedi'i wahanu (ochr yn ochr â ffordd)
- Cycle route (on road, not segregated) / Lôn feicio (ar y ffordd, heb ei gwahanu)
- Cycle lane (on road, segregated) / Lôn feicio (ar y ffordd, wedi'i gwahanu)
- Pedestrian zone / Ardal cerdded
- Pedestrian and cycle zone / Ardal cerdded a beicio
- Road without footway / Ffordd heb droedffordd

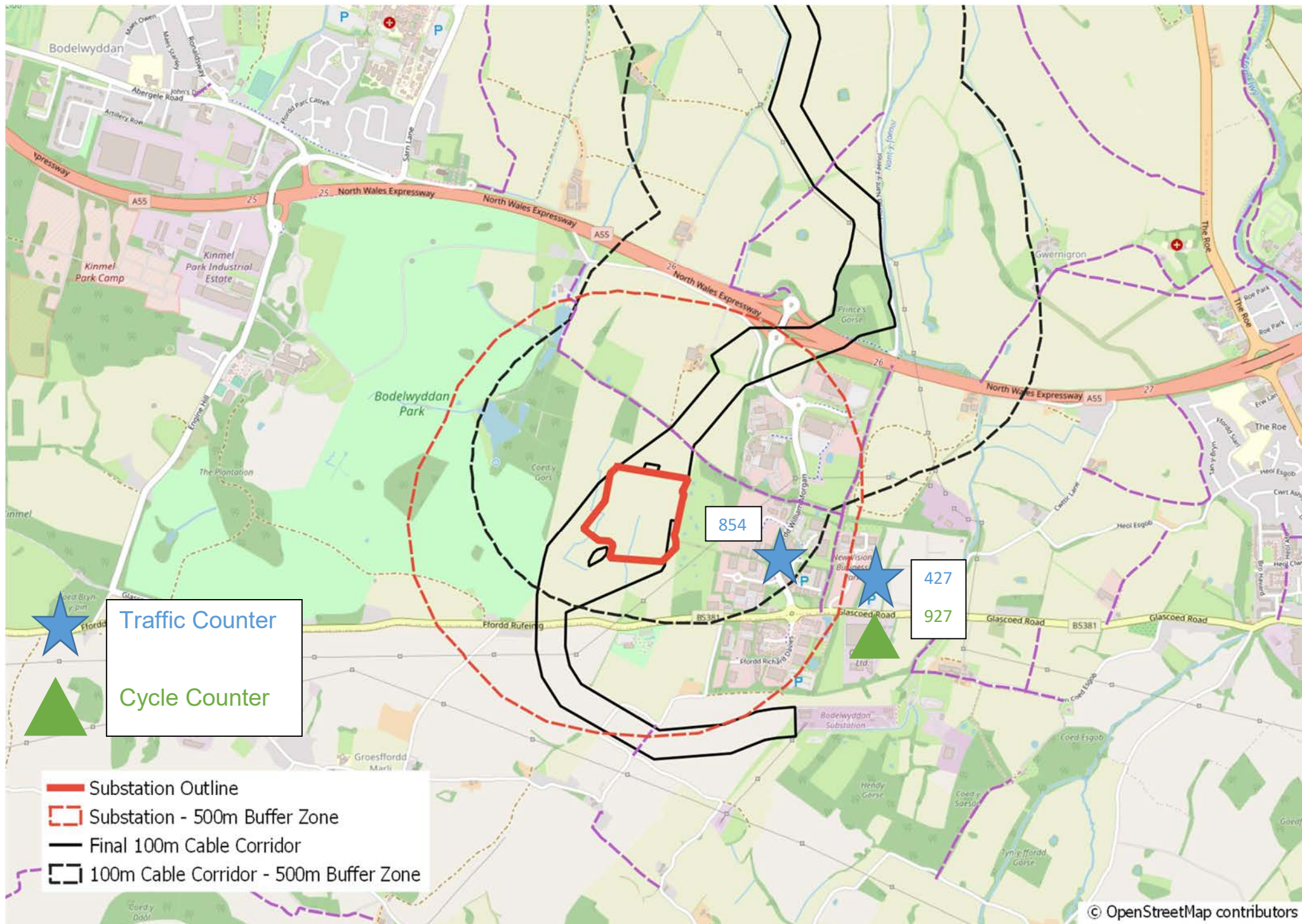
- Line end points / Pwyntiau diwedd llinell
- Cycle Network / Rhwydwaith Beicio
- Crossings / Croesfannau
- Related Facilities / Cyfleusterau Cysylltiedig
- Landmarks / Tirnodau
- Bus Station / Gorsaf Fysus
- Hospital / Ysbyty
- Railway Station / Gorsaf Reilffordd
- Schools / Ysgolion

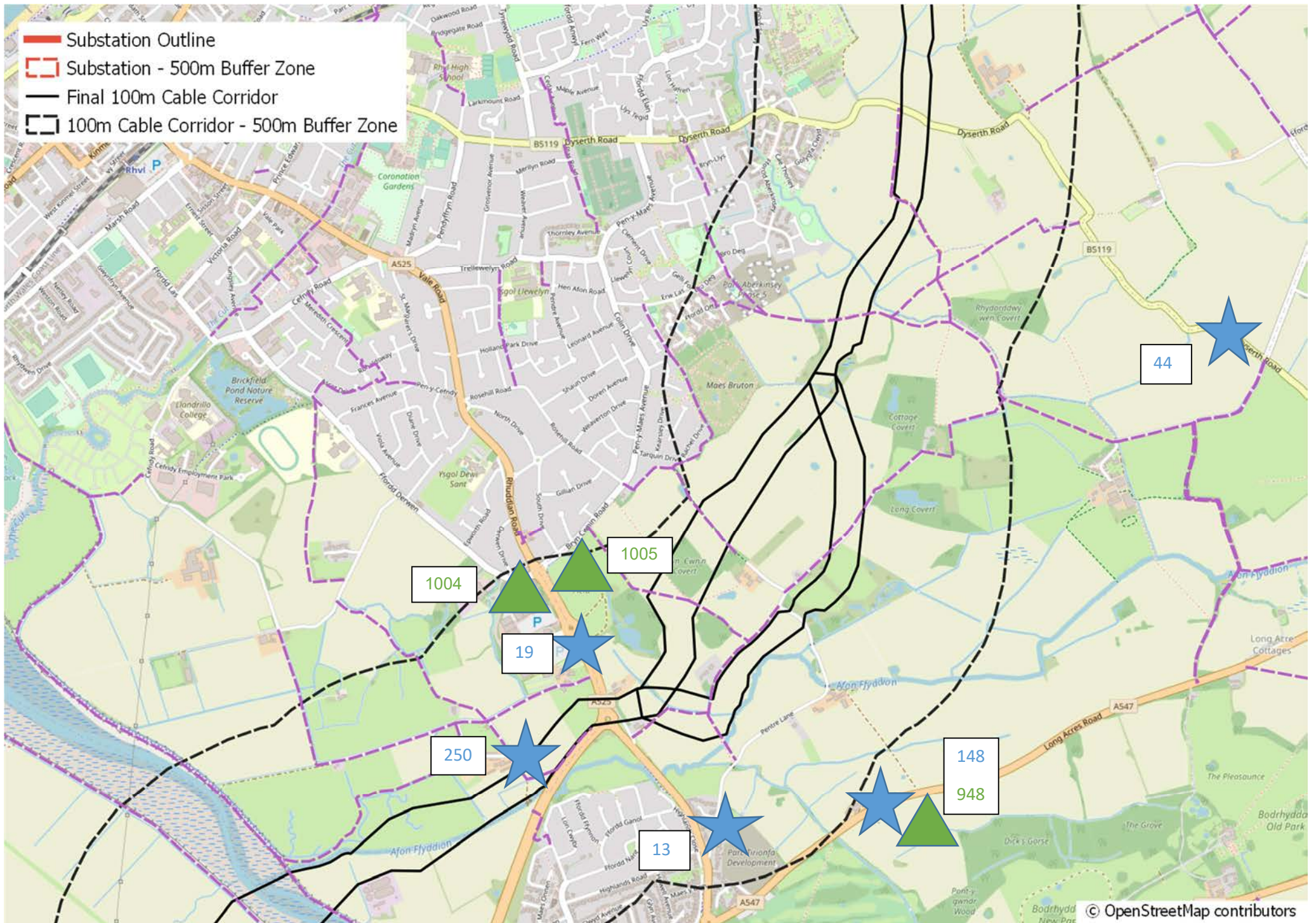
- Labels / Labeli
- Built-up areas / Ardaloedd Adeiledig
- Admin Areas / Ardaloedd Gweinyddol

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APPENDIX E

Cycleway Counts





- Substation Outline
- Substation - 500m Buffer Zone
- Final 100m Cable Corridor
- 100m Cable Corridor - 500m Buffer Zone

1002

12

912

APPENDIX F

New Automatic Traffic Count Data

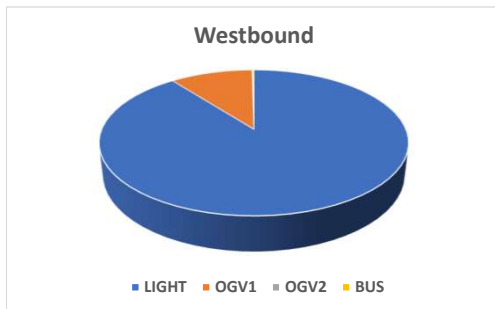
Denbighshire ATC, Dyserth Road west of Onshore ECC (Location 3)

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	1126	1044	81	1	0
Sun 11 Apr	852	796	56	0	0
Mon 12 Apr	1630	1440	189	0	1
Tue 13 Apr	1622	1418	198	1	5
Wed 14 Apr	1705	1513	186	4	2
Thu 15 Apr	1712	1516	193	0	3
Fri 16 Apr	1786	1610	169	1	6
5 Day Ave.	1691	1499	187	1	3
7 Day Ave.	1490	1334	153	1	2

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	92.7%	7.2%	0.1%	0.0%
Sun 11 Apr	100.0%	93.4%	6.6%	0.0%	0.0%
Mon 12 Apr	100.0%	88.3%	11.6%	0.0%	0.1%
Tue 13 Apr	100.0%	87.4%	12.2%	0.1%	0.3%
Wed 14 Apr	100.0%	88.7%	10.9%	0.2%	0.1%
Thu 15 Apr	100.0%	88.6%	11.3%	0.0%	0.2%
Fri 16 Apr	100.0%	90.1%	9.5%	0.1%	0.3%
5 Day Ave.	100.0%	88.7%	11.1%	0.1%	0.2%
7 Day Ave.	100.0%	89.5%	10.3%	0.1%	0.2%

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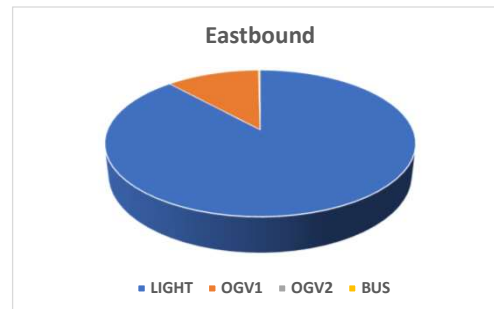


Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	1083	993	88	0	2
Sun 11 Apr	895	822	72	0	1
Mon 12 Apr	1537	1337	199	0	1
Tue 13 Apr	1583	1359	220	0	4
Wed 14 Apr	1647	1438	202	2	5
Thu 15 Apr	1626	1426	196	0	4
Fri 16 Apr	1708	1516	190	1	1
5 Day Ave.	1620	1415	201	1	3
7 Day Ave.	1440	1270	167	0	3

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	91.7%	8.1%	0.0%	0.2%
Sun 11 Apr	100.0%	91.8%	8.0%	0.0%	0.1%
Mon 12 Apr	100.0%	87.0%	12.9%	0.0%	0.1%
Tue 13 Apr	100.0%	85.8%	13.9%	0.0%	0.3%
Wed 14 Apr	100.0%	87.3%	12.3%	0.1%	0.3%
Thu 15 Apr	100.0%	87.7%	12.1%	0.0%	0.2%
Fri 16 Apr	100.0%	88.8%	11.1%	0.1%	0.1%
5 Day Ave.	100.0%	87.3%	12.4%	0.0%	0.2%
7 Day Ave.	100.0%	88.2%	11.6%	0.0%	0.2%

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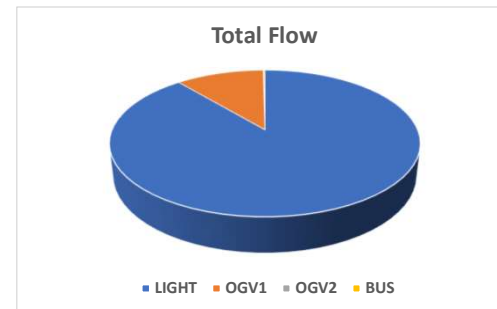


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	2209	2037	169	1	2
Sun 11 Apr	1747	1618	128	0	1
Mon 12 Apr	3167	2777	388	0	2
Tue 13 Apr	3205	2777	418	1	9
Wed 14 Apr	3352	2951	388	6	7
Thu 15 Apr	3338	2942	389	0	7
Fri 16 Apr	3494	3126	359	2	7
5 Day Ave.	3311	2915	388	2	6
7 Day Ave.	2930	2604	320	1	5

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	92.2%	7.7%	0.0%	0.1%
Sun 11 Apr	100.0%	92.6%	7.3%	0.0%	0.1%
Mon 12 Apr	100.0%	87.7%	12.3%	0.0%	0.1%
Tue 13 Apr	100.0%	86.6%	13.0%	0.0%	0.3%
Wed 14 Apr	100.0%	88.0%	11.6%	0.2%	0.2%
Thu 15 Apr	100.0%	88.1%	11.7%	0.0%	0.2%
Fri 16 Apr	100.0%	89.5%	10.3%	0.1%	0.2%
5 Day Ave.	100.0%	88.0%	11.7%	0.1%	0.2%
7 Day Ave.	100.0%	88.9%	10.9%	0.0%	0.2%

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Denbighshire ATC, Dyserth Road west of Onshore ECC (Location 3)

Direction: Westbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	8	10	6	6	2	6	2	4	6
01:00	5	3	3	1	1	1	0	1	2
02:00	4	2	1	1	2	0	1	1	2
03:00	2	3	0	0	1	2	2	1	1
04:00	3	2	2	0	0	0	2	1	1
05:00	5	1	2	3	3	3	2	3	3
06:00	14	4	12	11	13	18	20	15	13
07:00	23	6	65	76	60	62	64	65	51
08:00	35	12	170	204	194	205	185	192	144
09:00	43	38	120	120	133	116	122	122	99
10:00	100	53	98	100	105	80	105	98	92
11:00	106	62	102	98	94	125	124	109	102
12:00	87	88	105	116	103	101	119	109	103
13:00	84	97	114	99	107	107	119	109	104
14:00	115	78	130	113	115	132	134	125	117
15:00	113	78	167	165	199	175	174	176	153
16:00	97	88	143	131	141	131	144	138	125
17:00	73	72	144	160	141	160	170	155	131
18:00	67	44	106	87	120	97	96	101	88
19:00	50	51	57	49	67	99	84	71	65
20:00	42	30	44	35	48	50	50	45	43
21:00	17	21	20	22	30	20	24	23	22
22:00	23	6	11	17	22	15	26	18	17
23:00	10	3	8	8	4	7	17	9	8
Total									
12H(7-19)	943	716	1464	1469	1512	1491	1556	1498	1307
16H(6-22)	1066	822	1597	1586	1670	1678	1734	1653	1450
18H(6-24)	1099	831	1616	1611	1696	1700	1777	1680	1476
24H(0-24)	1126	852	1630	1622	1705	1712	1786	1691	1490
AM Peak	11:00 106	11:00 62	08:00 170	08:00 204	08:00 194	08:00 205	08:00 185	08:00 192	08:00 144
PM Peak	14:00 115	13:00 97	15:00 167	15:00 165	15:00 199	15:00 175	15:00 174	15:00 176	15:00 153

Direction: Eastbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	3	12	4	7	2	4	3	4	5
01:00	5	7	1	0	0	0	1	0	2
02:00	0	4	0	1	1	1	3	1	1
03:00	0	1	0	0	0	1	1	0	0
04:00	4	1	2	3	2	1	0	2	2
05:00	5	3	8	9	7	10	4	8	7
06:00	8	8	19	21	23	30	29	24	20
07:00	20	18	65	66	66	61	68	65	52
08:00	42	18	170	181	165	160	166	168	129
09:00	75	35	78	84	100	90	106	92	81
10:00	79	48	80	82	78	96	96	86	80
11:00	100	67	99	105	108	91	108	102	97
12:00	84	97	103	111	101	102	117	107	102
13:00	95	91	91	105	102	104	112	103	100
14:00	110	88	177	169	164	163	172	169	149
15:00	79	73	156	118	155	148	165	148	128
16:00	87	81	132	150	161	142	152	147	129
17:00	72	65	133	158	139	153	125	142	121
18:00	73	61	77	77	106	96	86	88	82
19:00	49	47	60	65	75	79	71	70	64
20:00	41	33	43	36	44	41	54	44	42
21:00	26	21	23	20	23	32	33	26	25
22:00	15	9	11	9	13	17	21	14	14
23:00	11	7	5	6	12	4	15	8	9
Total									
12H(7-19)	916	742	1361	1406	1445	1406	1473	1418	1250
16H(6-22)	1040	851	1506	1548	1610	1588	1660	1582	1400
18H(6-24)	1066	867	1522	1563	1635	1609	1696	1605	1423
24H(0-24)	1083	895	1537	1583	1647	1626	1708	1620	1440
AM Peak	11:00 100	11:00 67	08:00 170	08:00 181	08:00 165	08:00 160	08:00 166	08:00 168	08:00 129
PM Peak	14:00 110	12:00 97	14:00 177	14:00 169	14:00 164	14:00 163	14:00 172	14:00 169	14:00 149

Direction: Total Flow



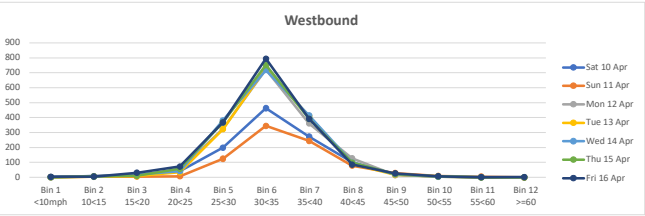
Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	11	22	10	13	4	10	5	8	11
01:00	10	10	4	1	1	1	1	2	4
02:00	4	6	1	2	3	1	4	2	3
03:00	2	4	0	0	1	3	3	1	2
04:00	7	3	4	3	2	1	2	2	3
05:00	10	4	10	12	10	13	6	10	9
06:00	22	12	31	32	36	48	49	39	33
07:00	43	24	130	142	126	123	132	131	103
08:00	77	30	340	385	359	365	351	360	272
09:00	118	73	198	204	233	206	228	214	180
10:00	179	101	178	182	183	176	201	184	171
11:00	206	129	201	203	202	216	232	211	198
12:00	171	185	208	227	204	203	236	216	205
13:00	179	188	205	204	209	211	231	212	204
14:00	225	166	307	282	279	295	306	294	266
15:00	192	151	323	283	354	323	339	324	281
16:00	184	169	275	281	302	273	296	285	254
17:00	145	137	277	318	280	313	295	297	252
18:00	140	105	183	164	226	193	182	190	170
19:00	99	98	117	114	142	178	155	141	129
20:00	83	63	87	71	92	91	104	89	84
21:00	43	42	43	42	53	52	57	49	47
22:00	38	15	22	26	35	32	47	32	31
23:00	21	10	13	14	16	11	32	17	17
Total									
12H(7-19)	1859	1458	2825	2875	2957	2897	3029	2917	2557
16H(6-22)	2106	1673	3103	3134	3280	3266	3394	3235	2851
18H(6-24)	2165	1698	3138	3174	3331	3309	3473	3285	2898
24H(0-24)	2209	1747	3167	3205	3352	3338	3494	3311	2930
AM Peak	11:00 206	11:00 129	08:00 340	08:00 385	08:00 359	08:00 365	08:00 351	08:00 360	08:00 272
PM Peak	14:00 225	13:00 188	15:00 323	17:00 318	15:00 354	15:00 323	15:00 339	15:00 324	15:00 281

Denbighshire ATC, Dyserth Road west of Onshore ECC (Location 3)

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	1126	39.5	33.3	6.0	2	8	16	41	198	463	272	102	18	5	1	0
Sun 11 Apr	852	40.9	34.7	6.0	1	5	5	7	125	344	244	78	29	9	5	0
Mon 12 Apr	1630	38.6	33.1	5.4	0	8	15	49	327	722	361	126	15	7	0	0
Tue 13 Apr	1622	38.4	33.2	5.0	1	4	9	34	322	730	410	89	17	5	1	0
Wed 14 Apr	1705	38.5	33.0	5.4	2	4	20	41	381	718	414	98	20	4	2	1
Thu 15 Apr	1712	38.3	32.9	5.2	1	6	10	58	368	751	392	98	22	6	0	0
Fri 16 Apr	1786	38.5	32.6	5.6	3	5	31	72	368	794	392	85	26	7	1	2
5 Day Ave.	1691	38.5	32.9	5.3	1	5	17	51	353	743	394	99	20	6	1	1
7 Day Ave.	1490	39.0	33.2	5.5	1	6	15	43	298	646	355	97	21	6	1	0

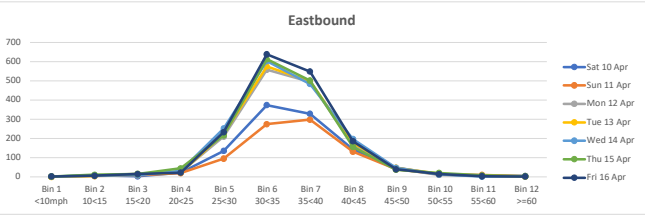
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Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	1083	42.2	35.5	6.5	1	7	3	21	135	374	329	143	48	13	5	4
Sun 11 Apr	895	43.0	35.9	6.8	1	4	8	19	95	275	298	131	39	12	10	3
Mon 12 Apr	1537	40.9	34.8	5.9	1	4	16	25	209	559	496	167	43	10	5	2
Tue 13 Apr	1583	41.0	34.9	5.8	0	4	12	23	223	576	499	177	47	17	4	1
Wed 14 Apr	1647	40.8	34.7	5.9	2	6	8	32	252	604	484	197	46	12	1	3
Thu 15 Apr	1626	41.0	34.5	6.3	2	11	15	44	216	613	502	156	37	20	7	3
Fri 16 Apr	1708	40.7	34.7	5.8	2	6	14	22	233	639	549	185	39	14	3	2
5 Day Ave.	1620	40.9	34.7	5.9	1	6	13	29	227	598	506	176	42	15	4	2
7 Day Ave.	1440	41.4	35.0	6.1	1	6	11	27	195	520	451	165	43	14	5	3

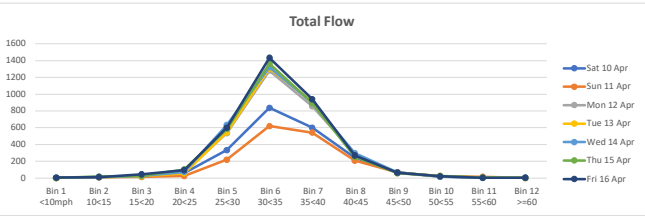
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	2209	40.9	34.4	6.3	3	15	19	62	333	837	601	245	66	18	6	4
Sun 11 Apr	1747	42.0	35.3	6.4	2	9	13	26	220	619	542	209	68	21	15	3
Mon 12 Apr	3167	39.8	33.9	5.7	1	12	31	74	536	1281	857	293	58	17	5	2
Tue 13 Apr	3205	39.7	34.1	5.5	1	8	21	57	545	1306	909	266	64	22	5	1
Wed 14 Apr	3352	39.7	33.8	5.7	4	10	28	73	633	1322	898	295	66	16	3	4
Thu 15 Apr	3338	39.7	33.7	5.8	3	17	25	102	584	1364	894	254	59	26	7	3
Fri 16 Apr	3494	39.7	33.7	5.8	5	11	45	94	601	1433	941	270	65	21	4	4
5 Day Ave.	3311	39.7	33.8	5.7	3	12	30	80	580	1341	900	276	62	20	5	3
7 Day Ave.	2930	40.2	34.1	5.9	3	12	26	70	493	1166	806	262	64	20	6	3

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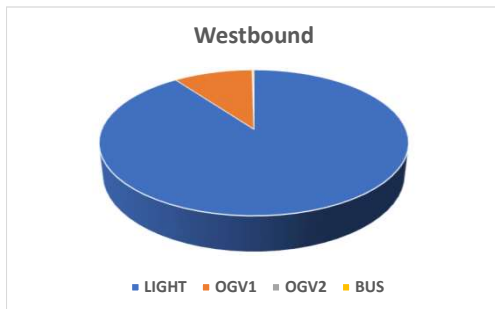
Denbighshire ATC, Dyserth Road East of Onshore ECC (Location 4)

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	1123	1046	75	1	1
Sun 11 Apr	844	794	50	0	0
Mon 12 Apr	1626	1443	182	0	1
Tue 13 Apr	1621	1422	191	3	5
Wed 14 Apr	1698	1519	175	1	3
Thu 15 Apr	1701	1509	188	1	3
Fri 16 Apr	1813	1642	166	1	4
5 Day Ave.	1692	1507	180	1	3
7 Day Ave.	1489	1339	147	1	2

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	93.1%	6.7%	0.1%	0.1%
Sun 11 Apr	100.0%	94.1%	5.9%	0.0%	0.0%
Mon 12 Apr	100.0%	88.7%	11.2%	0.0%	0.1%
Tue 13 Apr	100.0%	87.7%	11.8%	0.2%	0.3%
Wed 14 Apr	100.0%	89.5%	10.3%	0.1%	0.2%
Thu 15 Apr	100.0%	88.7%	11.1%	0.1%	0.2%
Fri 16 Apr	100.0%	90.6%	9.2%	0.1%	0.2%
5 Day Ave.	100.0%	89.1%	10.7%	0.1%	0.2%
7 Day Ave.	100.0%	89.9%	9.9%	0.1%	0.2%

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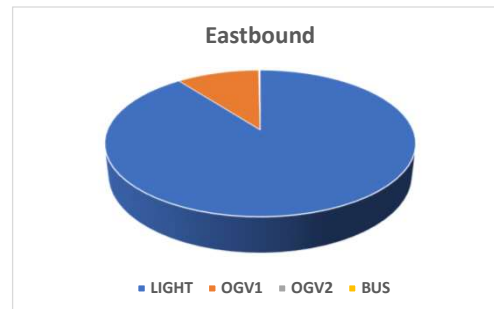


Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	1092	1013	76	2	1
Sun 11 Apr	895	838	57	0	0
Mon 12 Apr	1544	1370	172	1	1
Tue 13 Apr	1579	1391	186	1	1
Wed 14 Apr	1646	1452	189	3	2
Thu 15 Apr	1618	1437	177	0	4
Fri 16 Apr	1683	1505	176	1	1
5 Day Ave.	1614	1431	180	1	2
7 Day Ave.	1437	1287	148	1	1

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	92.8%	7.0%	0.2%	0.1%
Sun 11 Apr	100.0%	93.6%	6.4%	0.0%	0.0%
Mon 12 Apr	100.0%	88.7%	11.1%	0.1%	0.1%
Tue 13 Apr	100.0%	88.1%	11.8%	0.1%	0.1%
Wed 14 Apr	100.0%	88.2%	11.5%	0.2%	0.1%
Thu 15 Apr	100.0%	88.8%	10.9%	0.0%	0.2%
Fri 16 Apr	100.0%	89.4%	10.5%	0.1%	0.1%
5 Day Ave.	100.0%	88.7%	11.2%	0.1%	0.1%
7 Day Ave.	100.0%	89.5%	10.3%	0.1%	0.1%

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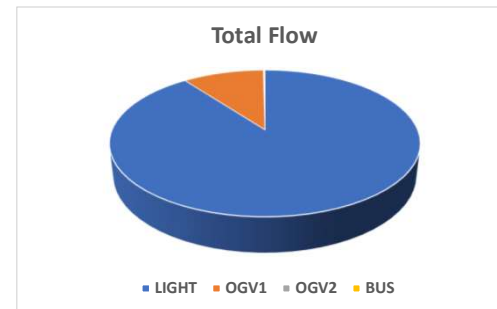


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	2215	2059	151	3	2
Sun 11 Apr	1739	1632	107	0	0
Mon 12 Apr	3170	2813	354	1	2
Tue 13 Apr	3200	2813	377	4	6
Wed 14 Apr	3344	2971	364	4	5
Thu 15 Apr	3319	2946	365	1	7
Fri 16 Apr	3496	3147	342	2	5
5 Day Ave.	3306	2938	360	2	5
7 Day Ave.	2926	2626	294	2	4

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	93.0%	6.8%	0.1%	0.1%
Sun 11 Apr	100.0%	93.8%	6.2%	0.0%	0.0%
Mon 12 Apr	100.0%	88.7%	11.2%	0.0%	0.1%
Tue 13 Apr	100.0%	87.9%	11.8%	0.1%	0.2%
Wed 14 Apr	100.0%	88.8%	10.9%	0.1%	0.1%
Thu 15 Apr	100.0%	88.8%	11.0%	0.0%	0.2%
Fri 16 Apr	100.0%	90.0%	9.8%	0.1%	0.1%
5 Day Ave.	100.0%	88.9%	10.9%	0.1%	0.2%
7 Day Ave.	100.0%	89.7%	10.1%	0.1%	0.1%

360 TSL Ltd



Denbighshire ATC, Dyserth Road East of Onshore ECC (Location 4)

Direction: Westbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	8	10	5	6	2	6	2	4	6
01:00	5	3	3	1	1	1	0	1	2
02:00	4	2	1	1	2	0	1	1	2
03:00	2	3	0	0	1	2	2	1	1
04:00	3	2	2	0	0	0	2	1	1
05:00	5	1	2	3	3	3	2	3	3
06:00	14	4	12	11	13	18	21	15	13
07:00	22	6	64	74	60	63	69	66	51
08:00	38	12	167	204	201	202	191	193	145
09:00	43	37	122	119	131	113	119	121	98
10:00	100	52	97	98	102	77	101	95	90
11:00	104	60	99	101	93	118	132	109	101
12:00	87	85	102	120	101	101	113	107	101
13:00	82	96	112	96	105	107	124	109	103
14:00	114	80	134	111	115	131	134	125	117
15:00	112	78	174	167	198	170	175	177	153
16:00	96	86	140	132	140	128	153	139	125
17:00	81	70	144	163	142	168	171	158	134
18:00	61	45	105	84	118	94	102	101	87
19:00	49	50	57	48	68	102	84	72	65
20:00	41	30	43	34	48	53	47	45	42
21:00	19	22	22	23	28	19	26	24	23
22:00	23	6	11	17	22	18	25	19	17
23:00	10	4	8	8	4	7	17	9	8
Total									
12H(7-19)	940	707	1460	1469	1506	1472	1584	1498	1305
16H(6-22)	1063	813	1594	1585	1663	1664	1762	1654	1449
18H(6-24)	1096	823	1613	1610	1689	1689	1804	1681	1475
24H(0-24)	1123	844	1626	1621	1698	1701	1813	1692	1489
AM Peak	11:00 104	11:00 60	08:00 167	08:00 204	08:00 201	08:00 202	08:00 191	08:00 193	08:00 145
PM Peak	14:00 114	13:00 96	15:00 174	15:00 167	15:00 198	15:00 170	15:00 175	15:00 177	15:00 153

Direction: Eastbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	3	12	4	7	2	4	3	4	5
01:00	5	7	1	0	0	0	1	0	2
02:00	0	4	0	1	1	1	3	1	1
03:00	0	1	0	0	0	1	1	0	0
04:00	4	1	2	3	2	1	0	2	2
05:00	5	3	8	9	7	10	4	8	7
06:00	8	8	19	21	22	28	28	24	19
07:00	22	18	65	68	66	59	68	65	52
08:00	42	17	175	182	164	165	164	170	130
09:00	75	37	81	81	100	94	103	92	82
10:00	81	48	79	83	84	92	99	87	81
11:00	100	68	101	102	106	93	105	101	96
12:00	85	98	106	110	102	103	114	107	103
13:00	96	93	91	111	104	106	112	105	102
14:00	111	85	171	165	164	161	174	167	147
15:00	81	72	151	118	154	149	160	146	126
16:00	86	84	134	147	156	142	142	144	127
17:00	69	64	138	161	141	143	127	142	120
18:00	75	59	76	77	103	97	85	88	82
19:00	50	46	60	61	73	76	70	68	62
20:00	42	33	43	37	46	40	54	44	42
21:00	26	21	23	20	24	32	30	26	25
22:00	15	9	11	9	13	17	21	14	14
23:00	11	7	5	6	12	4	15	8	9
Total									
12H(7-19)	923	743	1368	1405	1444	1404	1453	1415	1249
16H(6-22)	1049	851	1513	1544	1609	1580	1635	1576	1397
18H(6-24)	1075	867	1529	1559	1634	1601	1671	1599	1419
24H(0-24)	1092	895	1544	1579	1646	1618	1683	1614	1437
AM Peak	11:00 100	11:00 68	08:00 175	08:00 182	08:00 164	08:00 165	08:00 164	08:00 170	08:00 130
PM Peak	14:00 111	12:00 98	14:00 171	14:00 165	14:00 164	14:00 161	14:00 174	14:00 167	14:00 147



Direction: Total Flow

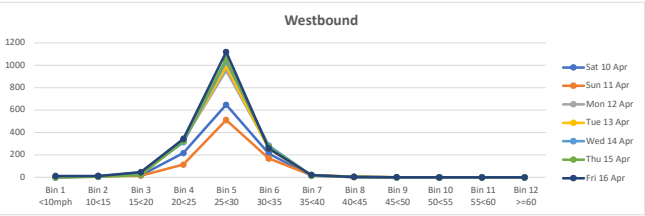
Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	11	22	9	13	4	10	5	8	11
01:00	10	10	4	1	1	1	1	2	4
02:00	4	6	1	2	3	1	4	2	3
03:00	2	4	0	0	1	3	3	1	2
04:00	7	3	4	3	2	1	2	2	3
05:00	10	4	10	12	10	13	6	10	9
06:00	22	12	31	32	35	46	49	39	32
07:00	44	24	129	142	126	122	137	131	103
08:00	80	29	342	386	365	367	355	363	275
09:00	118	74	203	200	231	207	222	213	179
10:00	181	100	176	181	186	169	200	182	170
11:00	204	128	200	203	199	211	237	210	197
12:00	172	183	208	230	203	204	227	214	204
13:00	178	189	203	207	209	213	236	214	205
14:00	225	165	305	276	279	292	308	292	264
15:00	193	150	325	285	352	319	335	323	280
16:00	182	170	274	279	296	270	295	283	252
17:00	150	134	282	324	283	311	298	300	255
18:00	136	104	181	161	221	191	187	188	169
19:00	99	96	117	109	141	178	154	140	128
20:00	83	63	86	71	94	93	101	89	84
21:00	45	43	45	43	52	51	56	49	48
22:00	38	15	22	26	35	35	46	33	31
23:00	21	11	13	14	16	11	32	17	17
Total									
12H(7-19)	1863	1450	2828	2874	2950	2876	3037	2913	2554
16H(6-22)	2112	1664	3107	3129	3272	3244	3397	3230	2846
18H(6-24)	2171	1690	3142	3169	3323	3290	3475	3280	2894
24H(0-24)	2215	1739	3170	3200	3344	3319	3496	3306	2926
AM Peak	11:00 204	11:00 128	08:00 342	08:00 386	08:00 365	08:00 367	08:00 355	08:00 363	08:00 275
PM Peak	14:00 225	13:00 189	15:00 325	17:00 324	15:00 352	15:00 319	15:00 335	15:00 323	15:00 280

Denbighshire ATC, Dyserth Road East of Onshore ECC (Location 4)

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	1123	31.4	27.3	3.9	0	12	18	217	647	212	14	3	0	0	0	0
Sun 11 Apr	844	32.0	27.8	4.0	0	9	15	114	512	169	21	4	0	0	0	0
Mon 12 Apr	1626	31.0	27.0	3.9	4	8	47	329	954	267	16	1	0	0	0	0
Tue 13 Apr	1621	30.9	27.2	3.6	2	7	27	319	991	256	17	2	0	0	0	0
Wed 14 Apr	1698	31.0	27.3	3.6	0	4	40	313	1036	283	19	3	0	0	0	0
Thu 15 Apr	1701	31.0	27.3	3.5	0	6	21	323	1057	273	16	5	0	0	0	0
Fri 16 Apr	1813	31.1	26.9	4.0	12	11	45	343	1120	257	21	3	1	0	0	0
5 Day Ave.	1692	31.0	27.1	3.7	4	7	36	325	1032	267	18	3	0	0	0	0
7 Day Ave.	1489	31.2	27.3	3.8	3	8	30	280	902	245	18	3	0	0	0	0

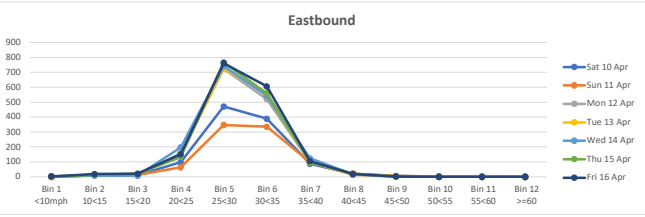
360 TSL Ltd



Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	1092	34.9	29.8	4.9	0	11	10	97	471	389	88	19	6	1	0	0
Sun 11 Apr	895	35.8	30.4	5.2	0	9	12	63	347	336	99	22	5	1	1	0
Mon 12 Apr	1544	33.9	29.2	4.5	3	12	14	156	725	521	97	14	2	0	0	0
Tue 13 Apr	1579	34.0	29.4	4.4	0	10	18	149	729	555	100	14	3	1	0	0
Wed 14 Apr	1646	34.0	29.3	4.5	2	8	8	198	742	545	124	16	2	1	0	0
Thu 15 Apr	1618	34.1	29.4	4.5	2	13	20	133	767	560	99	21	1	2	0	0
Fri 16 Apr	1683	34.1	29.4	4.6	2	18	20	151	761	606	105	18	2	0	0	0
5 Day Ave.	1614	34.0	29.3	4.5	2	12	16	157	745	557	105	17	2	1	0	0
7 Day Ave.	1437	34.4	29.6	4.7	1	12	15	135	649	502	102	18	3	1	0	0

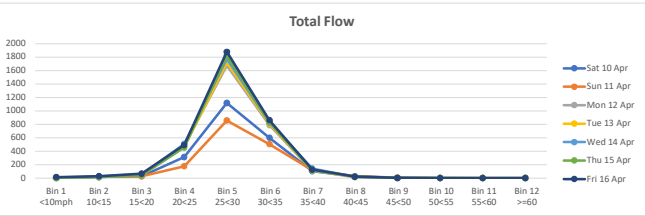
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	2215	33.3	28.5	4.6	0	23	28	314	1118	601	102	22	6	1	0	0
Sun 11 Apr	1739	34.1	29.1	4.8	0	18	27	177	859	505	120	26	5	1	1	0
Mon 12 Apr	3170	32.6	28.1	4.3	7	20	61	485	1679	788	113	15	2	0	0	0
Tue 13 Apr	3200	32.6	28.3	4.2	2	17	45	468	1720	811	117	16	3	1	0	0
Wed 14 Apr	3344	32.7	28.3	4.2	2	12	48	511	1778	828	143	19	2	1	0	0
Thu 15 Apr	3319	32.7	28.3	4.2	2	19	41	456	1824	833	115	26	1	2	0	0
Fri 16 Apr	3496	32.7	28.1	4.5	14	29	65	494	1881	863	126	21	3	0	0	0
5 Day Ave.	3306	32.7	28.2	4.3	5	19	52	483	1776	825	123	19	2	1	0	0
7 Day Ave.	2926	33.0	28.4	4.4	4	20	45	415	1551	747	119	21	3	1	0	0

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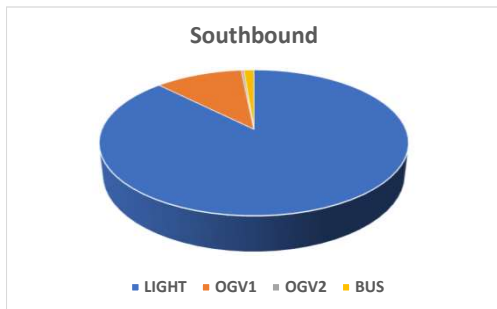
Denbighshire ATC, A547 eastern Rhuddlan Bypass (Location 6)

Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	5257	4774	435	11	37
Sun 11 Apr	4064	3735	301	6	22
Mon 12 Apr	6297	5401	780	25	91
Tue 13 Apr	6611	5716	770	25	100
Wed 14 Apr	6569	5683	771	22	93
Thu 15 Apr	6900	5962	812	20	106
Fri 16 Apr	7220	6297	801	23	99
5 Day Ave.	6719	5812	787	23	98
7 Day Ave.	6131	5367	667	19	78

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	90.8%	8.3%	0.2%	0.7%
Sun 11 Apr	100.0%	91.9%	7.4%	0.1%	0.5%
Mon 12 Apr	100.0%	85.8%	12.4%	0.4%	1.4%
Tue 13 Apr	100.0%	86.5%	11.6%	0.4%	1.5%
Wed 14 Apr	100.0%	86.5%	11.7%	0.3%	1.4%
Thu 15 Apr	100.0%	86.4%	11.8%	0.3%	1.5%
Fri 16 Apr	100.0%	87.2%	11.1%	0.3%	1.4%
5 Day Ave.	100.0%	86.5%	11.7%	0.3%	1.5%
7 Day Ave.	100.0%	87.5%	10.9%	0.3%	1.3%

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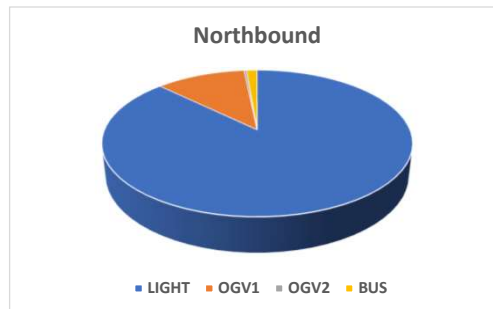


Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	4891	4405	433	6	47
Sun 11 Apr	3803	3464	312	2	25
Mon 12 Apr	5791	4962	712	27	90
Tue 13 Apr	5947	5122	715	15	95
Wed 14 Apr	5870	5086	678	22	84
Thu 15 Apr	6070	5219	733	31	87
Fri 16 Apr	6720	5851	769	18	82
5 Day Ave.	6080	5248	721	23	88
7 Day Ave.	5585	4873	622	17	73

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	90.1%	8.9%	0.1%	1.0%
Sun 11 Apr	100.0%	91.1%	8.2%	0.1%	0.7%
Mon 12 Apr	100.0%	85.7%	12.3%	0.5%	1.6%
Tue 13 Apr	100.0%	86.1%	12.0%	0.3%	1.6%
Wed 14 Apr	100.0%	86.6%	11.6%	0.4%	1.4%
Thu 15 Apr	100.0%	86.0%	12.1%	0.5%	1.4%
Fri 16 Apr	100.0%	87.1%	11.4%	0.3%	1.2%
5 Day Ave.	100.0%	86.3%	11.9%	0.4%	1.4%
7 Day Ave.	100.0%	87.3%	11.1%	0.3%	1.3%

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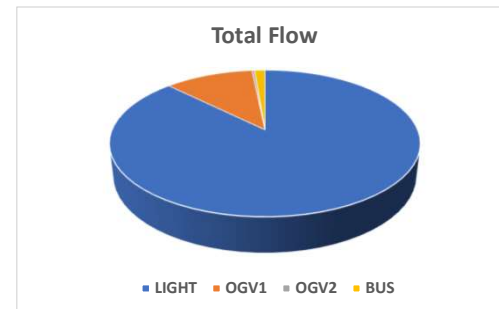


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	10148	9179	868	17	84
Sun 11 Apr	7867	7199	613	8	47
Mon 12 Apr	12088	10363	1492	52	181
Tue 13 Apr	12558	10838	1485	40	195
Wed 14 Apr	12439	10769	1449	44	177
Thu 15 Apr	12970	11181	1545	51	193
Fri 16 Apr	13940	12148	1570	41	181
5 Day Ave.	12799	11060	1508	46	185
7 Day Ave.	11716	10240	1289	36	151

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	90.5%	8.6%	0.2%	0.8%
Sun 11 Apr	100.0%	91.5%	7.8%	0.1%	0.6%
Mon 12 Apr	100.0%	85.7%	12.3%	0.4%	1.5%
Tue 13 Apr	100.0%	86.3%	11.8%	0.3%	1.6%
Wed 14 Apr	100.0%	86.6%	11.6%	0.4%	1.4%
Thu 15 Apr	100.0%	86.2%	11.9%	0.4%	1.5%
Fri 16 Apr	100.0%	87.1%	11.3%	0.3%	1.3%
5 Day Ave.	100.0%	86.4%	11.8%	0.4%	1.4%
7 Day Ave.	100.0%	87.4%	11.0%	0.3%	1.3%

360 TSL Ltd



Denbighshire ATC, A547 eastern Rhuddlan Bypass (Location 6)

Direction: Southbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	20	22	11	10	11	11	11	11	14
01:00	8	5	8	6	3	8	5	6	6
02:00	6	7	5	1	6	2	7	4	5
03:00	2	4	4	2	2	4	6	4	3
04:00	8	5	12	3	5	13	9	8	8
05:00	17	14	22	22	20	27	27	24	21
06:00	40	25	78	76	84	71	68	75	63
07:00	90	41	263	243	269	274	259	262	206
08:00	199	90	474	484	500	528	493	496	395
09:00	312	128	420	434	426	461	459	440	377
10:00	376	284	363	435	404	425	445	414	390
11:00	456	412	428	483	446	479	528	473	462
12:00	493	484	475	516	480	538	557	513	506
13:00	484	511	479	463	507	472	538	492	493
14:00	531	434	510	612	524	533	608	557	536
15:00	486	469	624	620	616	644	723	645	597
16:00	436	329	579	641	613	661	741	647	571
17:00	426	237	658	660	706	688	637	670	573
18:00	324	175	376	369	365	418	404	386	347
19:00	235	143	202	250	277	283	297	262	241
20:00	153	111	162	135	165	177	179	164	155
21:00	81	72	86	81	73	101	116	91	87
22:00	44	43	40	51	47	56	69	53	50
23:00	30	19	18	14	20	26	34	22	23
Total									
12H(7-19)	4613	3594	5649	5960	5856	6121	6392	5996	5455
16H(6-22)	5122	3945	6177	6502	6455	6753	7052	6588	6001
18H(6-24)	5196	4007	6235	6567	6522	6835	7155	6663	6074
24H(0-24)	5257	4064	6297	6611	6569	6900	7220	6719	6131
AM Peak	11:00 456	11:00 412	08:00 474	08:00 484	08:00 500	08:00 528	11:00 528	08:00 496	11:00 462
PM Peak	14:00 531	13:00 511	17:00 658	17:00 660	17:00 706	17:00 688	16:00 741	17:00 670	15:00 597

Direction: Northbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	11	18	11	5	5	9	6	7	9
01:00	3	13	3	2	2	5	4	3	5
02:00	2	7	3	4	3	4	4	4	4
03:00	7	8	8	9	11	8	7	9	8
04:00	9	4	14	8	7	10	8	9	9
05:00	15	9	34	26	27	27	25	28	23
06:00	43	25	76	74	72	82	78	76	64
07:00	97	38	281	324	315	330	303	311	241
08:00	205	78	545	551	541	546	558	548	432
09:00	283	203	401	398	397	412	456	413	364
10:00	396	374	410	430	444	454	469	441	425
11:00	440	411	438	437	436	468	501	456	447
12:00	487	410	425	474	404	460	521	457	454
13:00	492	420	463	495	450	452	502	472	468
14:00	428	434	473	451	483	438	551	479	465
15:00	422	356	495	536	482	463	555	506	473
16:00	410	250	448	473	490	471	605	497	450
17:00	305	211	441	447	469	461	508	465	406
18:00	286	178	309	310	337	390	407	351	317
19:00	226	142	199	202	224	250	277	230	217
20:00	146	104	150	133	125	162	192	152	145
21:00	88	61	97	87	68	93	116	92	87
22:00	58	32	48	40	49	54	43	47	46
23:00	32	17	19	31	29	21	24	25	25
Total									
12H(7-19)	4251	3363	5129	5326	5248	5345	5936	5397	4943
16H(6-22)	4754	3695	5651	5822	5737	5932	6599	5948	5456
18H(6-24)	4844	3744	5718	5893	5815	6007	6666	6020	5527
24H(0-24)	4891	3803	5791	5947	5870	6070	6720	6080	5585
AM Peak	11:00 440	11:00 411	08:00 545	08:00 551	08:00 541	08:00 546	08:00 558	08:00 548	11:00 447
PM Peak	13:00 492	14:00 434	15:00 495	15:00 536	16:00 490	16:00 471	16:00 605	15:00 506	15:00 473



Direction: Total Flow

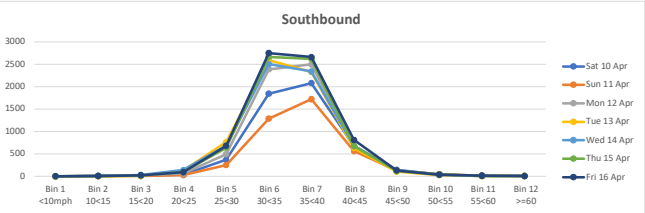
Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	31	40	22	15	16	20	17	18	23
01:00	11	18	11	8	5	13	9	9	11
02:00	8	14	8	5	9	6	11	8	9
03:00	9	12	12	11	13	12	13	12	12
04:00	17	9	26	11	12	23	17	18	16
05:00	32	23	56	48	47	54	52	51	45
06:00	83	50	154	150	156	153	146	152	127
07:00	187	79	544	567	584	604	562	572	447
08:00	404	168	1019	1035	1041	1074	1051	1044	827
09:00	595	331	821	832	823	873	915	853	741
10:00	772	658	773	865	848	879	914	856	816
11:00	896	823	866	920	882	947	1029	929	909
12:00	980	894	900	990	884	998	1078	970	961
13:00	976	931	942	958	957	924	1040	964	961
14:00	959	868	983	1063	1007	971	1159	1037	1001
15:00	908	825	1119	1156	1098	1107	1278	1152	1070
16:00	846	579	1027	1114	1103	1132	1346	1144	1021
17:00	731	448	1099	1107	1175	1149	1145	1135	979
18:00	610	353	685	679	702	808	811	737	664
19:00	461	285	401	452	501	533	574	492	458
20:00	299	215	312	268	290	339	371	316	299
21:00	169	133	183	168	141	194	232	184	174
22:00	102	75	88	91	96	110	112	99	96
23:00	62	36	37	45	49	47	58	47	48
Total									
12H(7-19)	8864	6957	10778	11286	11104	11466	12328	11392	10398
16H(6-22)	9876	7640	11828	12324	12192	12685	13651	12536	11457
18H(6-24)	10040	7751	11953	12460	12337	12842	13821	12683	11601
24H(0-24)	10148	7867	12088	12558	12439	12970	13940	12799	11716
AM Peak	11:00 896	11:00 823	08:00 1019	08:00 1035	08:00 1041	08:00 1074	08:00 1051	08:00 1044	11:00 909
PM Peak	12:00 980	13:00 931	15:00 1119	15:00 1156	17:00 1175	17:00 1149	16:00 1346	15:00 1152	15:00 1070

Denbighshire ATC, A547 eastern Rhuddlan Bypass (Location 6)

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	5257	41.5	36.0	5.3	1	5	20	38	368	1843	2080	683	146	46	17	10
Sun 11 Apr	4064	41.9	36.4	5.3	0	6	5	29	251	1289	1721	566	132	43	15	7
Mon 12 Apr	6297	40.5	35.4	4.9	1	5	23	65	493	2388	2496	667	112	33	6	8
Tue 13 Apr	6611	40.0	34.8	5.1	3	2	13	129	762	2595	2330	631	107	29	5	5
Wed 14 Apr	6569	40.4	34.9	5.3	2	8	33	139	685	2503	2340	675	136	34	9	5
Thu 15 Apr	6900	40.4	35.2	5.0	1	7	15	99	638	2667	2620	675	121	41	9	7
Fri 16 Apr	7220	40.5	35.2	5.1	3	8	22	93	682	2751	2661	813	130	39	13	5
5 Day Ave.	6719	40.4	35.1	5.1	2	6	21	105	652	2581	2489	692	121	35	8	6
7 Day Ave.	6131	40.8	35.4	5.1	2	6	19	85	554	2291	2321	673	126	38	11	7

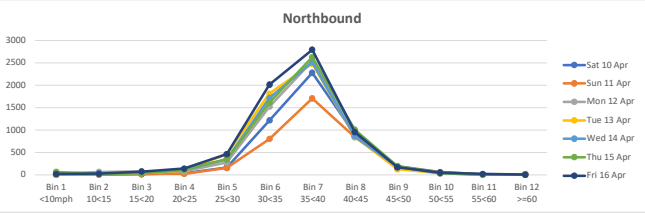
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Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	4891	42.6	37.3	5.2	1	6	15	35	164	1216	2281	905	189	60	12	7
Sun 11 Apr	3803	43.4	37.7	5.5	2	2	24	23	153	801	1708	843	175	51	7	14
Mon 12 Apr	5791	42.5	36.1	6.2	26	64	78	78	276	1525	2545	984	168	34	9	4
Tue 13 Apr	5947	41.5	35.8	5.5	9	18	37	91	463	1812	2489	847	127	35	9	10
Wed 14 Apr	5870	42.0	35.9	5.9	29	37	44	101	344	1718	2515	859	175	35	9	4
Thu 15 Apr	6070	42.5	36.1	6.1	63	17	33	109	349	1615	2629	1009	193	42	5	6
Fri 16 Apr	6720	41.8	35.7	5.8	19	24	72	141	462	2015	2796	954	168	48	16	5
5 Day Ave.	6080	42.1	35.9	5.9	29	32	53	104	379	1737	2595	931	166	39	10	6
7 Day Ave.	5585	42.4	36.4	5.8	21	24	43	83	316	1529	2423	914	171	44	10	7

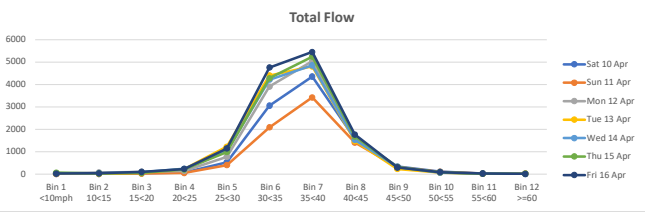
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	10148	42.1	36.6	5.3	2	11	35	73	532	3059	4361	1588	335	106	29	17
Sun 11 Apr	7867	42.7	37.0	5.4	2	8	29	52	404	2090	3429	1409	307	94	22	21
Mon 12 Apr	12088	41.5	35.7	5.6	27	69	101	143	769	3913	5041	1651	280	67	15	12
Tue 13 Apr	12558	40.8	35.3	5.3	12	20	50	220	1225	4407	4819	1478	234	64	14	15
Wed 14 Apr	12439	41.2	35.4	5.6	31	45	77	240	1029	4221	4855	1534	311	69	18	9
Thu 15 Apr	12970	41.4	35.6	5.6	64	24	48	208	987	4282	5249	1684	314	83	14	13
Fri 16 Apr	13940	41.2	35.5	5.5	22	32	94	234	1144	4766	5457	1767	298	87	29	10
5 Day Ave.	12799	41.2	35.5	5.5	31	38	74	209	1031	4318	5084	1623	287	74	18	12
7 Day Ave.	11716	41.6	35.9	5.5	23	30	62	167	870	3820	4744	1587	297	81	20	14

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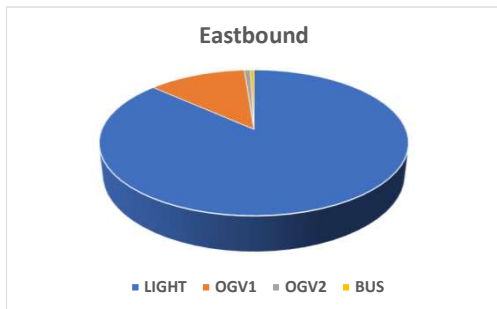
Denbighshire ATC, A547 Abergele Road (Location 9)

Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	5485	4971	489	19	6
Sun 11 Apr	4525	4203	309	11	2
Mon 12 Apr	6384	5381	911	55	37
Tue 13 Apr	6782	5783	903	64	32
Wed 14 Apr	7099	6029	948	75	47
Thu 15 Apr	7193	6117	975	64	37
Fri 16 Apr	7293	6294	910	49	40
5 Day Ave.	6950	5921	929	61	39
7 Day Ave.	6394	5540	778	48	29

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	90.6%	8.9%	0.3%	0.1%
Sun 11 Apr	100.0%	92.9%	6.8%	0.2%	0.0%
Mon 12 Apr	100.0%	84.3%	14.3%	0.9%	0.6%
Tue 13 Apr	100.0%	85.3%	13.3%	0.9%	0.5%
Wed 14 Apr	100.0%	84.9%	13.4%	1.1%	0.7%
Thu 15 Apr	100.0%	85.0%	13.6%	0.9%	0.5%
Fri 16 Apr	100.0%	86.3%	12.5%	0.7%	0.5%
5 Day Ave.	100.0%	85.2%	13.4%	0.9%	0.6%
7 Day Ave.	100.0%	86.6%	12.2%	0.8%	0.4%

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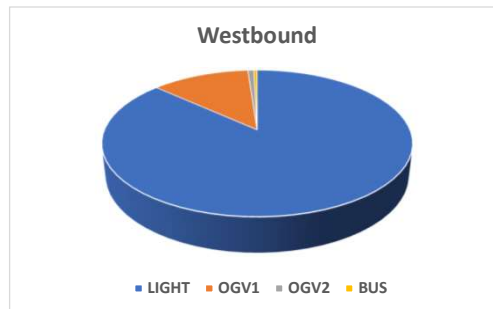


Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	5449	4974	439	27	9
Sun 11 Apr	4232	3960	258	11	3
Mon 12 Apr	6676	5666	932	48	30
Tue 13 Apr	6572	5576	908	48	40
Wed 14 Apr	6881	5827	949	77	28
Thu 15 Apr	7020	5962	960	65	33
Fri 16 Apr	7558	6517	946	57	38
5 Day Ave.	6941	5910	939	59	34
7 Day Ave.	6341	5497	770	48	26

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	91.3%	8.1%	0.5%	0.2%
Sun 11 Apr	100.0%	93.6%	6.1%	0.3%	0.1%
Mon 12 Apr	100.0%	84.9%	14.0%	0.7%	0.4%
Tue 13 Apr	100.0%	84.8%	13.8%	0.7%	0.6%
Wed 14 Apr	100.0%	84.7%	13.8%	1.1%	0.4%
Thu 15 Apr	100.0%	84.9%	13.7%	0.9%	0.5%
Fri 16 Apr	100.0%	86.2%	12.5%	0.8%	0.5%
5 Day Ave.	100.0%	85.1%	13.5%	0.8%	0.5%
7 Day Ave.	100.0%	86.7%	12.1%	0.8%	0.4%

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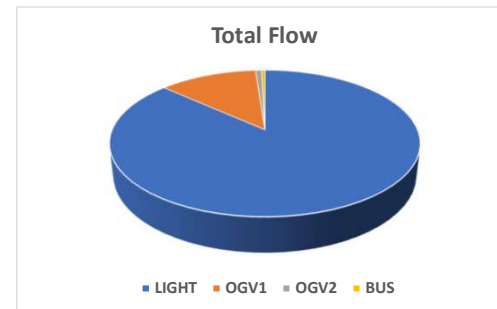


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	10934	9945	928	46	15
Sun 11 Apr	8757	8163	567	22	5
Mon 12 Apr	13060	11047	1843	103	67
Tue 13 Apr	13354	11359	1811	112	72
Wed 14 Apr	13980	11856	1897	152	75
Thu 15 Apr	14213	12079	1935	129	70
Fri 16 Apr	14851	12811	1856	106	78
5 Day Ave.	13892	11830	1868	120	72
7 Day Ave.	12736	11037	1548	96	55

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	91.0%	8.5%	0.4%	0.1%
Sun 11 Apr	100.0%	93.2%	6.5%	0.3%	0.1%
Mon 12 Apr	100.0%	84.6%	14.1%	0.8%	0.5%
Tue 13 Apr	100.0%	85.1%	13.6%	0.8%	0.5%
Wed 14 Apr	100.0%	84.8%	13.6%	1.1%	0.5%
Thu 15 Apr	100.0%	85.0%	13.6%	0.9%	0.5%
Fri 16 Apr	100.0%	86.3%	12.5%	0.7%	0.5%
5 Day Ave.	100.0%	85.2%	13.4%	0.9%	0.5%
7 Day Ave.	100.0%	86.7%	12.2%	0.8%	0.4%

360 TSL Ltd



Denbighshire ATC, A547 Abergele Road (Location 9)

Direction: Eastbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	23	18	12	12	8	13	17	12	15
01:00	8	11	4	4	6	5	11	6	7
02:00	7	4	7	13	9	10	11	10	9
03:00	12	11	7	8	10	9	11	9	10
04:00	15	6	14	16	12	19	15	15	14
05:00	27	10	49	39	35	46	38	41	35
06:00	55	28	109	115	117	115	111	113	93
07:00	112	66	336	360	377	355	337	353	278
08:00	231	71	486	549	563	563	531	538	428
09:00	312	180	351	422	485	431	475	433	379
10:00	386	314	375	400	458	406	462	420	400
11:00	446	387	433	442	416	464	486	448	439
12:00	465	486	464	472	496	518	493	489	485
13:00	552	503	474	504	485	518	527	502	509
14:00	538	510	542	592	620	615	627	599	578
15:00	497	459	502	590	587	590	707	595	562
16:00	479	424	605	630	656	682	661	647	591
17:00	416	335	615	621	666	667	572	628	556
18:00	299	217	380	369	403	432	426	402	361
19:00	205	177	257	253	276	307	313	281	255
20:00	160	147	174	174	196	190	226	192	181
21:00	129	100	97	107	115	125	128	114	114
22:00	71	43	61	65	74	76	71	69	66
23:00	40	18	30	25	29	37	37	32	31
Total									
12H(7-19)	4733	3952	5563	5951	6212	6241	6304	6054	5565
16H(6-22)	5282	4404	6200	6600	6916	6978	7082	6755	6209
18H(6-24)	5393	4465	6291	6690	7019	7091	7190	6856	6306
24H(0-24)	5485	4525	6384	6782	7099	7193	7293	6950	6394
AM Peak	11:00 446	11:00 387	08:00 486	08:00 549	08:00 563	08:00 563	08:00 531	08:00 538	11:00 439
PM Peak	13:00 552	14:00 510	17:00 615	16:00 630	17:00 666	16:00 682	15:00 707	16:00 647	16:00 591

Direction: Westbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	19	17	21	13	13	7	17	14	15
01:00	19	7	7	6	3	11	11	8	9
02:00	8	10	6	11	12	9	7	9	9
03:00	12	3	11	8	13	11	19	12	11
04:00	11	5	14	21	20	17	17	18	15
05:00	44	11	48	50	66	67	63	59	50
06:00	67	43	174	175	167	171	183	174	140
07:00	146	86	422	388	427	416	395	410	326
08:00	271	126	601	621	604	580	610	603	488
09:00	342	193	454	440	469	473	469	461	406
10:00	453	390	465	433	455	506	477	467	454
11:00	514	468	475	500	524	510	506	503	500
12:00	599	509	482	474	489	527	449	484	504
13:00	540	527	523	497	488	472	575	511	517
14:00	475	430	501	484	532	545	606	534	510
15:00	430	358	543	537	542	549	661	566	517
16:00	392	292	579	558	543	562	705	589	519
17:00	288	176	551	539	586	546	645	573	476
18:00	277	181	323	319	360	394	401	359	322
19:00	195	156	217	221	242	261	308	250	229
20:00	162	113	109	133	133	166	188	146	143
21:00	86	65	70	73	95	118	137	99	92
22:00	64	42	56	48	79	69	69	64	61
23:00	35	24	24	23	19	33	40	28	28
Total									
12H(7-19)	4727	3736	5919	5790	6019	6080	6499	6061	5539
16H(6-22)	5237	4113	6489	6392	6656	6796	7315	6730	6143
18H(6-24)	5336	4179	6569	6463	6754	6898	7424	6822	6232
24H(0-24)	5449	4232	6676	6572	6881	7020	7558	6941	6341
AM Peak	11:00 514	11:00 468	08:00 601	08:00 621	08:00 604	08:00 580	08:00 610	08:00 603	11:00 500
PM Peak	12:00 599	13:00 527	16:00 579	16:00 558	17:00 586	16:00 562	16:00 705	16:00 589	16:00 519



Direction: Total Flow

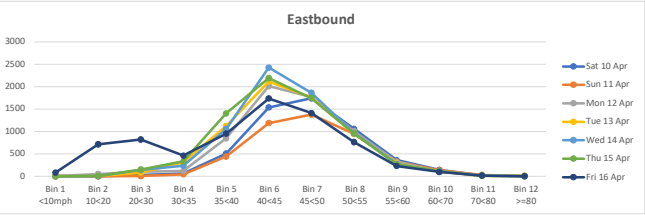
Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	42	35	33	25	21	20	34	27	30
01:00	27	18	11	10	9	16	22	14	16
02:00	15	14	13	24	21	19	18	19	18
03:00	24	14	18	16	23	20	30	21	21
04:00	26	11	28	37	32	36	32	33	29
05:00	71	21	97	89	101	113	101	100	85
06:00	122	71	283	290	284	286	294	287	233
07:00	258	152	758	748	804	771	732	763	603
08:00	502	197	1087	1170	1167	1143	1141	1142	915
09:00	654	373	805	862	954	904	944	894	785
10:00	839	704	840	833	913	912	939	887	854
11:00	960	855	908	942	940	974	992	951	939
12:00	1064	995	946	946	985	1045	942	973	989
13:00	1092	1030	997	1001	973	990	1102	1013	1026
14:00	1013	940	1043	1076	1152	1160	1233	1133	1088
15:00	927	817	1045	1127	1129	1139	1368	1162	1079
16:00	871	716	1184	1188	1199	1244	1366	1236	1110
17:00	704	511	1166	1160	1252	1213	1217	1202	1032
18:00	576	398	703	688	763	826	827	761	683
19:00	400	333	474	474	518	568	621	531	484
20:00	322	260	283	307	329	356	414	338	324
21:00	215	165	167	180	210	243	265	213	206
22:00	135	85	117	113	153	145	140	134	127
23:00	75	42	54	48	48	70	77	59	59
Total									
12H(7-19)	9460	7688	11482	11741	12231	12321	12803	12116	11104
16H(6-22)	10519	8517	12689	12992	13572	13774	14397	13485	12351
18H(6-24)	10729	8644	12860	13153	13773	13989	14614	13678	12537
24H(0-24)	10934	8757	13060	13354	13980	14213	14851	13892	12736
AM Peak	11:00 960	11:00 855	08:00 1087	08:00 1170	08:00 1167	08:00 1143	08:00 1141	08:00 1142	11:00 939
PM Peak	13:00 1092	13:00 1030	16:00 1184	16:00 1188	17:00 1252	16:00 1244	15:00 1368	16:00 1236	16:00 1110

Denbighshire ATC, A547 Abergele Road (Location 9)

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Sat 10 Apr	5485	54.1	47.1	6.8	3	3	26	68	509	1537	1742	1062	364	147	20	4
Sun 11 Apr	4525	54.9	47.5	7.2	10	0	6	47	443	1189	1379	950	329	135	28	9
Mon 12 Apr	6384	53.1	45.4	7.5	4	53	100	121	849	2013	1775	1009	327	109	20	4
Tue 13 Apr	6782	52.2	44.8	7.1	0	8	81	313	1125	2115	1766	952	296	106	8	12
Wed 14 Apr	7099	51.9	44.7	7.0	1	6	140	236	1058	2428	1865	964	277	108	11	5
Thu 15 Apr	7193	51.7	44.2	7.3	0	8	153	337	1404	2193	1746	956	263	115	16	2
Fri 16 Apr	7293	51.8	39.0	12.3	84	714	822	461	950	1738	1411	763	231	99	18	2
5 Day Ave.	6950	52.2	43.6	8.2	18	158	259	294	1077	2097	1713	929	279	107	15	5
7 Day Ave.	6394	52.8	44.7	7.9	15	113	190	226	905	1888	1669	951	298	117	17	5

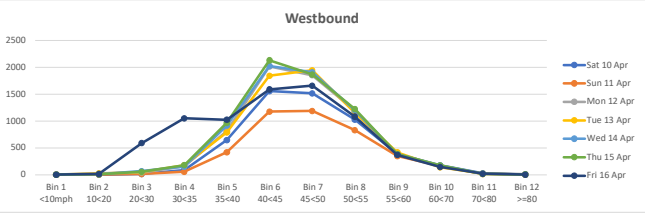
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Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Sat 10 Apr	5449	54.3	46.9	7.1	1	1	16	90	647	1561	1517	1029	385	174	25	3
Sun 11 Apr	4232	55.1	47.4	7.4	1	5	17	55	419	1178	1190	829	350	163	17	8
Mon 12 Apr	6676	53.6	46.1	7.2	7	25	41	158	816	2018	1854	1193	381	163	18	2
Tue 13 Apr	6572	53.7	46.2	7.2	3	23	51	175	791	1843	1947	1154	418	141	23	3
Wed 14 Apr	6881	53.6	46.1	7.3	4	11	68	154	917	2026	1909	1204	384	173	23	8
Thu 15 Apr	7020	53.3	45.9	7.2	3	12	56	179	966	2133	1868	1226	382	175	14	6
Fri 16 Apr	7558	52.5	42.8	9.4	2	15	590	1053	1025	1589	1658	1084	370	145	22	5
5 Day Ave.	6941	53.3	45.4	7.7	4	17	161	344	903	1922	1847	1172	387	159	20	5
7 Day Ave.	6341	53.7	45.9	7.5	3	13	120	266	797	1764	1706	1103	381	162	20	5

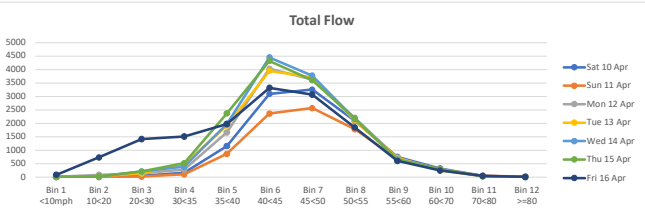
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Sat 10 Apr	10934	54.2	47.0	6.9	4	4	42	158	1156	3098	3259	2091	749	321	45	7
Sun 11 Apr	8757	55.0	47.5	7.3	11	5	23	102	862	2367	2569	1779	679	298	45	17
Mon 12 Apr	13060	53.4	45.7	7.4	11	78	141	279	1665	4031	3629	2202	708	272	38	6
Tue 13 Apr	13354	53.0	45.5	7.2	3	31	132	488	1916	3958	3713	2106	714	247	31	15
Wed 14 Apr	13980	52.8	45.4	7.2	5	17	208	390	1975	4454	3774	2168	661	281	34	13
Thu 15 Apr	14213	52.6	45.0	7.3	3	20	209	516	2370	4326	3614	2182	645	290	30	8
Fri 16 Apr	14851	52.5	41.0	11.1	86	729	1412	1514	1975	3327	3069	1847	601	244	40	7
5 Day Ave.	13892	52.8	44.5	8.0	22	175	420	637	1980	4019	3560	2101	666	267	35	10
7 Day Ave.	12736	53.3	45.3	7.8	18	126	310	492	1703	3652	3375	2054	680	279	38	10

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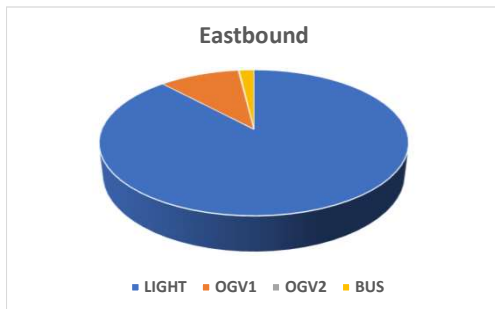
Denbighshire ATC, Sarn Lane (Location 10)

Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	1692	1492	154	0	46
Sun 11 Apr	1416	1266	128	1	21
Mon 12 Apr	3156	2797	295	4	60
Tue 13 Apr	3325	2908	352	5	60
Wed 14 Apr	3275	2891	321	5	58
Thu 15 Apr	3281	2877	346	2	56
Fri 16 Apr	3199	2806	332	6	55
5 Day Ave.	3247	2856	329	4	58
7 Day Ave.	2763	2434	275	3	51

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	88.2%	9.1%	0.0%	2.7%
Sun 11 Apr	100.0%	89.4%	9.0%	0.1%	1.5%
Mon 12 Apr	100.0%	88.6%	9.3%	0.1%	1.9%
Tue 13 Apr	100.0%	87.5%	10.6%	0.2%	1.8%
Wed 14 Apr	100.0%	88.3%	9.8%	0.2%	1.8%
Thu 15 Apr	100.0%	87.7%	10.5%	0.1%	1.7%
Fri 16 Apr	100.0%	87.7%	10.4%	0.2%	1.7%
5 Day Ave.	100.0%	87.9%	10.1%	0.1%	1.8%
7 Day Ave.	100.0%	88.1%	10.0%	0.1%	1.8%

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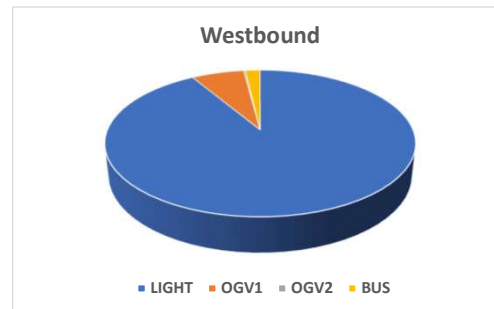


Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	1658	1519	94	0	45
Sun 11 Apr	1437	1344	69	0	24
Mon 12 Apr	3153	2880	214	5	54
Tue 13 Apr	3402	3093	239	9	61
Wed 14 Apr	3344	3047	226	6	65
Thu 15 Apr	3382	3091	225	6	60
Fri 16 Apr	3170	2895	210	13	52
5 Day Ave.	3290	3001	223	8	58
7 Day Ave.	2792	2553	182	6	52

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	91.6%	5.7%	0.0%	2.7%
Sun 11 Apr	100.0%	93.5%	4.8%	0.0%	1.7%
Mon 12 Apr	100.0%	91.3%	6.8%	0.2%	1.7%
Tue 13 Apr	100.0%	90.9%	7.0%	0.3%	1.8%
Wed 14 Apr	100.0%	91.1%	6.8%	0.2%	1.9%
Thu 15 Apr	100.0%	91.4%	6.7%	0.2%	1.8%
Fri 16 Apr	100.0%	91.3%	6.6%	0.4%	1.6%
5 Day Ave.	100.0%	91.2%	6.8%	0.2%	1.8%
7 Day Ave.	100.0%	91.4%	6.5%	0.2%	1.8%

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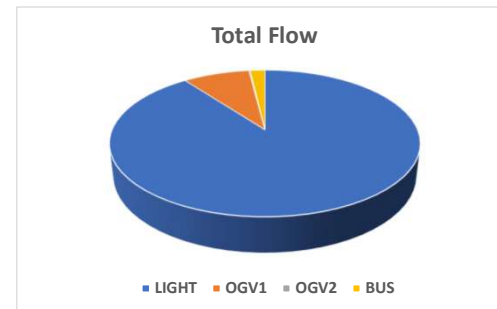


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	3350	3011	248	0	91
Sun 11 Apr	2853	2610	197	1	45
Mon 12 Apr	6309	5677	509	9	114
Tue 13 Apr	6727	6001	591	14	121
Wed 14 Apr	6619	5938	547	11	123
Thu 15 Apr	6663	5968	571	8	116
Fri 16 Apr	6369	5701	542	19	107
5 Day Ave.	6537	5857	552	12	116
7 Day Ave.	5556	4987	458	9	102

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	89.9%	7.4%	0.0%	2.7%
Sun 11 Apr	100.0%	91.5%	6.9%	0.0%	1.6%
Mon 12 Apr	100.0%	90.0%	8.1%	0.1%	1.8%
Tue 13 Apr	100.0%	89.2%	8.8%	0.2%	1.8%
Wed 14 Apr	100.0%	89.7%	8.3%	0.2%	1.9%
Thu 15 Apr	100.0%	89.6%	8.6%	0.1%	1.7%
Fri 16 Apr	100.0%	89.5%	8.5%	0.3%	1.7%
5 Day Ave.	100.0%	89.6%	8.4%	0.2%	1.8%
7 Day Ave.	100.0%	89.8%	8.2%	0.2%	1.8%

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Denbighshire ATC, Sarn Lane (Location 10)

Direction: Eastbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	10	8	10	5	9	14	10	10	9
01:00	10	0	6	9	8	8	6	7	7
02:00	4	4	5	4	5	6	7	5	5
03:00	4	5	5	3	5	6	2	4	4
04:00	3	4	8	12	8	13	5	9	8
05:00	17	12	23	23	17	19	23	21	19
06:00	23	19	62	66	73	72	61	67	54
07:00	66	34	113	106	110	101	112	108	92
08:00	103	75	205	193	196	192	207	199	167
09:00	89	69	141	182	173	175	168	168	142
10:00	101	95	175	170	183	177	173	176	153
11:00	127	99	172	171	161	175	184	173	156
12:00	143	143	192	220	188	217	220	207	189
13:00	147	115	215	210	212	213	235	217	192
14:00	170	128	309	317	307	301	287	304	260
15:00	130	120	268	273	266	267	233	261	222
16:00	93	88	388	390	405	377	391	390	305
17:00	108	86	354	422	398	392	326	378	298
18:00	93	76	129	160	144	154	168	151	132
19:00	74	56	94	115	104	122	107	108	96
20:00	94	109	109	129	136	126	128	126	119
21:00	45	40	81	66	71	70	65	71	63
22:00	24	22	68	65	75	60	63	66	54
23:00	14	9	24	14	21	24	18	20	18
Total									
12H(7-19)	1370	1128	2661	2814	2743	2741	2704	2733	2309
16H(6-22)	1606	1352	3007	3190	3127	3131	3065	3104	2640
18H(6-24)	1644	1383	3099	3269	3223	3215	3146	3190	2711
24H(0-24)	1692	1416	3156	3325	3275	3281	3199	3247	2763
AM Peak	11:00 127	11:00 99	08:00 205	08:00 193	08:00 196	08:00 192	08:00 207	08:00 199	08:00 167
PM Peak	14:00 170	12:00 143	16:00 388	17:00 422	16:00 405	17:00 392	16:00 391	16:00 390	16:00 305

Direction: Westbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	6	3	3	5	2	5	5	4	4
01:00	10	9	10	9	5	3	7	7	8
02:00	4	3	4	2	5	4	1	3	3
03:00	4	1	4	6	9	11	7	7	6
04:00	6	3	11	9	6	11	14	10	9
05:00	42	23	114	122	115	121	118	118	94
06:00	42	38	107	110	106	109	109	108	89
07:00	135	132	399	441	417	438	383	416	335
08:00	110	79	523	547	570	554	458	530	406
09:00	85	63	202	217	230	234	218	220	178
10:00	114	79	169	170	182	182	191	179	155
11:00	109	102	174	176	179	164	156	170	151
12:00	137	114	149	197	168	200	180	179	164
13:00	128	147	238	270	261	259	235	253	220
14:00	128	114	168	176	177	172	176	174	159
15:00	111	103	179	207	177	200	197	192	168
16:00	100	78	153	172	174	136	168	161	140
17:00	87	68	158	173	161	162	169	165	140
18:00	67	70	95	115	80	115	108	103	93
19:00	107	92	126	131	131	133	125	129	121
20:00	59	48	67	61	65	61	80	67	63
21:00	33	48	76	69	86	72	43	69	61
22:00	22	11	15	10	25	18	19	17	17
23:00	12	9	9	7	13	18	3	10	10
Total									
12H(7-19)	1311	1149	2607	2861	2776	2816	2639	2740	2308
16H(6-22)	1552	1375	2983	3232	3164	3191	2996	3113	2642
18H(6-24)	1586	1395	3007	3249	3202	3227	3018	3141	2669
24H(0-24)	1658	1437	3153	3402	3344	3382	3170	3290	2792
AM Peak	07:00 135	07:00 132	08:00 523	08:00 547	08:00 570	08:00 554	08:00 458	08:00 530	08:00 406
PM Peak	12:00 137	13:00 147	13:00 238	13:00 270	13:00 261	13:00 259	13:00 235	13:00 253	13:00 220



Direction: Total Flow

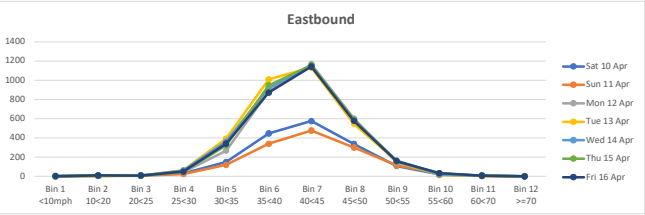
Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	16	11	13	10	11	19	15	14	14
01:00	20	9	16	18	13	11	13	14	14
02:00	8	7	9	6	10	10	8	9	8
03:00	8	6	9	9	14	17	9	12	10
04:00	9	7	19	21	14	24	19	19	16
05:00	59	35	137	145	132	140	141	139	113
06:00	65	57	169	176	179	181	170	175	142
07:00	201	166	512	547	527	539	495	524	427
08:00	213	154	728	740	766	746	665	729	573
09:00	174	132	343	399	403	409	386	388	321
10:00	215	174	344	340	365	359	364	354	309
11:00	236	201	346	347	340	339	340	342	307
12:00	280	257	341	417	356	417	400	386	353
13:00	275	262	453	480	473	472	470	470	412
14:00	298	242	477	493	484	473	463	478	419
15:00	241	223	447	480	443	467	430	453	390
16:00	193	166	541	562	579	513	559	551	445
17:00	195	154	512	595	559	554	495	543	438
18:00	160	146	224	275	224	269	276	254	225
19:00	181	148	220	246	235	255	232	238	217
20:00	153	157	176	190	201	187	208	192	182
21:00	78	88	157	135	157	142	108	140	124
22:00	46	33	83	75	100	78	82	84	71
23:00	26	18	33	21	34	42	21	30	28
Total									
12H(7-19)	2681	2277	5268	5675	5519	5557	5343	5472	4617
16H(6-22)	3158	2727	5990	6422	6291	6322	6061	6217	5282
18H(6-24)	3230	2778	6106	6518	6425	6442	6164	6331	5380
24H(0-24)	3350	2853	6309	6727	6619	6663	6369	6537	5556
AM Peak	11:00 236	11:00 201	08:00 728	08:00 740	08:00 766	08:00 746	08:00 665	08:00 729	08:00 573
PM Peak	14:00 298	13:00 262	16:00 541	17:00 595	16:00 579	17:00 554	16:00 559	16:00 551	16:00 445

Denbighshire ATC, Sarn Lane (Location 10)

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 10 Apr	1692	48.4	41.7	6.5	2	5	9	30	149	447	575	337	108	22	7	1
Sun 11 Apr	1416	49.0	42.3	6.5	0	4	7	24	118	338	477	301	113	29	4	1
Mon 12 Apr	3156	47.4	41.5	5.7	0	4	9	43	268	885	1168	602	144	25	7	1
Tue 13 Apr	3325	46.7	40.8	5.7	0	4	5	63	392	1009	1133	548	157	12	2	0
Wed 14 Apr	3275	47.2	41.2	5.8	0	5	6	61	362	921	1145	587	164	18	6	0
Thu 15 Apr	3281	47.4	41.2	6.0	4	11	8	47	323	948	1157	589	157	31	6	0
Fri 16 Apr	3199	47.5	41.3	6.0	1	10	8	49	340	872	1144	578	158	32	7	0
5 Day Ave.	3247	47.3	41.2	5.8	1	7	7	53	337	927	1149	581	156	24	6	0
7 Day Ave.	2763	47.7	41.4	6.0	1	6	7	45	279	774	971	506	143	24	6	0

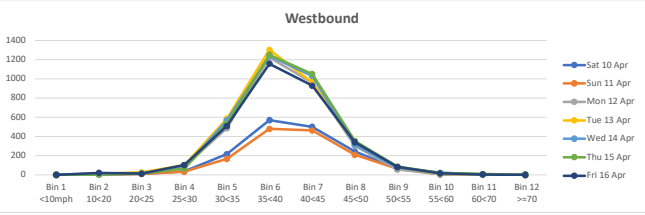
360 TSL Ltd



Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 10 Apr	1658	46.5	40.2	6.0	0	5	10	36	215	570	500	243	67	7	5	0
Sun 11 Apr	1437	46.8	40.5	6.1	1	2	9	31	166	478	462	209	63	11	5	0
Mon 12 Apr	3153	44.7	39.0	5.5	0	15	19	84	487	1224	962	302	54	5	1	0
Tue 13 Apr	3402	44.8	39.0	5.6	0	8	26	98	584	1303	964	327	78	12	2	0
Wed 14 Apr	3344	45.0	39.3	5.5	0	3	14	73	568	1242	1031	314	76	21	2	0
Thu 15 Apr	3382	45.3	39.6	5.5	0	3	12	67	532	1251	1052	353	85	19	8	0
Fri 16 Apr	3170	45.4	39.2	5.9	0	20	12	102	508	1158	930	340	82	14	4	0
5 Day Ave.	3290	45.0	39.2	5.6	0	10	17	85	536	1236	988	327	75	14	3	0
7 Day Ave.	2792	45.5	39.6	5.7	0	8	15	70	437	1032	843	298	72	13	4	0

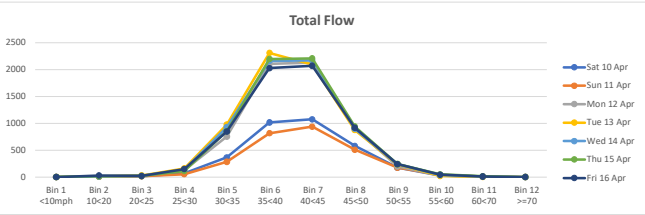
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 10 Apr	3350	47.5	41.0	6.3	2	10	19	66	364	1017	1075	580	175	29	12	1
Sun 11 Apr	2853	48.0	41.4	6.3	1	6	16	55	284	816	939	510	176	40	9	1
Mon 12 Apr	6309	46.2	40.3	5.7	0	19	28	127	755	2109	2130	904	198	30	8	1
Tue 13 Apr	6727	45.8	39.9	5.7	0	12	31	161	976	2312	2097	875	235	24	4	0
Wed 14 Apr	6619	46.1	40.2	5.7	0	8	20	134	930	2163	2176	901	240	39	8	0
Thu 15 Apr	6663	46.4	40.4	5.8	4	14	20	114	855	2199	2209	942	242	50	14	0
Fri 16 Apr	6369	46.5	40.3	6.0	1	30	20	151	848	2030	2074	918	240	46	11	0
5 Day Ave.	6537	46.2	40.2	5.8	1	17	24	137	873	2163	2137	908	231	38	9	0
7 Day Ave.	5556	46.7	40.5	6.0	1	14	22	115	716	1807	1814	804	215	37	9	0

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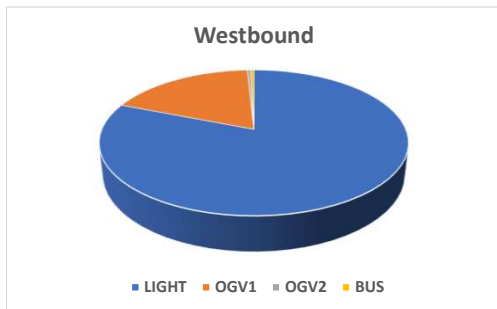
Denbighshire ATC, Glascoed Road (Location 13)

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	319	256	59	3	1
Sun 11 Apr	240	207	32	1	0
Mon 12 Apr	508	408	96	2	2
Tue 13 Apr	582	478	100	1	3
Wed 14 Apr	558	450	104	2	2
Thu 15 Apr	590	459	125	4	2
Fri 16 Apr	627	514	108	1	4
5 Day Ave.	573	462	107	2	3
7 Day Ave.	489	396	89	2	2

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	80.3%	18.5%	0.9%	0.3%
Sun 11 Apr	100.0%	86.3%	13.3%	0.4%	0.0%
Mon 12 Apr	100.0%	80.3%	18.9%	0.4%	0.4%
Tue 13 Apr	100.0%	82.1%	17.2%	0.2%	0.5%
Wed 14 Apr	100.0%	80.6%	18.6%	0.4%	0.4%
Thu 15 Apr	100.0%	77.8%	21.2%	0.7%	0.3%
Fri 16 Apr	100.0%	82.0%	17.2%	0.2%	0.6%
5 Day Ave.	100.0%	80.6%	18.6%	0.3%	0.5%
7 Day Ave.	100.0%	81.0%	18.2%	0.4%	0.4%

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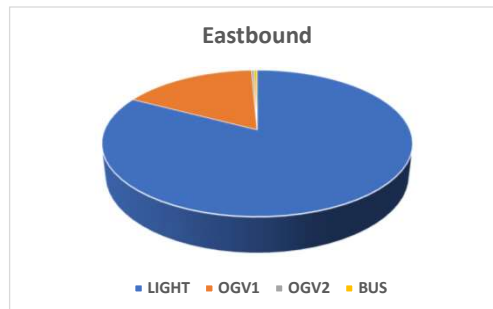


Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	307	258	48	1	0
Sun 11 Apr	189	163	26	0	0
Mon 12 Apr	445	375	68	0	2
Tue 13 Apr	520	424	92	2	2
Wed 14 Apr	556	454	94	4	4
Thu 15 Apr	559	470	87	1	1
Fri 16 Apr	582	467	110	2	3
5 Day Ave.	532	438	90	2	2
7 Day Ave.	451	373	75	1	2

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	84.0%	15.6%	0.3%	0.0%
Sun 11 Apr	100.0%	86.2%	13.8%	0.0%	0.0%
Mon 12 Apr	100.0%	84.3%	15.3%	0.0%	0.4%
Tue 13 Apr	100.0%	81.5%	17.7%	0.4%	0.4%
Wed 14 Apr	100.0%	81.7%	16.9%	0.7%	0.7%
Thu 15 Apr	100.0%	84.1%	15.6%	0.2%	0.2%
Fri 16 Apr	100.0%	80.2%	18.9%	0.3%	0.5%
5 Day Ave.	100.0%	82.3%	16.9%	0.3%	0.5%
7 Day Ave.	100.0%	82.7%	16.6%	0.3%	0.4%

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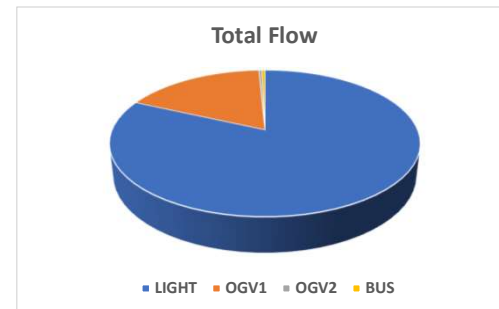


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	626	514	107	4	1
Sun 11 Apr	429	370	58	1	0
Mon 12 Apr	953	783	164	2	4
Tue 13 Apr	1102	902	192	3	5
Wed 14 Apr	1114	904	198	6	6
Thu 15 Apr	1149	929	212	5	3
Fri 16 Apr	1209	981	218	3	7
5 Day Ave.	1105	900	197	4	5
7 Day Ave.	940	769	164	3	4

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	82.1%	17.1%	0.6%	0.2%
Sun 11 Apr	100.0%	86.2%	13.5%	0.2%	0.0%
Mon 12 Apr	100.0%	82.2%	17.2%	0.2%	0.4%
Tue 13 Apr	100.0%	81.9%	17.4%	0.3%	0.5%
Wed 14 Apr	100.0%	81.1%	17.8%	0.5%	0.5%
Thu 15 Apr	100.0%	80.9%	18.5%	0.4%	0.3%
Fri 16 Apr	100.0%	81.1%	18.0%	0.2%	0.6%
5 Day Ave.	100.0%	81.4%	17.8%	0.3%	0.5%
7 Day Ave.	100.0%	81.8%	17.5%	0.4%	0.4%

360 TSL Ltd



Denbighshire ATC, Glascoed Road (Location 13)

Direction: Westbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	3	1	2	0	0	0	1	1	1
01:00	2	1	0	1	0	1	4	1	1
02:00	0	1	0	1	0	2	1	1	1
03:00	1	1	0	0	1	1	1	1	1
04:00	0	0	1	0	1	1	0	1	0
05:00	0	0	1	2	3	0	1	1	1
06:00	5	2	5	4	7	7	7	6	5
07:00	9	3	14	19	17	23	22	19	15
08:00	9	5	54	66	66	51	51	58	43
09:00	23	15	32	38	41	37	40	38	32
10:00	32	19	23	28	39	24	43	31	30
11:00	32	30	37	46	42	42	38	41	38
12:00	35	28	38	35	35	42	53	41	38
13:00	30	21	38	47	35	42	54	43	38
14:00	29	22	42	64	48	53	56	53	45
15:00	29	28	45	39	45	62	48	48	42
16:00	13	19	61	60	51	58	58	58	46
17:00	19	17	54	65	47	56	55	55	45
18:00	20	6	37	27	32	34	37	33	28
19:00	12	7	6	12	19	22	29	18	15
20:00	6	7	8	5	13	12	12	10	9
21:00	7	3	4	17	13	13	6	11	9
22:00	3	3	4	5	2	5	8	5	4
23:00	0	1	2	1	1	2	2	2	1
Total									
12H(7-19)	280	213	475	534	498	524	555	517	440
16H(6-22)	310	232	498	572	550	578	609	561	478
18H(6-24)	313	236	504	578	553	585	619	568	484
24H(0-24)	319	240	508	582	558	590	627	573	489
AM Peak	10:00 32	11:00 30	08:00 54	08:00 66	08:00 66	08:00 51	08:00 51	08:00 58	08:00 43
PM Peak	12:00 35	12:00 28	16:00 61	17:00 65	16:00 51	15:00 62	16:00 58	16:00 58	16:00 46

Direction: Eastbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	1	0	2	1	0	0	0	1	1
01:00	0	1	0	0	0	1	0	0	0
02:00	0	0	0	0	0	0	1	0	0
03:00	0	1	0	0	0	0	1	0	0
04:00	0	0	0	2	0	0	0	0	0
05:00	0	1	2	2	6	4	4	4	3
06:00	2	0	5	3	11	8	4	6	5
07:00	9	4	29	26	49	41	43	38	29
08:00	20	6	63	66	69	66	82	69	53
09:00	30	9	28	33	41	45	39	37	32
10:00	23	8	23	33	29	32	32	30	26
11:00	23	17	28	40	47	36	41	38	33
12:00	19	15	27	39	36	36	39	35	30
13:00	26	19	31	44	37	38	43	39	34
14:00	30	22	22	49	47	36	48	40	36
15:00	31	23	54	45	51	60	65	55	47
16:00	32	24	44	37	47	50	37	43	39
17:00	19	14	40	49	39	45	34	41	34
18:00	13	8	18	29	20	31	28	25	21
19:00	13	9	13	8	12	11	21	13	12
20:00	12	5	13	9	8	13	11	11	10
21:00	1	2	2	2	6	2	5	3	3
22:00	1	0	1	2	1	3	3	2	2
23:00	2	1	0	1	0	1	1	1	1
Total									
12H(7-19)	275	169	407	490	512	516	531	491	414
16H(6-22)	303	185	440	512	549	550	572	525	444
18H(6-24)	306	186	441	515	550	554	576	527	447
24H(0-24)	307	189	445	520	556	559	582	532	451
AM Peak	09:00 30	11:00 17	08:00 63	08:00 66	08:00 69	08:00 66	08:00 82	08:00 69	08:00 53
PM Peak	16:00 32	16:00 24	15:00 54	14:00 49	15:00 51	15:00 60	15:00 65	15:00 55	15:00 47



Direction: Total Flow

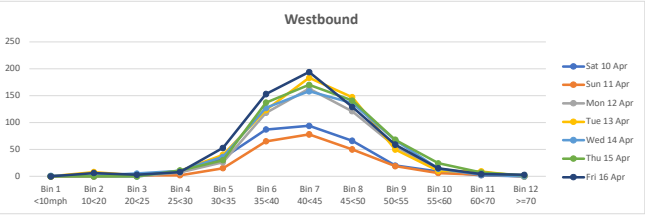
Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	4	1	4	1	0	0	1	1	2
01:00	2	2	0	1	0	2	4	1	2
02:00	0	1	0	1	0	2	2	1	1
03:00	1	2	0	0	1	1	2	1	1
04:00	0	0	1	2	1	1	0	1	1
05:00	0	1	3	4	9	4	5	5	4
06:00	7	2	10	7	18	15	11	12	10
07:00	18	7	43	45	66	64	65	57	44
08:00	29	11	117	132	135	117	133	127	96
09:00	53	24	60	71	82	82	79	75	64
10:00	55	27	46	61	68	56	75	61	55
11:00	55	47	65	86	89	78	79	79	71
12:00	54	43	65	74	71	78	92	76	68
13:00	56	40	69	91	72	80	97	82	72
14:00	59	44	64	113	95	89	104	93	81
15:00	60	51	99	84	96	122	113	103	89
16:00	45	43	105	97	98	108	95	101	84
17:00	38	31	94	114	86	101	89	97	79
18:00	33	14	55	56	52	65	65	59	49
19:00	25	16	19	20	31	33	50	31	28
20:00	18	12	21	14	21	25	23	21	19
21:00	8	5	6	19	19	15	11	14	12
22:00	4	3	5	7	3	8	11	7	6
23:00	2	2	2	2	1	3	3	2	2
Total									
12H(7-19)	555	382	882	1024	1010	1040	1086	1008	854
16H(6-22)	613	417	938	1084	1099	1128	1181	1086	923
18H(6-24)	619	422	945	1093	1103	1139	1195	1095	931
24H(0-24)	626	429	953	1102	1114	1149	1209	1105	940
AM Peak	10:00 55	11:00 47	08:00 117	08:00 132	08:00 135	08:00 117	08:00 133	08:00 127	08:00 96
PM Peak	15:00 60	15:00 51	16:00 105	17:00 114	16:00 98	15:00 122	15:00 113	15:00 103	15:00 89

Denbighshire ATC, Glascoed Road (Location 13)

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 10 Apr	319	48.8	42.0	6.6	0	0	0	7	34	87	94	66	20	9	2	0
Sun 11 Apr	240	49.5	42.7	6.6	0	0	2	2	15	65	78	50	19	6	3	0
Mon 12 Apr	508	50.1	43.5	6.4	0	0	0	7	26	118	163	121	56	11	6	0
Tue 13 Apr	582	50.4	42.8	7.4	0	8	2	10	40	123	183	147	50	10	9	0
Wed 14 Apr	558	50.4	43.1	7.0	1	1	5	10	36	127	158	136	67	14	3	0
Thu 15 Apr	590	51.2	43.9	7.0	0	0	0	11	30	137	170	141	68	24	7	2
Fri 16 Apr	627	50.2	42.5	7.4	0	6	3	8	53	153	194	129	59	15	4	3
5 Day Ave.	573	50.5	43.2	7.1	0	3	2	9	37	132	174	135	60	15	6	1
7 Day Ave.	489	50.1	42.9	6.9	0	2	2	8	33	116	149	113	48	13	5	1

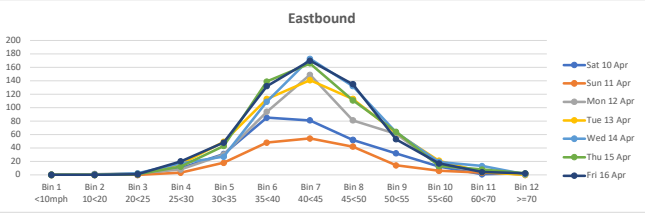
360 TSL Ltd



Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 10 Apr	307	50.2	42.3	7.7	0	1	0	10	31	85	81	52	32	12	1	2
Sun 11 Apr	189	50.5	42.9	7.3	0	0	0	3	18	48	54	42	14	6	3	1
Mon 12 Apr	445	50.7	43.4	7.1	0	1	2	8	30	94	149	81	61	14	5	0
Tue 13 Apr	520	50.6	43.0	7.3	0	0	1	16	49	113	141	113	62	21	4	0
Wed 14 Apr	556	51.6	43.9	7.4	0	0	2	17	27	109	173	132	63	19	13	1
Thu 15 Apr	559	50.5	43.1	7.2	0	0	1	12	43	139	166	111	64	13	8	2
Fri 16 Apr	582	50.2	42.8	7.1	0	0	1	20	48	132	170	135	53	17	4	2
5 Day Ave.	532	50.7	43.2	7.2	0	0	1	15	39	117	160	114	61	17	7	1
7 Day Ave.	451	50.6	43.0	7.3	0	0	1	12	35	103	133	95	50	15	5	1

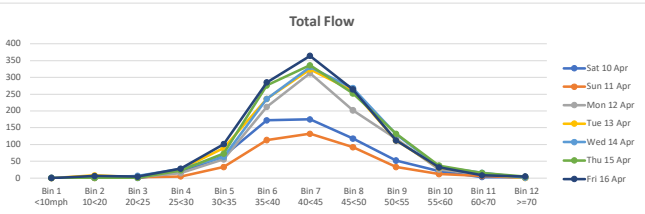
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<25	Bin 4 25<30	Bin 5 30<35	Bin 6 35<40	Bin 7 40<45	Bin 8 45<50	Bin 9 50<55	Bin 10 55<60	Bin 11 60<70	Bin 12 >=70
Sat 10 Apr	626	49.5	42.1	7.1	0	1	0	17	65	172	175	118	52	21	3	2
Sun 11 Apr	429	50.0	42.8	6.9	0	0	2	5	33	113	132	92	33	12	6	1
Mon 12 Apr	953	50.4	43.4	6.7	0	1	2	15	56	212	312	202	117	25	11	0
Tue 13 Apr	1102	50.5	42.9	7.3	0	8	3	26	89	236	324	260	112	31	13	0
Wed 14 Apr	1114	51.0	43.5	7.2	1	1	7	27	63	236	331	268	130	33	16	1
Thu 15 Apr	1149	50.9	43.5	7.1	0	0	1	23	73	276	336	252	132	37	15	4
Fri 16 Apr	1209	50.2	42.6	7.3	0	6	4	28	101	285	364	264	112	32	8	5
5 Day Ave.	1105	50.6	43.2	7.1	0	3	3	24	76	249	333	249	121	32	13	2
7 Day Ave.	940	50.3	43.0	7.1	0	2	3	20	69	219	282	208	98	27	10	2

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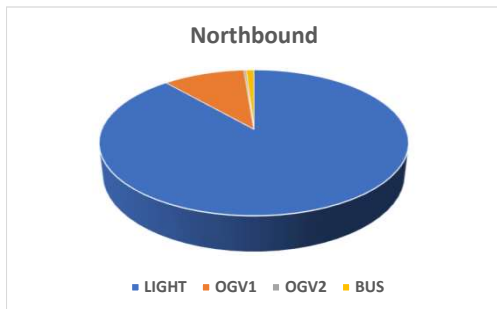
Denbighshire ATC, Ffordd William Morgan, St Asaph Business Park (Location 13)

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	662	581	66	1	14
Sun 11 Apr	546	500	46	0	0
Mon 12 Apr	2235	1975	229	7	24
Tue 13 Apr	2403	2117	253	9	24
Wed 14 Apr	2398	2150	218	7	23
Thu 15 Apr	2638	2332	275	7	24
Fri 16 Apr	2346	2060	261	6	19
5 Day Ave.	2404	2127	247	7	23
7 Day Ave.	1890	1674	193	5	18

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	87.8%	10.0%	0.2%	2.1%
Sun 11 Apr	100.0%	91.6%	8.4%	0.0%	0.0%
Mon 12 Apr	100.0%	88.4%	10.2%	0.3%	1.1%
Tue 13 Apr	100.0%	88.1%	10.5%	0.4%	1.0%
Wed 14 Apr	100.0%	89.7%	9.1%	0.3%	1.0%
Thu 15 Apr	100.0%	88.4%	10.4%	0.3%	0.9%
Fri 16 Apr	100.0%	87.8%	11.1%	0.3%	0.8%
5 Day Ave.	100.0%	88.5%	10.3%	0.3%	0.9%
7 Day Ave.	100.0%	88.6%	10.2%	0.3%	1.0%

360 TSL Ltd

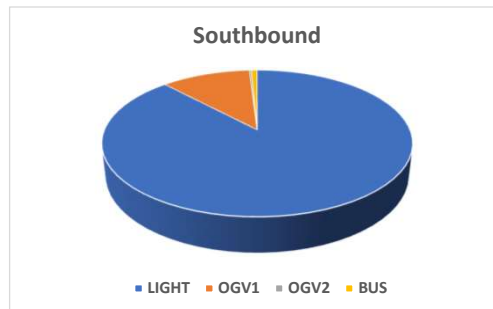


Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	656	570	73	2	11
Sun 11 Apr	519	473	43	1	2
Mon 12 Apr	2270	1980	264	3	23
Tue 13 Apr	2391	2087	281	6	17
Wed 14 Apr	2358	2077	259	6	16
Thu 15 Apr	2556	2258	276	9	13
Fri 16 Apr	2310	2043	250	5	12
5 Day Ave.	2377	2089	266	6	16
7 Day Ave.	1866	1641	207	5	13

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	86.9%	11.1%	0.3%	1.7%
Sun 11 Apr	100.0%	91.1%	8.3%	0.2%	0.4%
Mon 12 Apr	100.0%	87.2%	11.6%	0.1%	1.0%
Tue 13 Apr	100.0%	87.3%	11.8%	0.3%	0.7%
Wed 14 Apr	100.0%	88.1%	11.0%	0.3%	0.7%
Thu 15 Apr	100.0%	88.3%	10.8%	0.4%	0.5%
Fri 16 Apr	100.0%	88.4%	10.8%	0.2%	0.5%
5 Day Ave.	100.0%	87.9%	11.2%	0.2%	0.7%
7 Day Ave.	100.0%	88.0%	11.1%	0.2%	0.7%

360 TSL Ltd

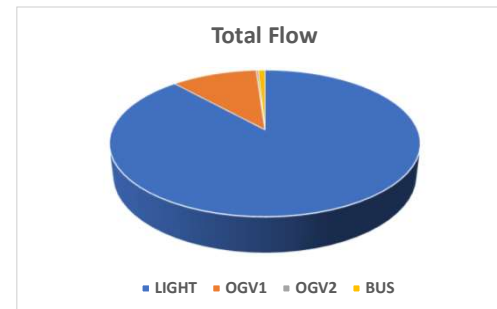


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	1318	1151	139	3	25
Sun 11 Apr	1065	973	89	1	2
Mon 12 Apr	4505	3955	493	10	47
Tue 13 Apr	4794	4204	534	15	41
Wed 14 Apr	4756	4227	477	13	39
Thu 15 Apr	5194	4590	551	16	37
Fri 16 Apr	4656	4103	511	11	31
5 Day Ave.	4781	4216	513	13	39
7 Day Ave.	3755	3315	399	10	32

	Total Volume	LIGHT	OGV1	OGV2	BUS
Sat 10 Apr	100.0%	87.3%	10.5%	0.2%	1.9%
Sun 11 Apr	100.0%	91.4%	8.4%	0.1%	0.2%
Mon 12 Apr	100.0%	87.8%	10.9%	0.2%	1.0%
Tue 13 Apr	100.0%	87.7%	11.1%	0.3%	0.9%
Wed 14 Apr	100.0%	88.9%	10.0%	0.3%	0.8%
Thu 15 Apr	100.0%	88.4%	10.6%	0.3%	0.7%
Fri 16 Apr	100.0%	88.1%	11.0%	0.2%	0.7%
5 Day Ave.	100.0%	88.2%	10.7%	0.3%	0.8%
7 Day Ave.	100.0%	88.3%	10.6%	0.3%	0.8%

360 TSL Ltd



Denbighshire ATC, Ffordd William Morgan, St Asaph Business Park (Location 13)

Direction: Northbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	14	12	5	13	16	14	10	12	12
01:00	6	3	4	11	9	10	11	9	8
02:00	3	3	4	5	4	4	8	5	4
03:00	7	8	7	5	6	7	6	6	7
04:00	3	8	4	4	5	6	6	5	5
05:00	7	5	9	7	6	8	8	8	7
06:00	22	27	37	38	39	41	35	38	34
07:00	15	12	81	80	75	86	70	78	60
08:00	25	8	153	161	169	175	154	162	121
09:00	27	22	104	109	115	129	95	110	86
10:00	61	27	81	89	79	113	90	90	77
11:00	55	39	115	120	131	125	125	123	101
12:00	52	47	117	143	136	149	255	160	128
13:00	66	34	154	181	143	208	193	176	140
14:00	49	54	135	125	134	166	181	148	121
15:00	48	50	200	196	216	249	309	234	181
16:00	45	40	416	458	458	464	351	429	319
17:00	40	35	384	424	369	435	228	368	274
18:00	42	39	109	119	115	105	87	107	88
19:00	23	24	35	33	54	45	54	44	38
20:00	12	16	21	21	40	24	33	28	24
21:00	14	11	43	43	50	48	11	39	31
22:00	19	13	7	9	17	18	17	14	14
23:00	7	9	10	9	12	9	9	10	9
Total									
12H(7-19)	525	407	2049	2205	2140	2404	2138	2187	1695
16H(6-22)	596	485	2185	2340	2323	2562	2271	2336	1823
18H(6-24)	622	507	2202	2358	2352	2589	2297	2360	1847
24H(0-24)	662	546	2235	2403	2398	2638	2346	2404	1890
AM Peak	10:00 61	11:00 39	08:00 153	08:00 161	08:00 169	08:00 175	08:00 154	08:00 162	08:00 121
PM Peak	13:00 66	14:00 54	16:00 416	16:00 458	16:00 458	16:00 464	16:00 351	16:00 429	16:00 319

Direction: Southbound

Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	3	4	2	3	1	6	1	3	3
01:00	2	2	1	3	5	3	10	4	4
02:00	3	5	2	2	3	6	10	5	4
03:00	4	3	4	4	5	1	5	4	4
04:00	3	0	7	6	2	6	3	5	4
05:00	11	7	52	55	58	56	65	57	43
06:00	34	30	89	86	78	108	87	90	73
07:00	32	21	416	456	423	416	388	420	307
08:00	43	18	474	515	544	560	480	515	376
09:00	24	19	159	190	168	223	162	180	135
10:00	48	35	95	96	87	130	107	103	85
11:00	53	48	106	119	95	113	99	106	90
12:00	45	42	118	141	135	158	140	138	111
13:00	49	44	150	123	145	162	174	151	121
14:00	52	32	101	107	91	118	122	108	89
15:00	54	43	137	128	128	123	115	126	104
16:00	55	40	116	106	115	129	109	115	96
17:00	41	35	117	117	111	102	93	108	88
18:00	40	37	51	54	60	56	59	56	51
19:00	15	25	22	19	38	30	27	27	25
20:00	19	10	32	31	42	28	20	31	26
21:00	15	11	11	20	11	14	20	15	15
22:00	5	5	6	4	8	5	6	6	6
23:00	6	3	2	6	5	3	8	5	5
Total									
12H(7-19)	536	414	2040	2152	2102	2290	2048	2126	1655
16H(6-22)	619	490	2194	2308	2271	2470	2202	2289	1793
18H(6-24)	630	498	2202	2318	2284	2478	2216	2300	1804
24H(0-24)	656	519	2270	2391	2358	2556	2310	2377	1866
AM Peak	11:00 53	11:00 48	08:00 474	08:00 515	08:00 544	08:00 560	08:00 480	08:00 515	08:00 376
PM Peak	16:00 55	13:00 44	13:00 150	12:00 141	13:00 145	13:00 162	13:00 174	13:00 151	13:00 121

Direction: Total Flow



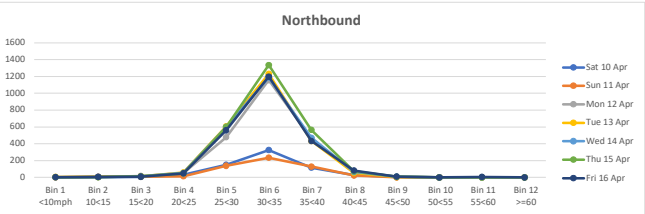
Hour Beginning	Sat Apr 10	Sun Apr 11	Mon Apr 12	Tue Apr 13	Wed Apr 14	Thu Apr 15	Fri Apr 16	5-Day Ave.	7-Day Ave.
00:00	17	16	7	16	17	20	11	14	15
01:00	8	5	5	14	14	13	21	13	11
02:00	6	8	6	7	7	10	18	10	9
03:00	11	11	11	9	11	8	11	10	10
04:00	6	8	11	10	7	12	9	10	9
05:00	18	12	61	62	64	64	73	65	51
06:00	56	57	126	124	117	149	122	128	107
07:00	47	33	497	536	498	502	458	498	367
08:00	68	26	627	676	713	735	634	677	497
09:00	51	41	263	299	283	352	257	291	221
10:00	109	62	176	185	166	243	197	193	163
11:00	108	87	221	239	226	238	224	230	192
12:00	97	89	235	284	271	307	395	298	240
13:00	115	78	304	304	288	370	367	327	261
14:00	101	86	236	232	225	284	303	256	210
15:00	102	93	337	324	344	372	424	360	285
16:00	100	80	532	564	573	593	460	544	415
17:00	81	70	501	541	480	537	321	476	362
18:00	82	76	160	173	175	161	146	163	139
19:00	38	49	57	52	92	75	81	71	63
20:00	31	26	53	52	82	52	53	58	50
21:00	29	22	54	63	61	62	31	54	46
22:00	24	18	13	13	25	23	23	19	20
23:00	13	12	12	15	17	12	17	15	14
Total									
12H(7-19)	1061	821	4089	4357	4242	4694	4186	4314	3350
16H(6-22)	1215	975	4379	4648	4594	5032	4473	4625	3617
18H(6-24)	1252	1005	4404	4676	4636	5067	4513	4659	3650
24H(0-24)	1318	1065	4505	4794	4756	5194	4656	4781	3755
AM Peak	10:00 109	11:00 87	08:00 627	08:00 676	08:00 713	08:00 735	08:00 634	08:00 677	08:00 497
PM Peak	13:00 115	15:00 93	16:00 532	16:00 564	16:00 573	16:00 593	16:00 460	16:00 544	16:00 415

Denbighshire ATC, Ffordd William Morgan, St Asaph Business Park (Location 13)

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	662	37.3	32.0	5.1	3	4	4	29	150	325	116	28	3	0	0	0
Sun 11 Apr	546	37.4	32.2	5.0	0	6	6	13	137	234	128	22	0	0	0	0
Mon 12 Apr	2235	37.0	32.4	4.4	1	4	16	48	478	1156	461	63	6	0	2	0
Tue 13 Apr	2403	36.4	32.0	4.3	4	3	12	58	607	1231	432	53	3	0	0	0
Wed 14 Apr	2398	36.7	32.2	4.3	1	2	10	53	598	1189	472	66	7	0	0	0
Thu 15 Apr	2638	36.8	32.5	4.2	1	3	10	46	598	1337	565	72	6	0	0	0
Fri 16 Apr	2346	37.0	32.4	4.5	1	4	8	46	561	1199	432	81	9	0	5	0
5 Day Ave.	2404	36.8	32.3	4.3	2	3	11	50	568	1222	472	67	6	0	1	0
7 Day Ave.	1890	36.9	32.2	4.5	2	4	9	42	447	953	372	55	5	0	1	0

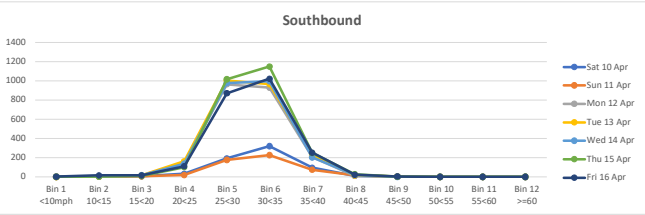
360 TSL Ltd



Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	656	35.8	31.3	4.4	0	2	6	31	191	320	95	10	1	0	0	0
Sun 11 Apr	519	36.0	31.2	4.6	0	1	7	19	176	226	73	16	1	0	0	0
Mon 12 Apr	2270	34.3	30.1	4.1	3	1	14	139	965	930	206	10	2	0	0	0
Tue 13 Apr	2391	34.4	30.2	4.1	0	2	14	162	1002	966	227	16	2	0	0	0
Wed 14 Apr	2358	34.4	30.2	4.1	2	3	18	137	978	997	203	20	0	0	0	0
Thu 15 Apr	2556	34.7	30.6	3.9	0	2	9	101	1017	1150	248	27	2	0	0	0
Fri 16 Apr	2310	35.1	30.6	4.3	1	14	14	110	871	1023	251	22	4	0	0	0
5 Day Ave.	2377	34.6	30.3	4.1	1	4	14	130	967	1013	227	19	2	0	0	0
7 Day Ave.	1866	35.0	30.6	4.2	1	4	12	100	743	802	186	17	2	0	0	0

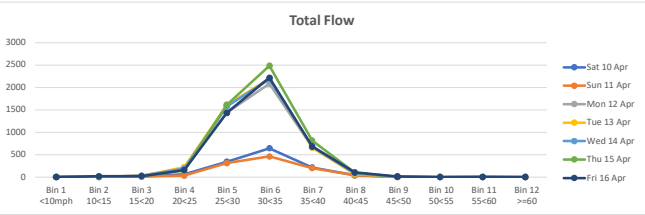
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Sat 10 Apr	1318	36.6	31.6	4.8	3	6	10	60	341	645	211	38	4	0	0	0
Sun 11 Apr	1065	36.8	31.7	4.9	0	7	13	32	313	460	201	38	1	0	0	0
Mon 12 Apr	4505	35.8	31.3	4.4	4	5	30	187	1443	2086	667	73	8	0	2	0
Tue 13 Apr	4794	35.5	31.1	4.3	4	5	26	220	1609	2197	659	69	5	0	0	0
Wed 14 Apr	4756	35.7	31.2	4.3	3	5	28	190	1576	2186	675	86	7	0	0	0
Thu 15 Apr	5194	35.9	31.6	4.2	1	5	19	147	1615	2487	813	99	8	0	0	0
Fri 16 Apr	4656	36.1	31.5	4.5	2	18	22	156	1432	2222	683	103	13	0	5	0
5 Day Ave.	4781	35.8	31.3	4.3	3	8	25	180	1535	2236	699	86	8	0	1	0
7 Day Ave.	3755	36.1	31.4	4.5	2	7	21	142	1190	1755	558	72	7	0	1	0

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APPENDIX G

Preliminary Access Locations

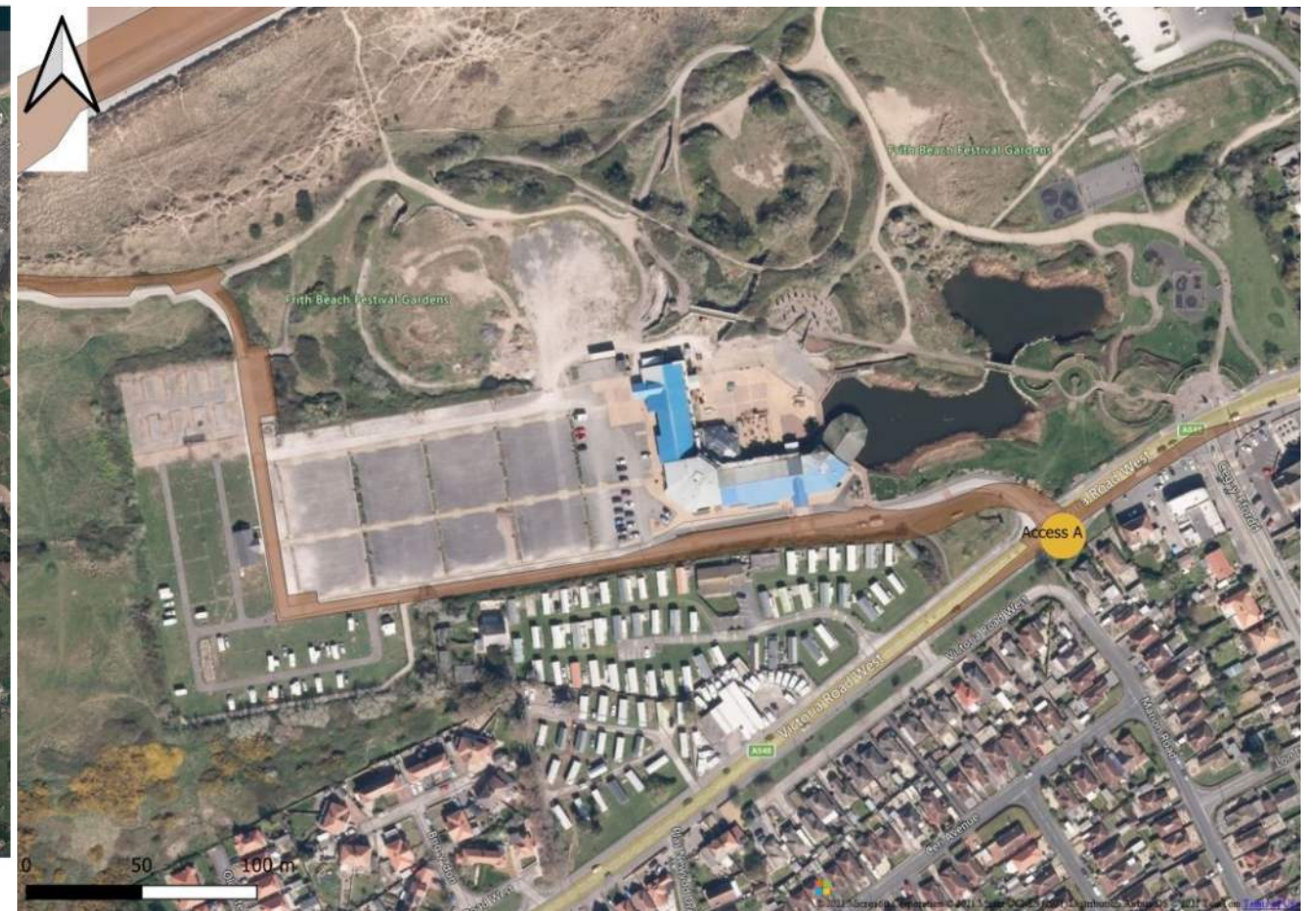
Coordinates

Northing: 382895.725

Possible access to Beach for personnel to monitor HDD progress - Access from the A548 via Caravan Park at Ffrith Beach Arena Park.

Use of existing access.

Off A55 at Junction 27 onto A525 then onto A548 at Rhyl.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking West Along A548

Google Earth

© 2021 Google

1.92 m

Google Street View Image—Looking East Along A548

© 2021 Google
© 2021 Europa Technologies

1.63 m

Access B1

Coordinates

Easting: 303371.425

Northing: 382405.55

Access Requirement

Possible access to golf course north of A548 required if short landfall HDD option taken forward.

Access Description

No exact location currently identified - access may be taken at any point where access zone meets the road. Possible use of current footpath crossing as vehicle access - may not be suitable access location if proposed flood defence works are undertaken.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then onto A548 at Rhyl.

Google Street View Image—Looking West Along A548



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking East Along A548



Access B2

Coordinates

Easting: 302635.025

Northing: 382246.905

Access Requirement

Possible access to golf course north of A548 required if short landfall HDD option taken forward.

Access Description

No exact location currently identified. Possible routing of access around proposed flood defence bund which is proposed to be constructed around golf course. Vehicular access to northern side of bund may be available from the golf club.

Initial Traffic Routing from A55

Off A55 at Junction 27 onto A525 then onto A548 at Rhyl.

Google Street View Image—Looking West Along A548



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking East Along A548



Access B3

Coordinates

Easting: 302417.675

Northing: 382390.5

Access Requirement

Possible access to golf course north of A548 required if short landfall HDD option taken forward. Possible access to Beach for personnel to monitor HDD progress.

Access Description

No exact location currently identified. Possible routing of access around proposed flood defence bund which is proposed to be constructed around golf course. Vehicular access to northern side of bund may be available from access off Garford Road, via flood defence gate.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 , onto A548 at Rhyl then onto Garford Road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking South Along Garford Road



Google Street View Image—Looking North Along Garford Road to Access Point



Access C1

Coordinates

Easting: 303351.45

Northing: 382385.25

Access Requirement

Access to HDD alignment within Robin Hood Holiday Camp for personnel to monitor HDD progress.

Access Description

Use of existing access.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then onto A548 at Rhyl.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along A548



Google Street View Image—Looking East Along A548



Access C2

Coordinates

Easting: 303419.825

Northing: 382399.95

Access Requirement

Access to HDD alignment within Robin Hood Holiday Camp for personnel to monitor HDD progress.

Access Description

Use of existing access.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then onto A548 at Rhyl.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan
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Google Street View Image—Looking West Along A548



Google Street View Image—Looking East Along A548



Access C3

Coordinates

Easting: 303636.55
Northing: 382448.975

Access Requirement

Access to HDD alignment within Robin Hood Holiday Camp for personnel to monitor HDD progress.

Access Description

Use of existing access.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then onto A548 at Rhyl.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along A548



Google Street View Image—Looking East Along A548



Access D

Coordinates

Easting: 303888.0388

Northing: 381231.979

Access Requirement

Access to off route haul road to Landfall HDD Zone, north of B5119.

Access Description

Reuse / upgrade of existing access.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then A547 then B5119.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along Dyserth Road (B5119)



Google Street View Image—Looking East Along Dyserth Road (B5119)



Access E

Coordinates

Easting: 303618.93

Northing: 381247.29

Access Requirement

Access to cable route north of B5119 or haul road crossing of road if not direct access to be taken.

Access Description

Actual access location still to be finalised—may be 100m to east / west of shown location.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then A547 then B5119.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking West Along Dyserth Road (B5119)



Google Street View Image—Looking East Along Dyserth Road (B5119)



Access F

Coordinates

Easting: 303525.52
Northing: 381288.495

Access Requirement

Access to cable route south of B5119 - Access F or G to be used, not both, or haul road crossing of road if no direct access to be taken.

Access Description

Actual access location still to be finalised - possible upgrade of existing access.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then A547 then B5119.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along Dyserth Road (B5119)



Google Street View Image—Looking East Along Dyserth Road (B5119)



Access G

Coordinates

Easting: 303733.19

Northing: 381197.32

Access Requirement

Access to cable route south of B5119 - Access F or G to be used, not both, or haul road crossing of road if no direct access to be taken.

Access Description

Actual access location still to be finalised - possible upgrade of existing access.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then A547 then B5119.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along Dyserth Road (B5119)



Google Street View Image—Looking East Along Dyserth Road (B5119)



Access H

Coordinates

Easting: 302607.13

Northing: 379101.125

Access Requirement

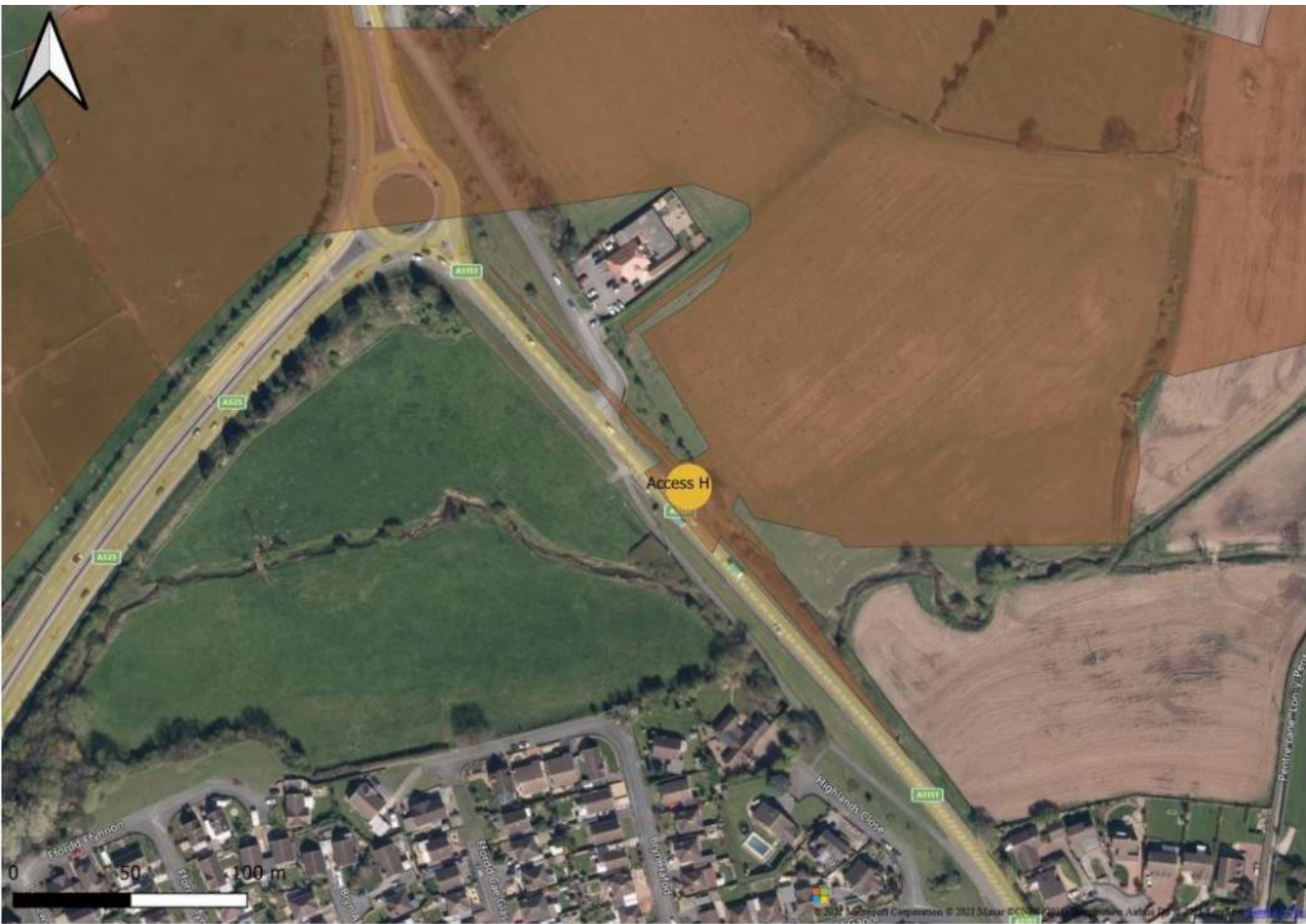
Access to cable route east of A525.

Access Description

Actual access location still to be finalised - existing farm access could be upgraded.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then A547.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking North West Along A547



Google Street View Image—Looking South East Along A547



Access I1

Coordinates

Easting: 302444.763

Northing: 379345.223

Access Requirement

Access to cable route west of A525.

Access Description

Actual access location still to be finalised - existing farm access could be upgraded or new access off minor road to the north. I1 or I2 required, not both.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking North Along A525



Google Street View Image—Looking South Along A525



Access I2

Coordinates

Easting: 302375.535

Northing: 379345.685

Access Requirement

Access to cable route west of A525.

Access Description

Actual access location still to be finalised - existing farm access could be upgraded or new access off minor road to the north. I1 or I2 required, not both.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then onto minor road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along Minor Road



Google Street View Image—Looking South Along Minor Road



Access J

Coordinates

Easting: 301134.1716

Northing: 377730.586

Access Requirement

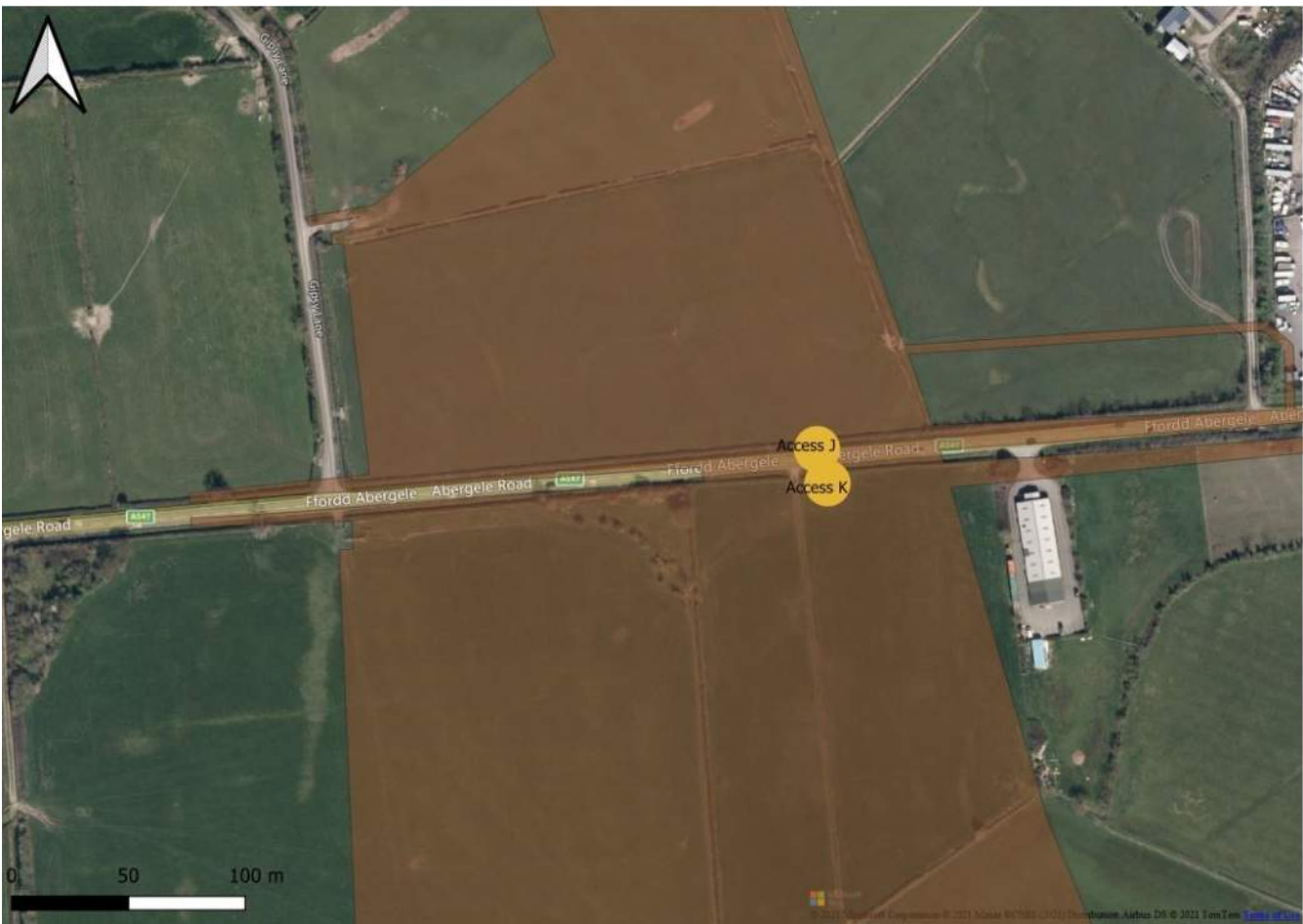
Access cable route north of A547 or haul road crossing of road if no direct access to be taken.

Access Description

Actual access location still to be finalised.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then A547.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking West Along A547



Google Street View Image—Looking East Along A547



Access K

Coordinates

Easting: 301138.73

Northing: 377716.2137

Access Requirement

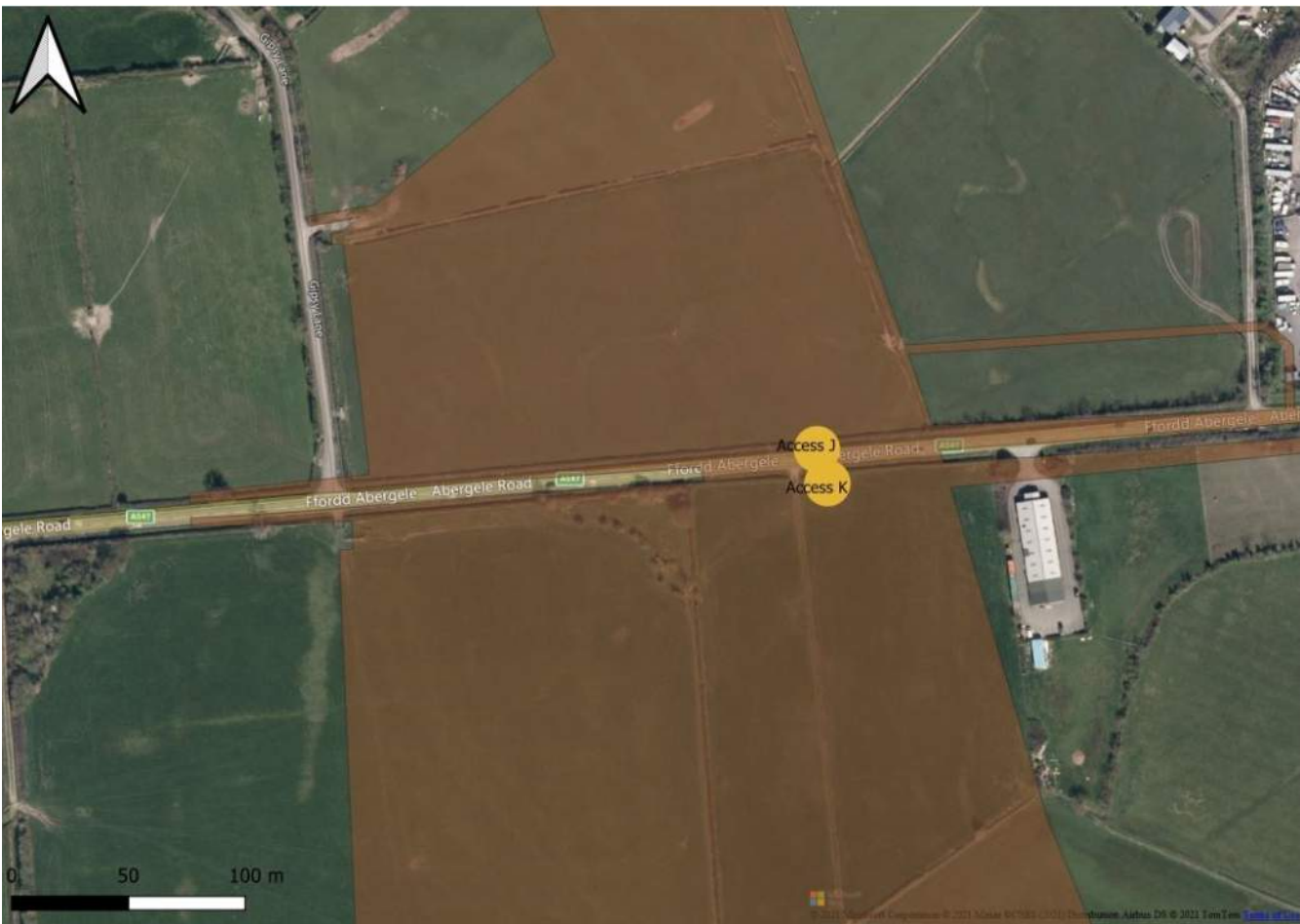
Access to cable route south of A547 or haul road crossing of road if no direct access to be taken.

Access Description

Actual access location still to be finalised - existing farm access could be upgraded.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then A547.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along A547



Google Street View Image—Looking East Along A547



Access L

Coordinates

Easting: 301458.9512

Northing: 376762.0796

Access Requirement

Access to cable route north of Sarn Lane / Rhuddlan Road or haul road crossing of road if no direct access to be taken.

Access Description

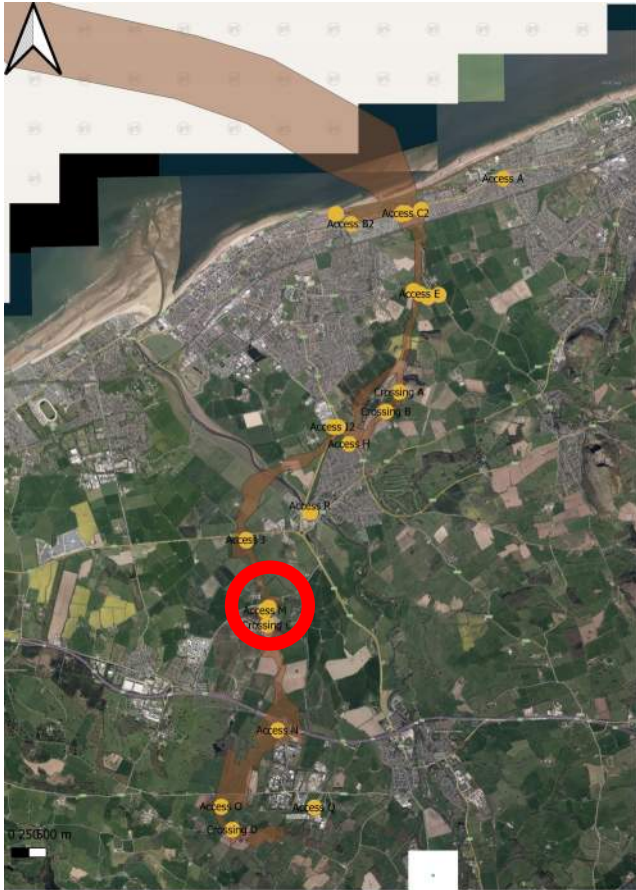
Actual access location still to be finalised.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then Sarn Lane / Rhuddlan Road.

OR

Off A55 at Junction 25 onto Sarn Lane / Rhuddlan Road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along Sarn Lane



Google Street View Image—Looking East Along Sarn Lane



Access M

Coordinates

Easting: 301405.335

Northing: 376719.595

Access Requirement

Access to cable route South of Sarn Lane / Rhuddlan Road or haul road crossing of road if no direct access to be taken.

Access Description

Actual access location still to be finalised - existing farm access could be upgraded.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then Sarn Lane / Rhuddlan Road.

OR

Off A55 at Junction 25 onto Sarn Lane / Rhuddlan Road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking West Along Sarn Lane



Google Street View Image—Looking East Along Sarn Lane



Access N

Coordinates

Easting: 301585.31

Northing: 375007.45

Access Requirement

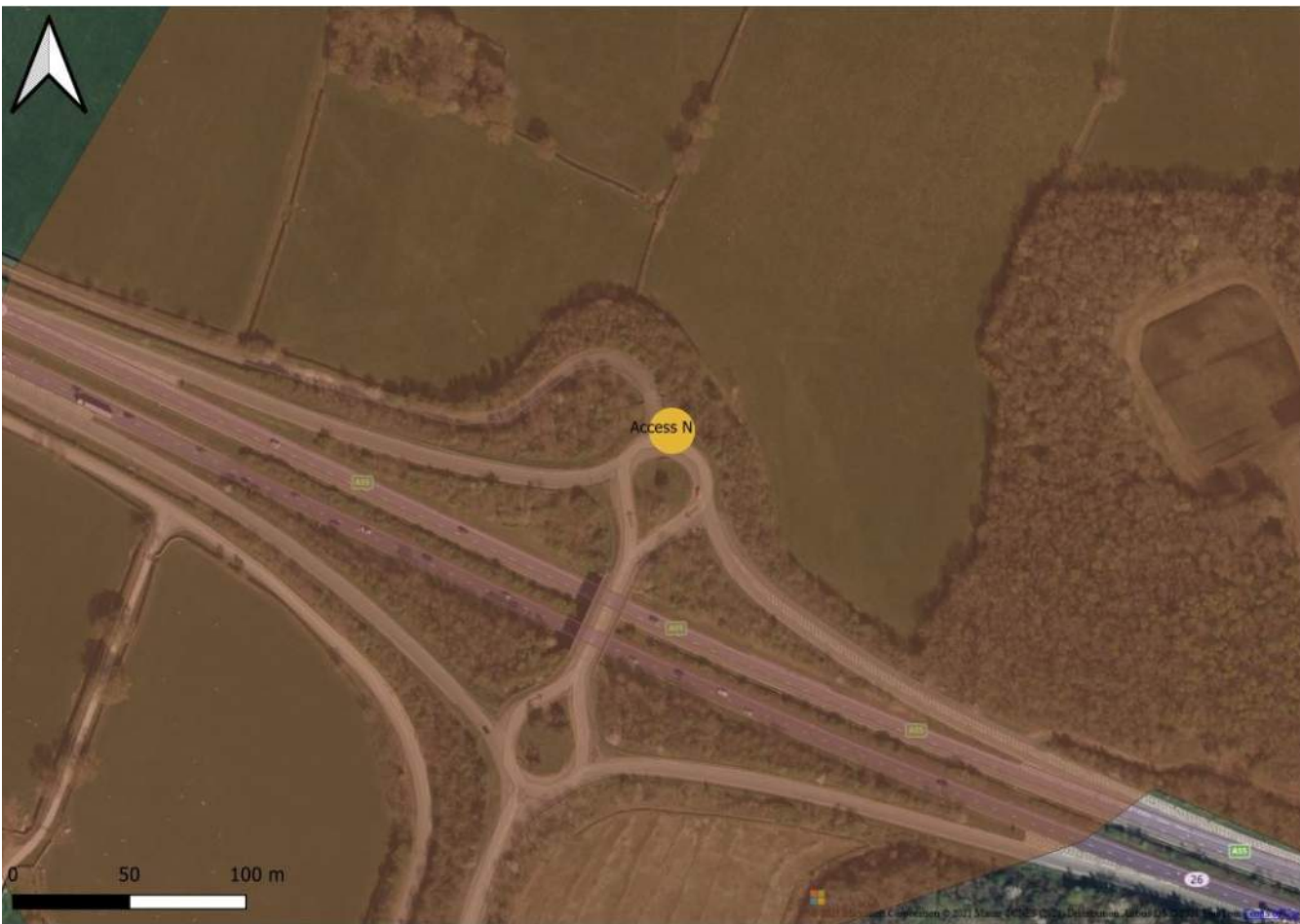
Possible access to cable route from minor farm access off Junction 26 of A55'

Access Description

Actual access location still to be finalised.

Initial Traffic Routeing from A55

Off A55 at Junction 26 then onto minor farm access road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking North Towards Access N



Google Street View Image—Looking South From Access N



Access O

Coordinates

Easting: 300780.6883

Northing: 373915.6258

Access Requirement

Access to cable route north of B5381 or haul road crossing of road if no direct access to be taken. Substation permanent access may be taken from this location.

Access Description

Actual access location still to be finalised.

Initial Traffic Routeing from A55

Off A55 at Junction 26, onto Ffordd William Morgan then B5381 Glascoed Road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along Glascoed Road (B5381)



Google Street View Image—Looking East Along Glascoed Road (B5381)



Access P

Coordinates

Easting: 300780.3684

Northing: 373907.5268

Access Requirement

Access to cable route south of B5381 or haul road crossing of road if no direct access to be taken.

Access Description

Actual access location still to be finalised.

Initial Traffic Routeing from A55

Off A55 at Junction 26, onto Ffordd William Morgan then B5381 Glascoed Road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking West Along Glascoed Road (B5381)



Google Street View Image—Looking East Along Glascoed Road (B5381)



Access Q

Coordinates

Easting: 302109.4608

Northing: 373903.2261

Access Requirement

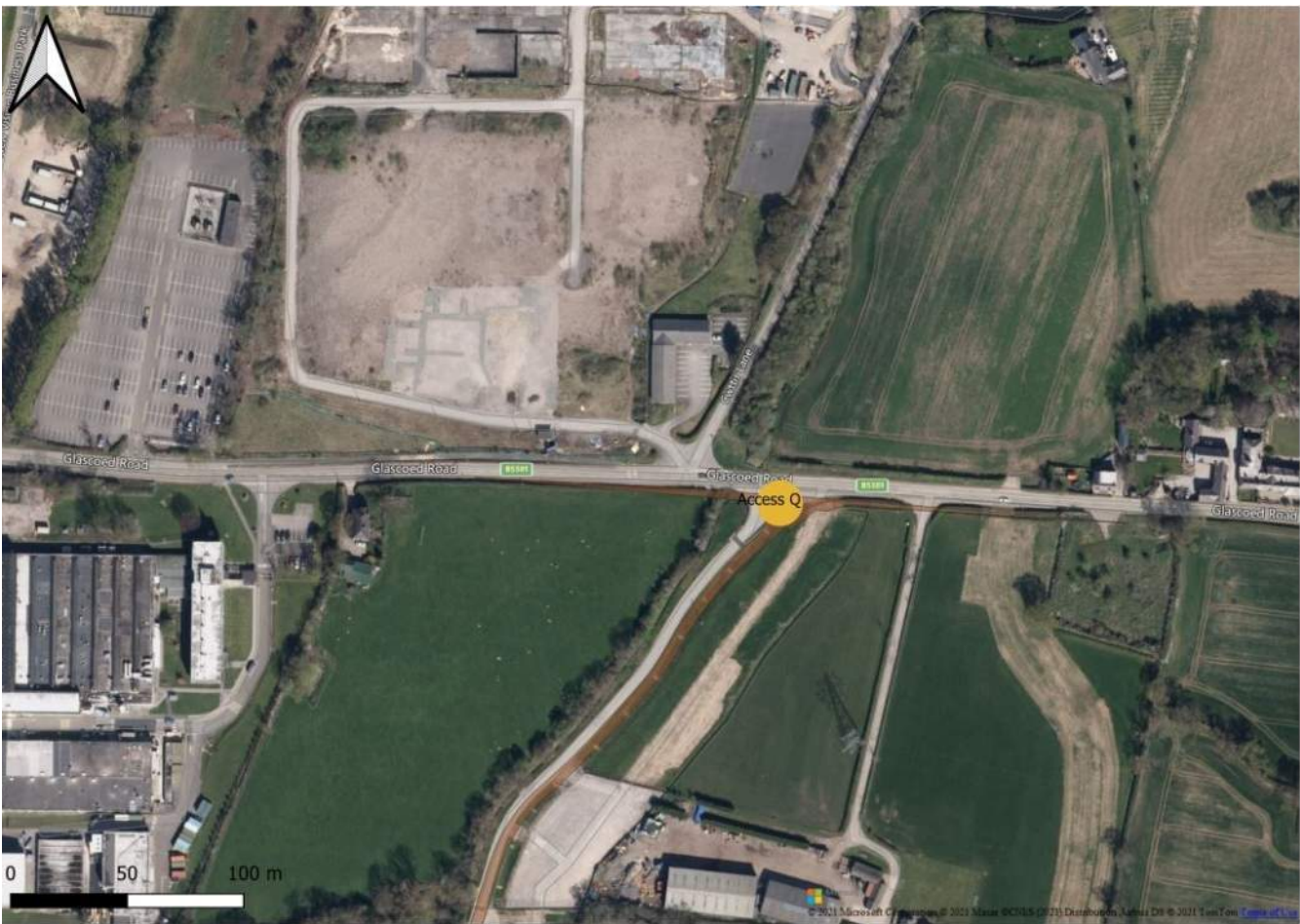
Access to National Grid construction zone.

Access Description

Reuse of existing Gwynt Y Môr Permanent Access Road.

Initial Traffic Routeing from A55

Off A55 at Junction 26, onto Ffordd William Morgan then B5381 Glascoed Road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking West Along Glascoed Road (B5381)



Google Street View Image—Looking East Along Glascoed Road (B5381)



Access R

Coordinates

Easting: 302052.38

Northing: 378123.28

Access Requirement

Access to southern side of Afon Ffyddion for construction of bridge over watercourse only.

Access Description

Reuse of existing access to sewage works. Access for equipment to construct haul road bridge across Afon Ffyddion only. Not for general site access/egress.

Initial Traffic Routeing from A55

Off A55 at Junction 27 onto A525 then Station Road and Tan-yr-eglwys Road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking East from Access R



Google Street View Image—Looking North West Towards Access R from Tyn-yr-eglwys Road



Access S

Coordinates

Easting: 301103.6470

Northing: 373914.3676

Access Requirement

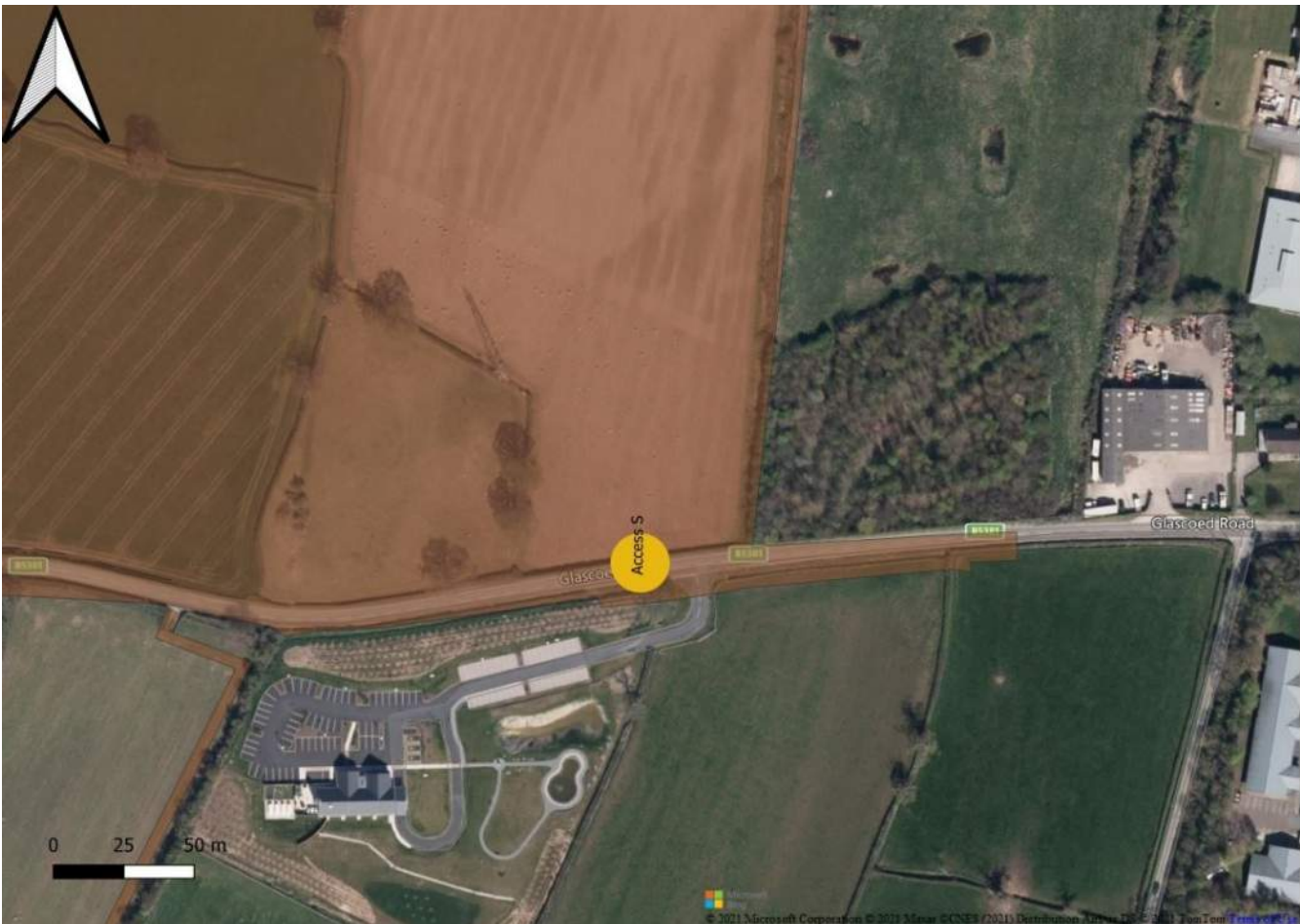
Substation permanent access may be taken from this location.

Access Description

Actual access location still to be finalised.

Initial Traffic Routeing from A55

Off A55 at Junction 26, onto Ffordd William Morgan then B5381 Glascoed Road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking West Along Glascoed Road (B5381)



Google Street View Image—Looking East Along Glascoed Road (B5381)



Access T

Coordinates

Easting: 301443.5074

Northing: 374756.3006

Access Requirement

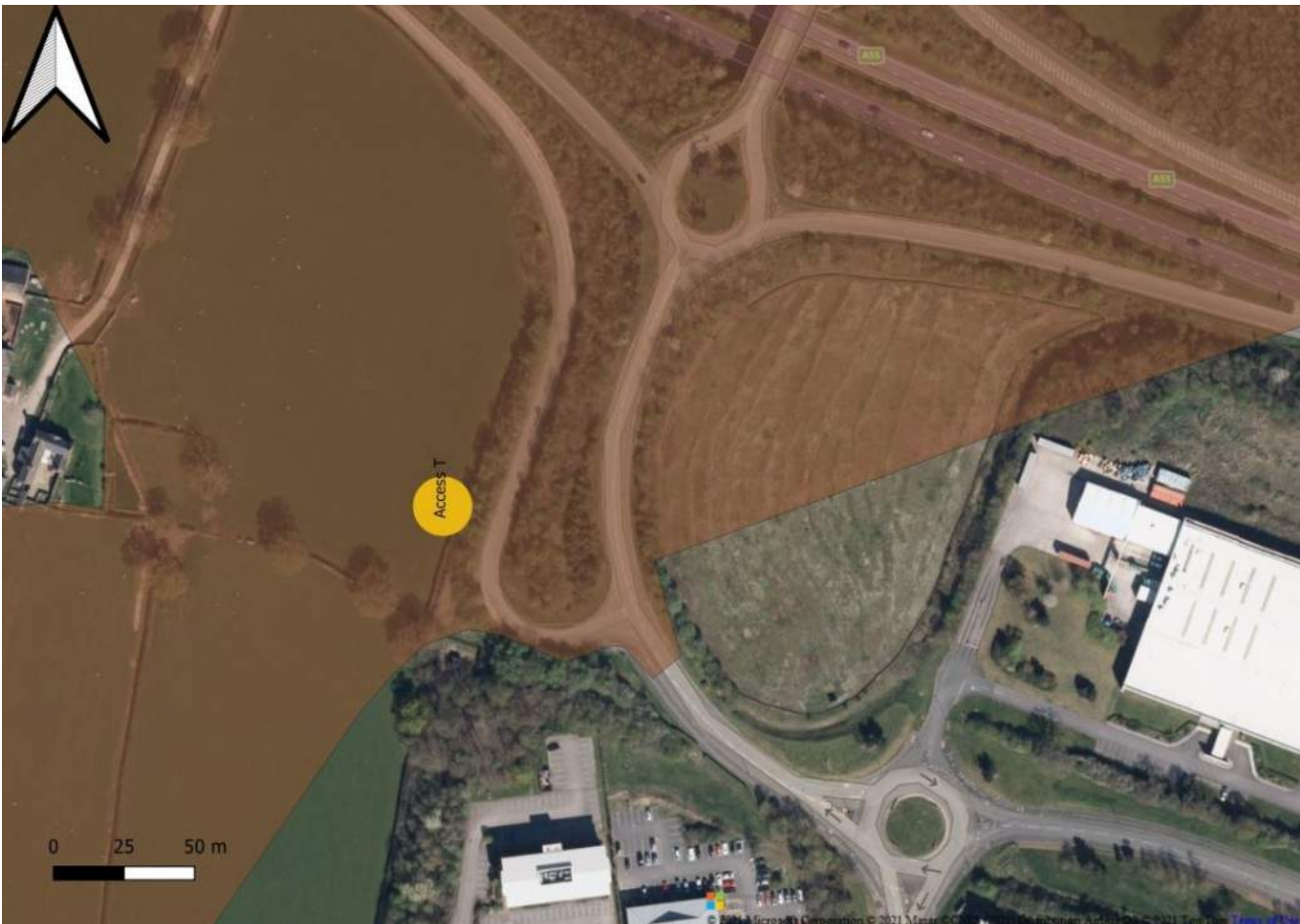
Substation permanent access may be taken from this location.

Access Description

Actual access location still to be finalised.

Initial Traffic Routeing from A55

Off A55 at Junction 26, onto Ffordd William Morgan then Minor Road.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking North West Along Ffordd William Morgan Towards Minor Road Junction



Google Street View Image—Looking South Along Ffordd William Morgan Towards Minor Road Junction



Crossing A

Coordinates

Easting: 303323.5335

Northing: 379842.1978

Access Requirement

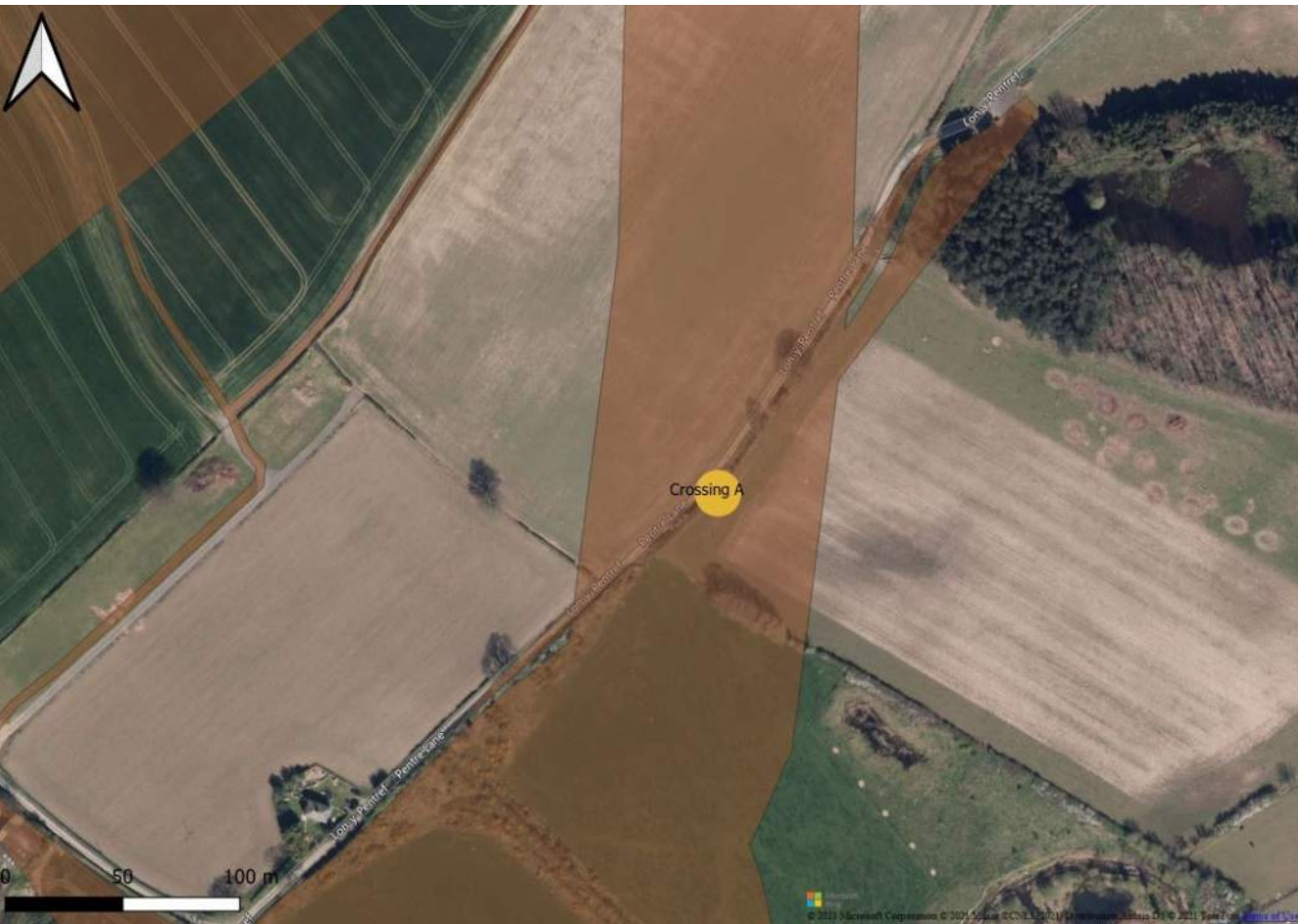
Haul Road crossing of Pentre Lane.

Access Description

Actual haul road crossing location still to be finalised.

Initial Traffic Routeing from A55

N/A - Crossing of road only.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Wardell Armstrong Site Photo—Looking North East Along Pentre Lane



Crossing B

Coordinates

Easting: 303135.5689

Northing: 379563.3272

Access Requirement

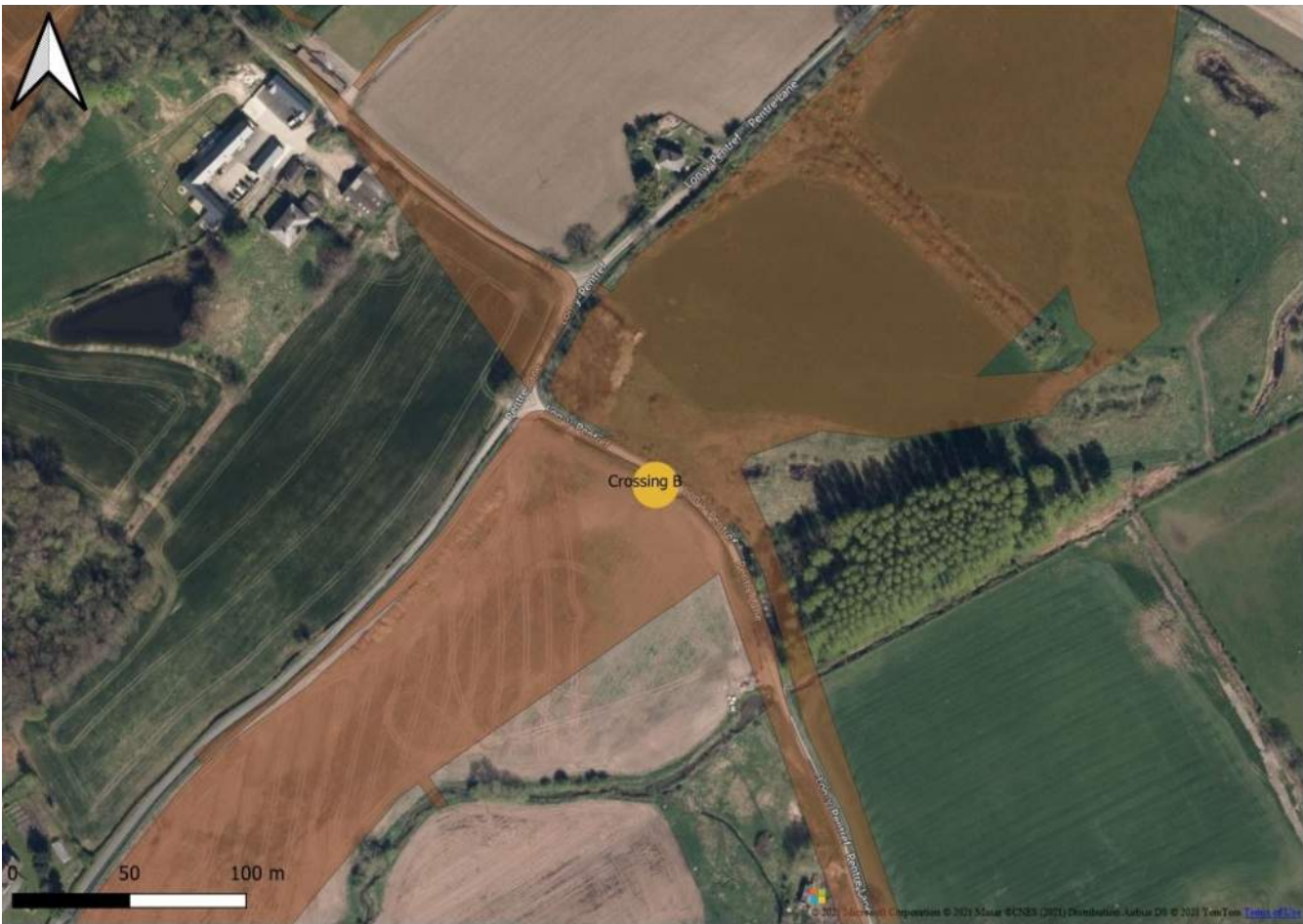
Haul Road crossing of Pentre Lane.

Access Description

Actual haul road crossing location still to be finalised.

Initial Traffic Routeing from A55

N/A - Crossing of road only.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking North Along Pentre Lane



Google Street View Image—Looking South Along Pentre Lane



Crossing C

Coordinates

Easting: 301435.2248

Northing: 376510.3737

Access Requirement

Haul Road Crossing of Nant -Y-Faenol Road.

Access Description

Actual haul road crossing location still to be finalised.

Initial Traffic Routeing from A55

N/A - Crossing of road only.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

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Google Street View Image—Looking West Along Nant-Y-Faenol Road



Google Street View Image—Looking East Along Nant-Y-Faenol Road



Crossing D

Coordinates

Easting: 300939.8536

Northing: 373583.8753

Access Requirement

Haul Road Crossing of minor road.

Access Description

Actual haul road crossing location still to be finalised.

Initial Traffic Routeing from A55

N/A - Crossing of road only.



Left: Overall Cable Route Access Locations With Subject Access Highlighted / Above: Access Location Plan

Project Red Line Boundary Shown As Brown Hatch

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Google Street View Image—Looking North Along Minor Road



Google Street View Image—Looking South Along Minor Road



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