

CROESO I'R ARDDANGOSFA GWYBODAETH I'R CYHOEDD AR GYFER PROSIECT GWELLA CYFFYRDD 15 AC 16 YR A55

WELCOME TO THE PUBLIC INFORMATION EXHIBITION FOR THE A55 JUNCTION 15 & 16

Bu i ‘Symud Gogledd Cymru Ymlaen’, Mawrth 2017, gadarnhau ymrwymiad Llywodraeth Cymru i wella Cyffyrdd 15 ac 16 yr A55.

Mae'r achos er gwella yn seiliedig ar natur strategol yr A55 fel rhan o Ffordd Ewropeaidd 22, Rhwydwaith Traws-Ewropeaidd – Trafnidiaeth (TEN-T).

Achosir problemau gan y ddwy gylchfan ar Gyffyrdd 15 ac 16 ac mae nodweddion is-safonol eraill o'r gefnffordd yn y cyffiniau.

Pwrpas yr arddangosfa yw:

- Cyflwyno tîm y prosiect;
- Amlinellu'r dewisiadau a ystyriwyd hyd yma;
- Rhoi gwybod i chi am y rhaglen waith arfaethedig a'r prosesau statudol;
- Eich galluogi i leisio'ch barn.

Bydd y tîm prosiect fydd yn bresennol yn hapus i'ch cynorthwyo gydag unrhyw gwestiwn sydd gennych am y wybodaeth. Defnyddiwch y ffurflen adborth a'r holiadur i leisio'ch barn.

Gellwch hefyd e-bostio sylwadau at A55J15J16@ramboll.com neu gysylltu â'r swyddog cyswllt cyhoeddus ar 07806 737 353.

Dyma'r gyfres gyntaf o arddangosfeydd cyhoeddus. Bydd eraill i ddilyn fel mae'r prosiect yn mynd rhagddo.

‘Moving North Wales Forward’, March 2017, confirmed the Welsh Government commitment to improve the A55 Junctions 15 & 16.

The case for improvements is based on the strategic nature of the A55 as part of the Euroroute E22 Trans-European Transport Networks (TEN-T).

There are problems caused by the two roundabouts at Junctions 15 & 16 and there are other substandard features of the trunk road in the vicinity.

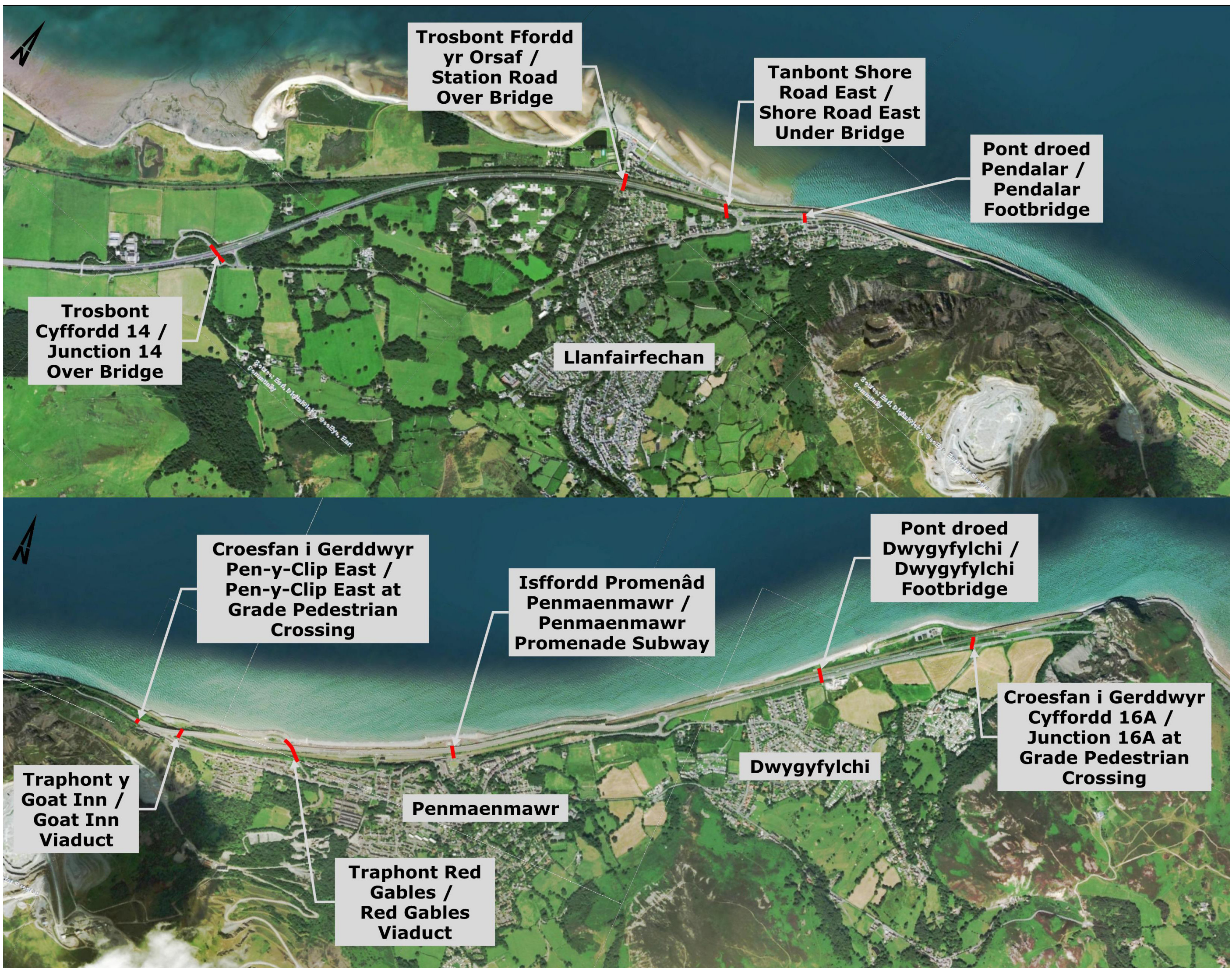
The purpose of the exhibition is to:

- Introduce the project team;
- Outline the options considered to date;
- Inform you of the proposed programme;
- Enable you to give your views.

The project team in attendance will be happy to assist you with any queries that you may have about the information. Please use the feedback form and questionnaire to give your views.

You can also email comments to A55J15J16@ramboll.com or contact the public liaison officer on 07806 737 353.

These are the first set of public exhibitions. There will be others to follow as the project progresses.



Leoliad Prosiect Gwella Cyffyrdd 15 ac 16 yr A55

Location of the A55 Junction 15 & 16 Improvement Project

PROSIECT GWELLA CYFFYRDD 15 AC 16 YR A55

A55 JUNCTION 15 & 16 IMPROVEMENT PROJECT

CEFNDIR Y PROSIECT

Ym mis Chwefror 2008, comisiynwyd Atkins gan Asiant Cefnffyrdd Gogledd a Chanolbarth Cymru (ACGCC) er mwyn archwilio gwelliannau diogelwch ffordd ar hyd yr A55 yng nghyffiniau Llanfairfechan a Phenmaenmawr, gan ganolbwyntio ar ystyried dewisiadau i wella Cyffyrdd 15 ac 16 gan gael gwared â'r cylchfannau ar yr un gwastad.

Ers 2008, cynhaliwyd gweithdai ymgysylltu â rhan-ddeiliaid a gwerthusiad pellach o'r dewisiadau. Mae'r tabl gerllaw yn crynhoi'r prif weithgareddau hyd yma:

Dyddiadau/ Dates	Gweithgaredd/ Activity
2005	Astudiaeth ac Asesiad Cychwynnol - datblygodd astudiaeth Capita Symonds, a gwblhawyd yn 2005, dri dewis ar gyfer Cyffordd 15 a chwe dewis ar gyfer Cyffordd 16. Initial Study and Assessment - Capita Symonds study, completed in 2005, developed 3 options for Junction 15 and 6 options for Junction 16.
Mai/ May 2008	Adnabod Dewisiadau - Ymchwiliodd Atkins ddewisiadau ar gyfer gwahanu lefelau Cyffyrdd 15 ac 16. Options Identification - Atkins investigated options for grade separation of Junctions 15 and 16.
Gorffennaf-Awst/ July-August 2008	Gweithdai Rhan-ddeiliaid a Chynghorwyr Lleol - Ystyriwyd y problemau ac ymchwiliwyd y datrysiadau posibl. Stakeholder and Local Councillor Workshops - The problems were considered and potential solutions investigated.
Ebrill/ April 2009	Adroddiad Dewisiadau Astudiaeth - Cyhoeddodd Atkins adroddiad fis Ebrill 2009 Study Options Report - Atkins issued report in April 2009
Mawrth/ March 2010	Cyhoeddi Cynllun Trafnidiaeth Cenedlaethol Cymru - Ymrwymiad i fynd i'r afael â phroblemau rhwydwaith, gan gynnwys y cylchfannau yng Nghyffyrdd 15 ac 16. Wales National Transport Plan Published - Commitment to address network issues, including the roundabouts at Junctions 15 and 16.
Chwefror-Hydref/ February-October 2011	Ymarfer Crynhoi ac Adroddiad Adolygu Dewisiadau - Aeth Atkins ati i adolygu dewisiadau, archwilio dewisiadau amgen posibl, a chynnal Gweithdy Dewisiadau yng ngwanwyn 2011. Cyhoeddwyd yr adroddiad fis Hydref 2011. Rounding Up Exercise & Options Review Report - Atkins reviewed options, examined potential alternatives and held Options Workshop in the Spring of 2011. The report was issued in October 2011.

BACKGROUND TO PROJECT

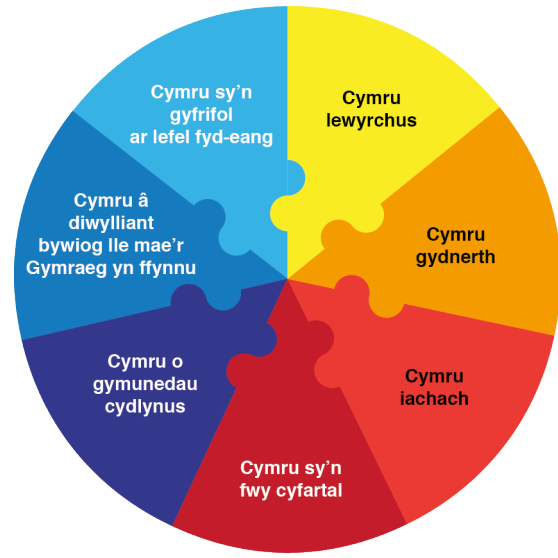
In February 2008 Atkins was commissioned by the North and Mid Wales Trunk Road Agent (NMWTRA) to examine road safety improvements along the A55 in the vicinity of Llanfairfechan and Penmaenmawr, with a focus on considering options for improving Junctions 15 and 16 by removing the at grade roundabouts.

Since 2008 stakeholder engagement workshops and further appraisal of the options have been carried out. The table alongside summarises the key activities to date:

MATERION A ADNABUWYD

O'r gweithdai blaenorol, adnabuwyd yr hyn a ganlyn fel y prif faterion sydd angen mynd i'r afael â hwy:

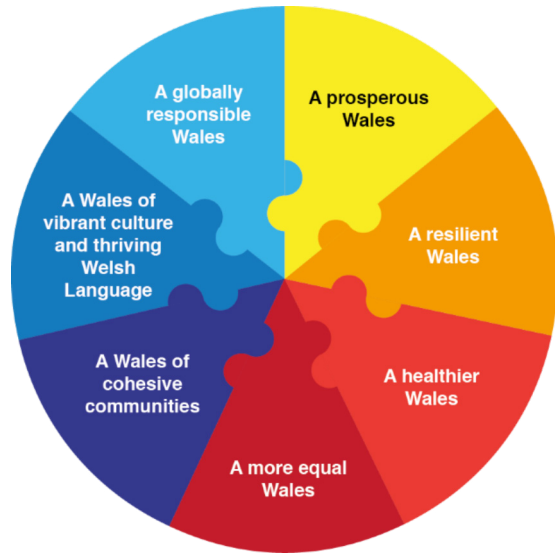
- Gwydnwch Rhwydwaith - h.y. diffyg llwybrau amgen
- Dim llwybrau mynediad amgen
- Cyffyrdd 15 ac 16 yw'r unig ddwy gylchfan ar yr un gwastad ar y llwybr Rhwydweithiau Traws-Ewropeaidd - Trafnidiaeth (TEN-T) ledled y Deyrnas Unedig
- Cyffyrdd is-safonol presennol
- Mae'r cylchfannau'n achosi oedi i'r rheini sy'n mynd ar yr A55 o Benmaenmawr a Llanfairfechan
- Cylchfannau ar Ffordd Ddeuol yn golygu amseroedd siwrne llai a phroblemau diogelwch
- Mae mynediad Network Rail yn is-safonol ac yn creu perygl diogelwch ar ôl Cyffordd 16
- Mae mynediad arfordirol gwael ar gyfer defnyddwyr nad ydynt yn fodurwyr (er enghraifft, beicwyr).



ISSUES IDENTIFIED

From the earlier workshops the following have been identified as the main issues that need addressing:

- Network Resilience - i.e. lack of alternative routes
- No alternative access routes
- Junctions 15 and 16 are the only two at-grade roundabouts on the Euroroute E22 Trans-European Transport Networks (TEN-T) route through the UK
- Sub-standard existing Junctions
- The roundabouts cause delays to those accessing the A55
- Roundabouts on a Dual Carriageway resulting in reduced journey times and safety issues
- Network Rail access is sub-standard and creates a safety hazard after Junction 16
- There is poor coastal access for non-motorised users (for example cyclists)



ADOLYGIAD O DDEWISIADAU Y RHAGLEN

Yn Adroddiad Dewisiadau Astudiaeth 2009, datblygwyd saith dewis ar gyfer Cyffordd 15, a datblygwyd pedwar dewis ar gyfer Cyffordd 16.

Yn ystod Adolygiad Dewisiadau 2011, aeth tri o ddewisiadau Cyffordd 15, a dau o ddewisiadau Cyffordd 16, ymlaen ar gyfer asesiad pellach ynghyd ag un dewis ychwanegol (newydd) ar gyfer bob cyffordd. Diystyriwyd gweddill y dewisiadau, a ollyngwyd o'r Adroddiad Dewisiadau Astudiaeth, naill ai oherwydd nad oeddynt yn cwrdd ag amcanion y rhaglen, neu gan eu bod yn ddrytach na'r dewisiadau a gadwyd gyda buddion tebyg.

Yn y cyfnod yn y canol, ystyriwyd un dewis pellach ar gyfer Cyffordd 15, a dau ddewis pellach ar gyfer Cyffordd 16. Mae hyn yn rhoi cyfanswm o bum dewis sydd ar hyn o bryd dan ystyriaeth ar gyfer bob cyffordd.

Asesir y dewisiadau yn erbyn amcanion gan ddefnyddio fframwaith Arweiniad ar Arfarnu Trafnidiaeth Cymru (WelTAG - 2017), gan sicrhau bod y broses yn gydnaws â nodau datblygu cynaliadwy a llesiant.

Rydym yn ystyried defnyddio'r amcanion rhaglen a ganlyn yn erbyn yr hyn i werthuso bob dewis:
AMC1 - Gwella mynediad i farchnadoedd rhanbarthol, cenedlaethol a rhyngwladol a gwella mynediad at gyfleoedd gwaith
AMC2 - Gwella diogelwch ffordd ar yr A55 o Gyffordd 14 hyd at Gyffordd 16A
AMC3 - Gwella amseroedd siwrne a dibynadwyedd amser siwrne ar yr A55 o Gyffordd 14 hyd at Gyffordd 16A
AMC4 - Gwella gwydnwch ar yr A55 ar gyfer traffig strategol a lleol
AMC5 - Gwella amseroedd siwrne, dibynadwyedd amseroedd siwrne a diogelwch ar gyfer mynediad at yr A55 o Lanfairfechan a Phenmaenmawr
AMC6 - Lleihau'r datgysylltiad rhwng Penmaenmawr / Llanfairfechan ac ardaloedd arfordirol ar gyfer Defnyddwyr nad ydynt yn Fodurwyr.

REVIEW OF SCHEME OPTIONS

In the 2009 Study Options Report, seven options were developed for Junction 15 and four options were developed for Junction 16.

During the 2011 Options Review, three of the Junction 15 options and two of the Junction 16 options were taken forward for further assessment together with one additional (new) option for each junction. The remaining options, dropped from the Study Options Report, were discounted either due to them not meeting the scheme objectives or due to being more expensive than retained options with similar benefits.

In the intervening period, one further option for Junction 15 and two further options for Junction 16 have been considered. This gives a total of five options currently under consideration for each junction.

The options will be assessed against objectives using the Welsh Transport Appraisal Guidance (WelTAG - 2017) framework, ensuring that the process is compatible with sustainable development and well-being goals.

We are considering using the following scheme objectives against which to appraise each option:

- OBJ1 - Improve access to regional, national and international markets and improve access to employment opportunities
- OBJ2 - Improve road safety on the A55 from Junction 14 to Junction 16A
- OBJ3 - Improve journey times and journey time reliability on the A55 from Junction 14 to Junction 16A
- OBJ4 - Improve resilience on the A55 for strategic and local traffic
- OBJ5 - Improve journey times, journey time reliability and safety for access onto the A55 from Llanfairfechan and Penmaenmawr.

DEWISIADAU GWELLA CYFFORDD 15 YR A55 (1)

A55 JUNCTION 15 IMPROVEMENT OPTIONS (1)



Dewis 1 / Option 1

Dewis 1

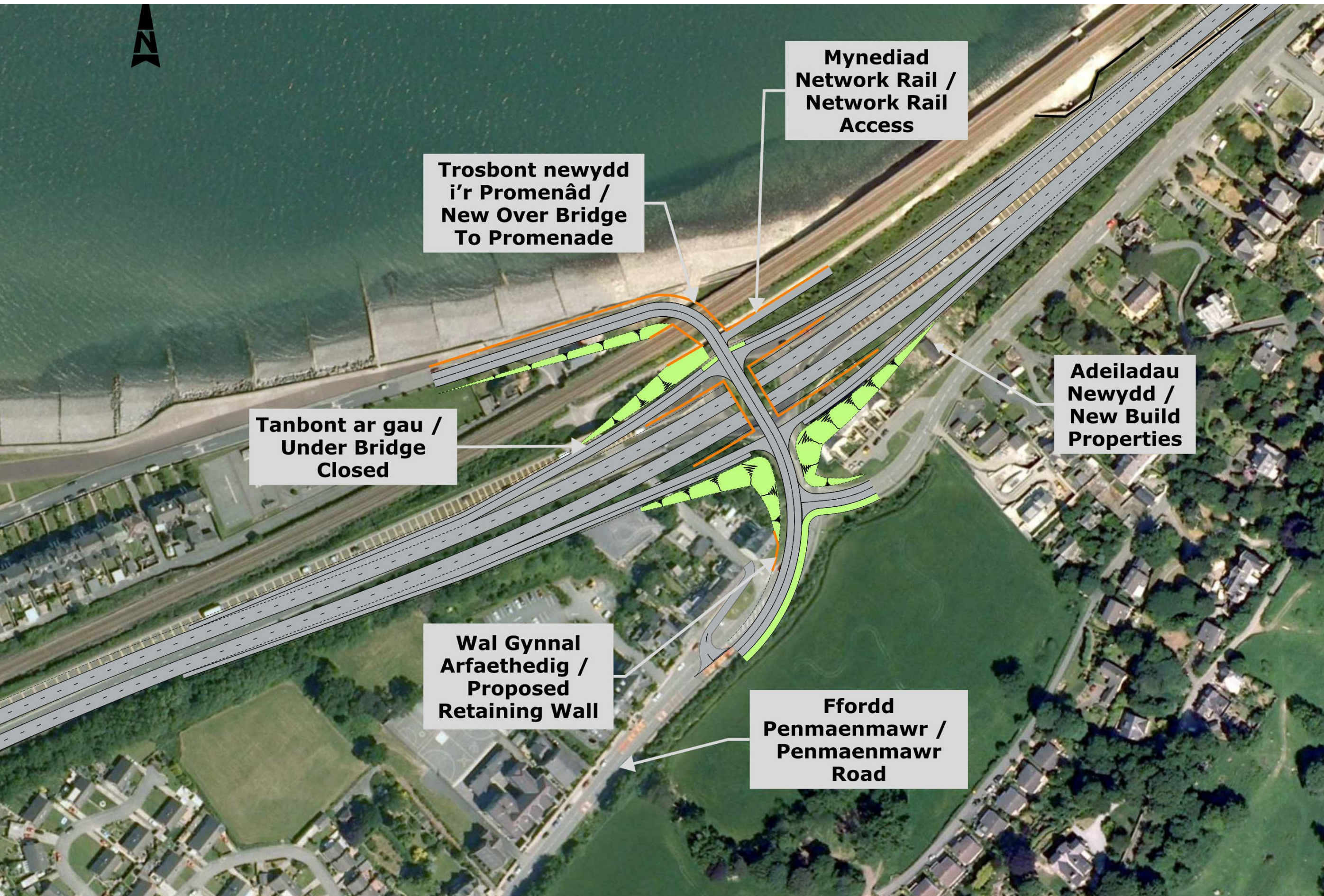
Daw Dewis 1 o Adroddiad Dewisiadau Astudiaeth 2009, ble y cafodd ei restru fel Dewis 15-1.

Mae'r dewis arfaethedig yn cynnwys slipffyrdd newydd tua'r Gorllewin a lledu'r tanbont gyfredol.

Option 1

Option 1 comes from the 2009 Study Options Report, where it was listed as Option 15-1.

The proposed option consists of new Westbound roads slip roads and the widening of the existing underbridge.



Dewis 2 / Option 2

Dewis 2

Daw Dewis 2 o Adroddiad Dewisiadau Astudiaeth 2009, ble y cafodd ei restru fel Dewis 15-2.

O dan y cynnig, gellid adeiladu trosbont newydd ar safle hen gylchfan Cyffordd 15 er mwyn cysylltu gyda'r Promenâd. Byddai'r tanbont gyfredol yn cau.

Option 2

Option 2 comes from the 2009 Study Options Report, where it was listed as Option 15-2.

Under the proposal a new over bridge could be constructed at the site of the former Junction 15 roundabout to connect with the promenade. The existing underbridge would be closed.



Dewis 3 / Option 3

Dewis 3

Daw Dewis 3 o Adroddiad Dewisiadau Astudiaeth 2009, ble y cafodd ei restru fel Dewis 15-5.

Mae'r dewis arfaethedig yn cynnwys tanffordd newydd ac adlinio Ffordd Penmaenmawr.

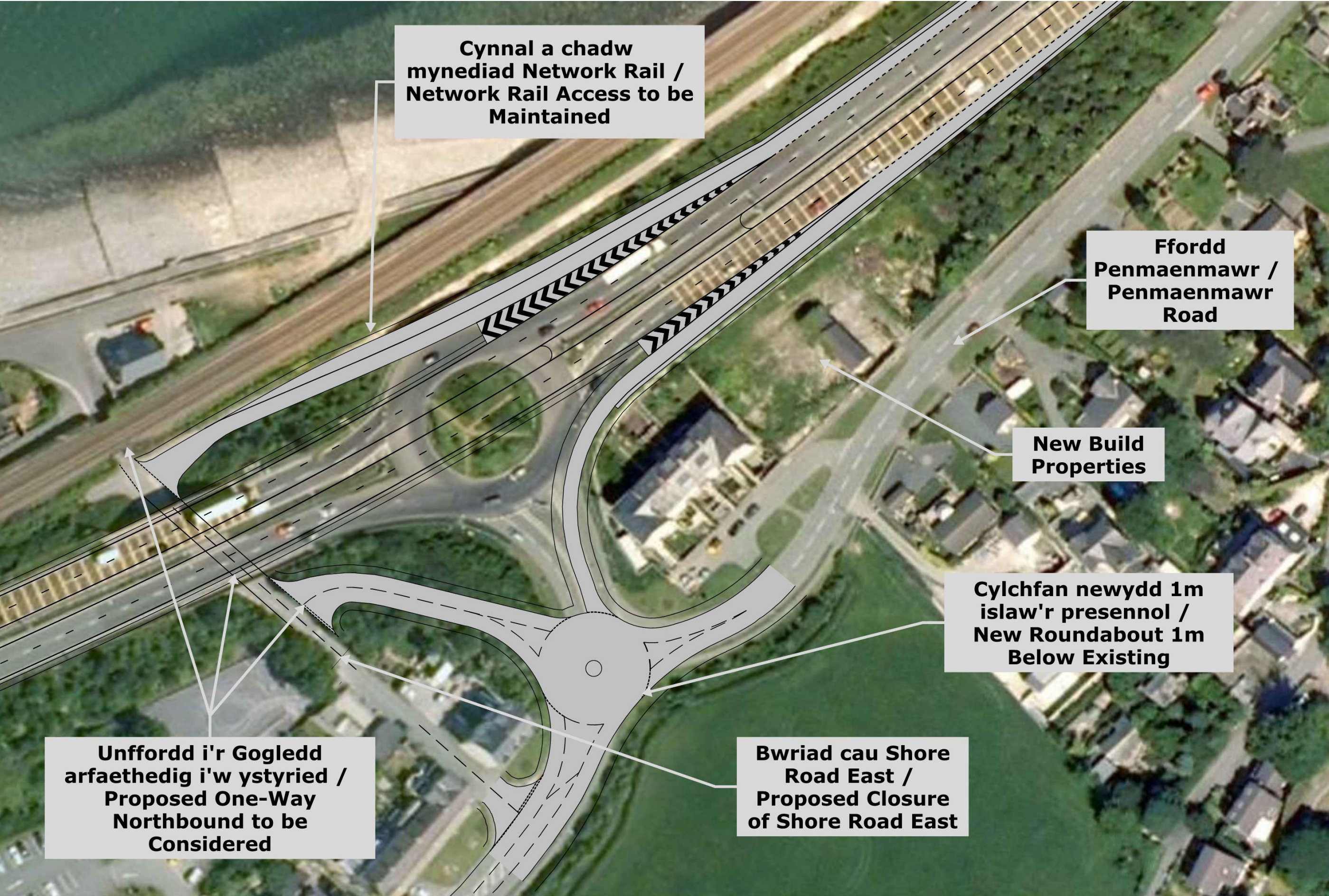
Option 3

The proposed option consists of a new underpass and realignment of the Penmaenmawr Road.

Option 3 comes from the 2009 Study Options Report, where it was listed as Option 15-5.

DEWISIADAU GWELLA CYFFORDD 15 YR A55 (2)

A55 JUNCTION 15 IMPROVEMENT OPTIONS (2)



Dewis 4/ Option 4

Dewis 4

Daw Dewis 4 o Adroddiad Dewisiadau Astudiaeth 2009, ble y cafodd ei restru fel Dewis 15-8.

Mae'r dewis arfaethedig yn ymgorffori ffordd gyswllt newydd gyda chylchfan, a chau rhan o Shore Road East. Ystyrir y cynnig i gyfyngu'r tanffordd i draffig tua'r Gogledd yn unig.

Option 4

Option 4 comes from the 2011 Options Review, where it was listed as Option 15-8.

The proposed option incorporates a new link road with roundabout and the closure of part of Shore Road East. The proposal to restrict the underpass to Northbound only traffic would be considered.



Dewis 5/ Option 5

Dewis 5

Mae Dewis 5 yn ddewis ychwanegol sydd wedi'i ddatblygu ers 2011.

Mae'r dewis arfaethedig ychwanegol yn ymgorffori trosbont newydd, ffyrdd cyswllt a chylchfan i gysylltu i Ffordd Penmaenmawr yng nghyffiniau y gylchfan cyfredol yng Nghyffordd 15.

Option 5

Option 5 is an additional option which has been developed since 2011.

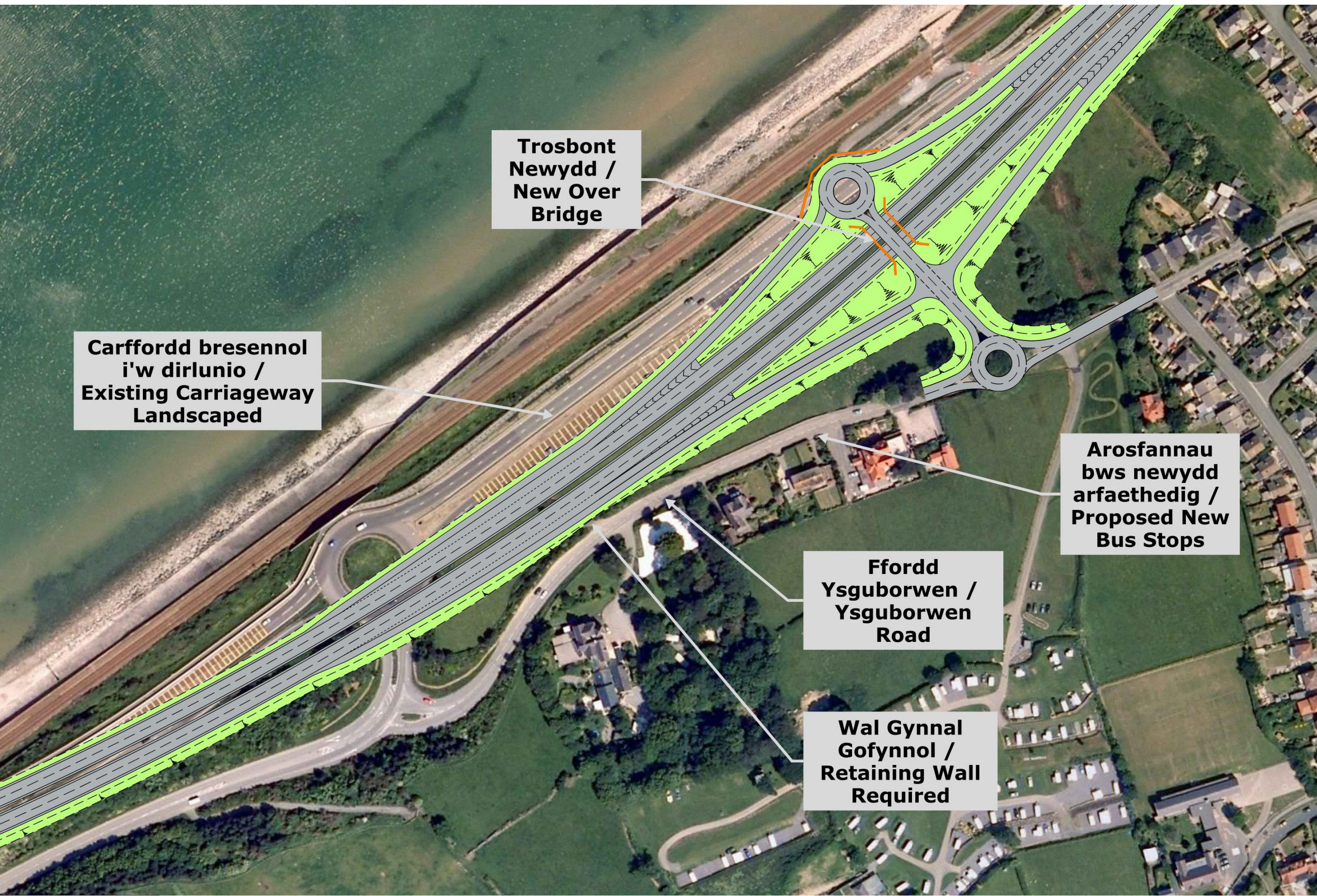
The additional proposed option incorporates a new overbridge, link roads and roundabout to connect to Penmaenmawr Road in the vicinity of the existing Junction 15 roundabout.

Dewis /	Mynediad Tua'r Dwyrain/	Allanfa Tua'r Dwyrain/	Mynediad Tua'r Gorllewin/	Allanfa Tua'r Gorllewin/
Option	Eastbound Entry	Eastbound Exit	Westbound Entry	Westbound Exit
1	✗	✗	✓	✓
2	✓	✓	✓	✓
3	✓	✗	✗	✓
4	✓	✗	✗	✓
5	✓	✓	✓	✓

Symudiad posibl o draffig wrth Gyffordd 15
Potential movement of traffic at Junction 15.

DEWISIADAU GWELLA CYFFORDD 16 YR A55 (1)

JUNCTION 16 IMPROVEMENT OPTIONS (1)



Dewis 1/ Option 1

Dewis1

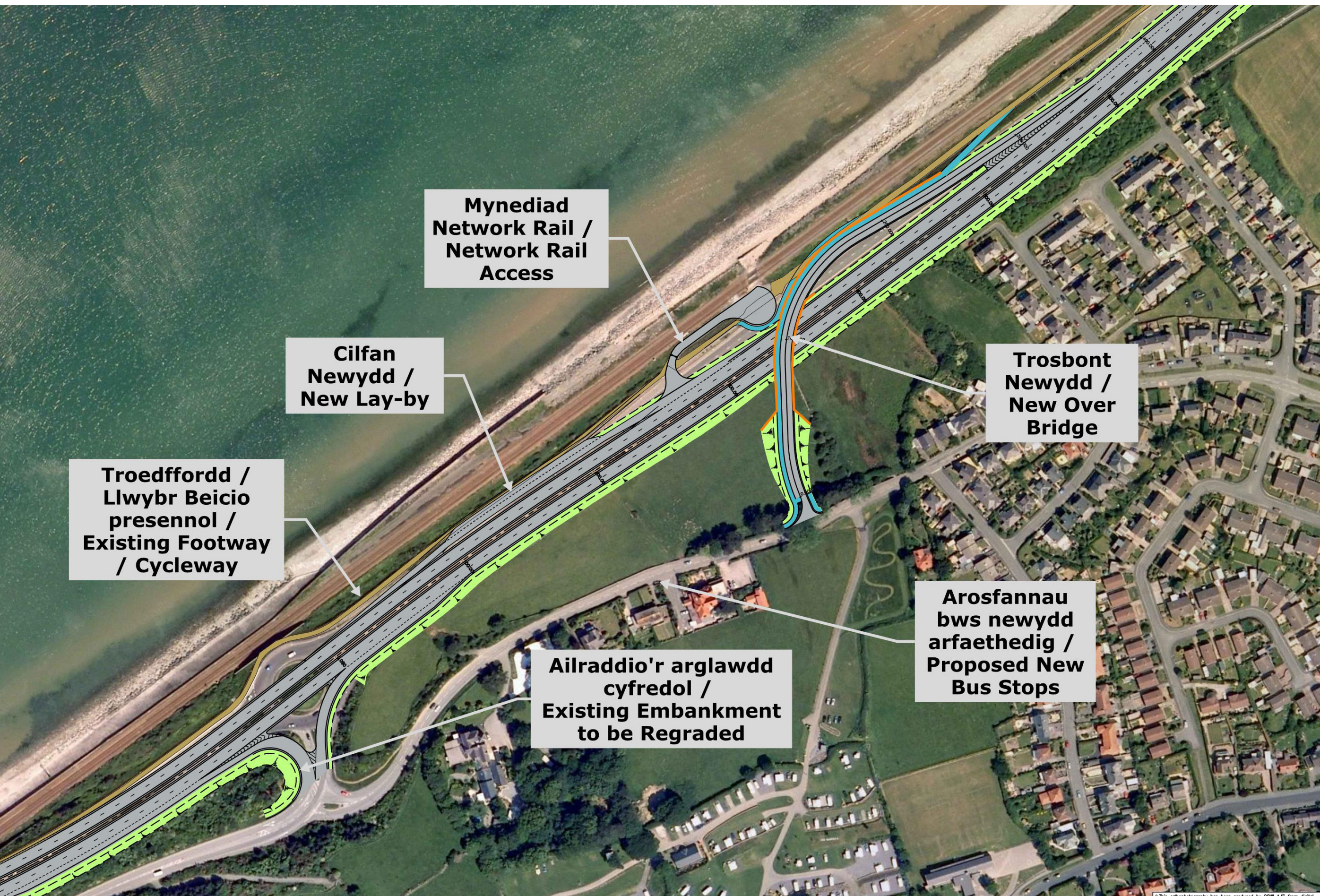
Daw Dewis 1 o Adroddiad Dewisiadau Astudiaeth 2009, ble y cafodd ei restru fel Dewis 16-1.

Mae'r dewis arfaethedig yn cynnwys trosbont newydd ar ffurf dymbel gyda ffordd gyswllt newydd a chylchfan yn cysylltu'r A55 at Ffordd Ysguborwen. Byddai'r dewis yn gofyn am adlinio'r A55.

Option 1

Option 1 comes from the 2009 Study Options Report, where it was listed as Option 16-1.

The proposed option consists of a new overbridge in a dumbbell arrangement with a new link road and roundabout connecting the A55 to Ysguborwen Road. The option would require the realignment of the A55.



Dewis 2/ Option 2

Dewis 2

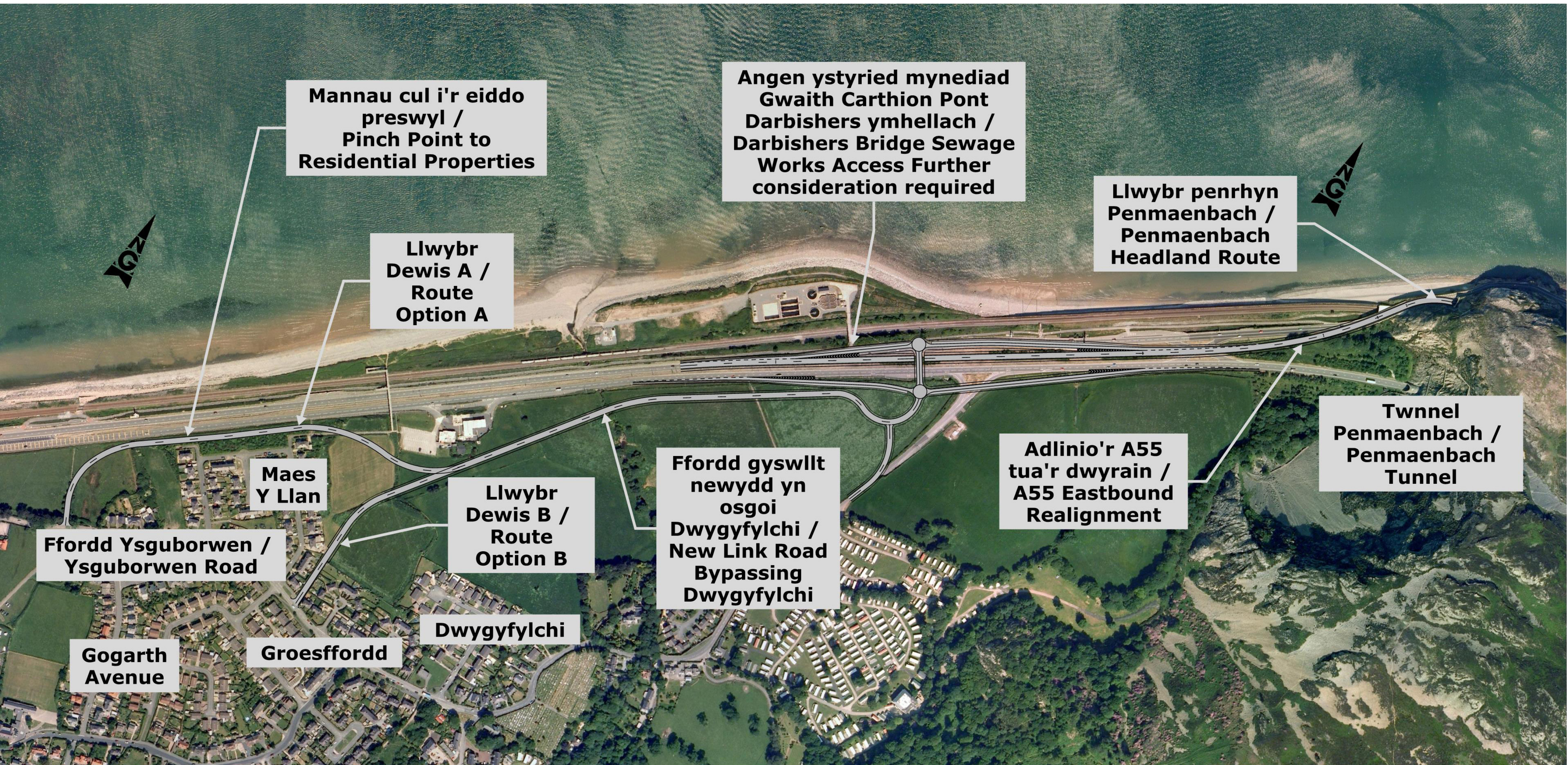
Daw Dewis 2 o Adroddiad Dewisiadau Astudiaeth 2009, ble y cafodd ei restru fel Dewis 16-4.

O dan y dewis arfaethedig, byddai trosbont a ffordd gyswllt newydd yn cael eu hadeiladu er mwyn cysylltu Ffordd Ysguborwen gyda'r A55 ar gyfer traffig tua'r Dwyrain. Byddai slipffyrdd tua'r Dwyrain yn cael eu hadeiladu yng nghyffiniau cylchfannau cyfredol Cyffordd 16.

Option 2

Option 2 comes from the 2009 Study Options Report, where it was listed as Option 16-4.

Under the proposed option a new overbridge and link road would be constructed to connect Ysguborwen Road to the A55 for Eastbound traffic. Westbound slip roads would be constructed in the vicinity of the existing Junction 16 roundabouts.



Dewis 3/ Option 3

Dewis 3

Daw Dewis 3 o Adroddiad Dewisiadau Astudiaeth 2009, ble y cafodd ei restru fel Dewis 16-5.

Mae'r dewis arfaethedig yn cynnwys trosbont newydd ar ffurf dymbel, gyda ffyrdd cyswllt newydd yn darparu ffordd osgoi a chysylltiad i Dwygyfylchi. Adnabuwyd dau ddewis ar gyfer yr aliniad posibl yn rhan o'r ffordd yn osgoi Dwygyfylchi.

Option 3

Option 3 comes from the 2011 Options Review, where it was listed as Option 16-5.

The proposed option consists of a new overbridge in a dumbbell arrangement, with new link roads providing a bypass and a connection to Dwygyfylchi. Two options were identified for the potential alignment of section of road bypassing Dwygyfylchi.

DEWISIADAU GWELLA CYFFORDD 16 YR A55 (2)

JUNCTION 16 IMPROVEMENT OPTIONS (2)



Dewis 4/ Option 4

Dewis 4

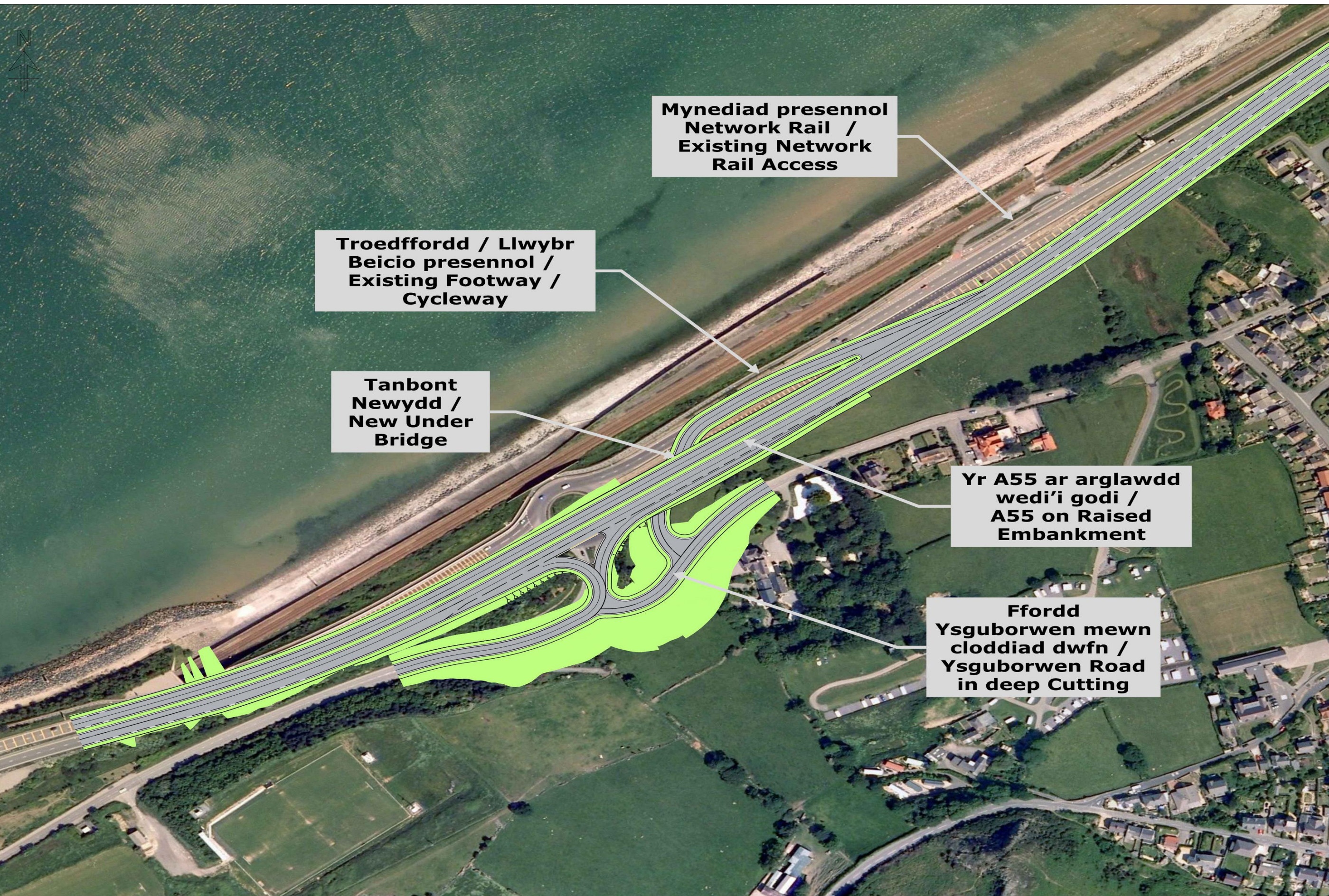
Mae Dewis 4 yn ddewis ychwanegol sydd wedi'i ddatblygu ers 2011.

Mae'r dewis ychwanegol arfaethedig yn cynnwys trosbont newydd a slipffyrdd yng nghyffiniau'r Gyffordd 16 gyfredol, gyda ffyrdd cyswllt i gysylltu'r A55 gyda Ffordd Ysguborwen.

Option 4

Option 4 is an additional option which has been developed since 2011.

The proposed additional option consists of a new overbridge and slip roads in the vicinity of the existing Junction 16, with link roads to connect the A55 with Ysguborwen Road.



Dewis 5/ Option 5

Dewis 5

Mae Dewis 5 yn ddewis ychwanegol sydd wedi'i ddatblygu ers 2011.

O dan y dewis ychwanegol arfaethedig, byddai arglawdd wedi'i godi yn cael ei adeiladu a byddai cyfnewidfa newydd yn pasio heibio'r A55 er mwyn galluogi traffig tua'r Dwyrain ar yr A55. Byddai slipffyrdd tua'r Gorllewin yn cael eu hadeiladu yn lle'r Gyffordd gyfredol. Efallai y bydd yr A55 angen ad-aliniad yn lleol.

Option 5

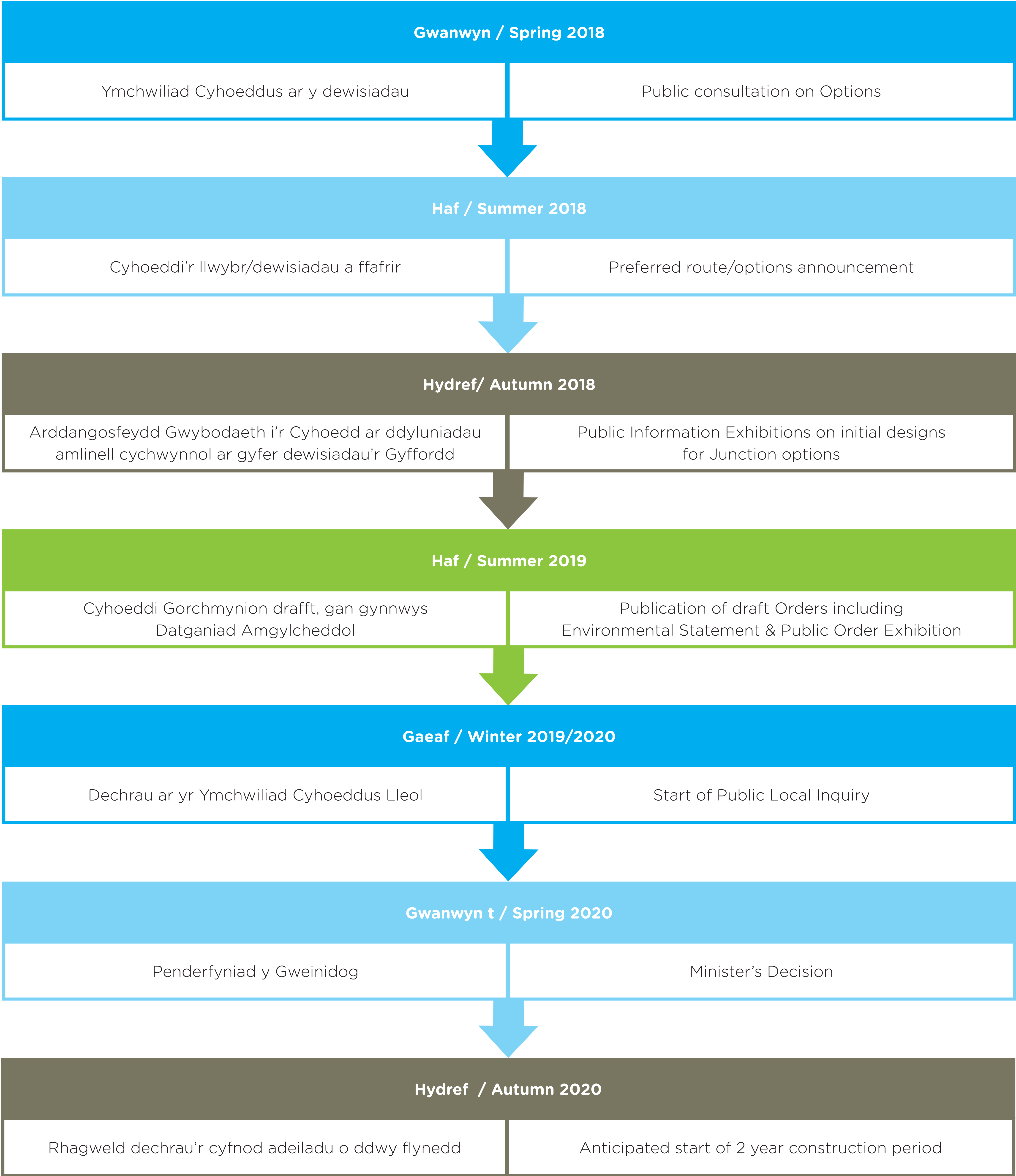
Option 5 is an additional option which has been developed since 2011.

Under the proposed additional option, a raised embankment would be constructed to allow a new slip road to pass under the A55 to allow Eastbound traffic onto the A55. Westbound slip roads would be constructed to replace the existing Junction. The A55 may require realignment locally.

Dewis	Mynediad Tua'r Dwyrain	Allanfa Tua'r Dwyrain	Mynediad Tua'r Gorllewin	Allanfa Tua'r Gorllewin
Option	Eastbound Entry	Eastbound Exit	Westbound Entry	Westbound Exit
1	✓	✓	✓	✓
2	✓	✗	✓	✓
3	✓	✓	✓	✓
4	✓	✓	✓	✓
5	✓	✗	✓	✓

Symudiad posibl o draffig wrth Gyffordd 16
Potential movement of traffic at Junction 16

NEXT STEPS



HOFFWN GLYWED EICH BARN

Hoffwn glywed eich barn, fel y gellir eu hystyried yn natblygiad unrhyw gynigion yn y dyfodol.

Gellwch roi'ch barn i ni drwy gwblhau'r holiadur. Gellwch hefyd anfon sylwadau dros e-bost at A55J15J16@ramboll.com neu gysylltu â'r swyddog cyswllt cyhoeddus ar 07806 737 353.

WE WOULD LIKE TO HEAR YOUR VIEWS

We would like to hear your opinions, so that they can be considered in the development of any future proposals.

You can give us your views by completing the questionnaire. You can also email comments to A55J15J16@ramboll.com or contact the public liaison officer on 07806 737 353.