COMMITTEE	DWYFOR AREA COMMITTEE	
DATE	17 SEPTEMBER, 2012	
TITLE OF REPORT	PROPOSED HIGHWAYS AND MUNICIPAL WORKS PROGRAMME IN THE DWYFOR AREA	
PURPOSE	INFORM THE COMMITTEE OF THE PROPOSED WORK OBJECTIVES DURING 2012/13	
ACTION	TO ACCEPT THE REPORT FOR INFORMATION	
AUTHOR	DWYFOR AREA ENGINEER	
PORTFOLIO LEADER		

#### 1.0 BACKGROUND

- 1.1 The purpose of this report is to inform members of the desirable Highway and Municipal works programmes in the Dwyfor Area for the year.
- 1.2 The Highways and Municipal Service has three main activities, namely:-
  - Maintaining Highway Assets:- maintaining the standard of the highway network to meet and safeguard the requirements of road users;
  - Maintaining Municipal Assets:- maintain properties and facilities such as public toilets, play areas, benches, shelters and cemetries.
  - Waste Management:- raising awareness, leading and promoting ways of managing and recycling waste;
- 1.3 The aim is to prepare and perform these main work activities in the most efficient manner in order to contribute towards achieving the Council's goal of "Improving Gwynedd".

#### 2.0 HIGHWAYS WORKS PROGRAMME

#### **Overview of Highway Maintenance Works**

Maintenance work is performed in either of two ways. In response to situations arising eg reactive response to make safe local defects, or by a planned response in the form of performing a sheduled programme of works determined in advance such as resurfacing and surface dressing carriageways.

Planned programmes of works are determined on needs appraisal based on a regime of inspections and technical analysis and selected in order of priority. The condition of the network sometimes changes during the year and when this occurs it is necessary to reappraise the needs and to change priorities to accommodate conditions, eg in mitigating consequential circumstances following extensive periods of snow and ice and following exceptional flood damage.

It is not permissible to overspend the budget and therefore by reappraising the priorities during the year as conditions necessitate it is possible to make the best use of available budget. Any works that need to be deferred will be given future consideration when priorities and finances permit.

Day to day reactive minor works is carried out on needs appraisal based on risk assessment and cyclic and seasonal work on historic arrangements based on seasonal demands and growing cycle.

In order for this report to be reasonably concise, as it would be excessive to include details of all works undertaken, included in the appendices are the main priority programmes of work only as are currently determined.

# 2.1 County Road Maintenance

Maintaining the county road network is one of the Service's core objectives. In summary this includes maintaining the fabric of the highway and associated drainage provision, gully emptying, highway safety grass cutting, weed control and responding to situations such as road traffic accidents and incidents of flooding. Siding, channel sweeping and ditching cleansing works effected as required in order of priority and as resources permit. Winter maintenance activities are also prepared over the winter months to mitigate the risks of ice and snow.

The County Road summary of works programmes is appended to the report as follows:-

- Carriageway resurfacing and overlay Appendix A
- Surface dressing programme **Appendix B**
- Minor drainage and footway works **Appendix C**

There is a total revenue budget of £2223,540 to deliver county road highway maintenance work in the Dwyfor Area during 2012/13.

# 2.2 Trunk Road Maintenance

The Service also maintains trunk roads on behalf of the National Assembly for Wales as part of the North and Mid Wales Trunk Road Agency. There is only one trunk road in the Dwyfor Area, the A487 extending from the Minffordd roundabout, along the Porthmadog bypass as far as the hamlet of Pantglas.

The background and scope of maintenance works is as that for county roads but there are specific terms of reference and response times for trunk roads in recognition of their national and strategic importance.

# 2.3 Welsh Government Local Borrowing Initiative.

Gwynedd Council is currently implementing an additional £4.3 million investment in improving its strategic highway network as part of the Welsh Government Local Borrowing Initiative. It is envisaged that a similar investment will be made available annually for improvements to the County Road network for the next two years amounting to £12 million additional funding in total.

Residents and highway users of Gwynedd should be aware that the additional funding allows for a significant programme of highway re-surfacing and improvements throughout the County.

This proposed programme for the current year is shown in **Appendix CH.** 

# 2.4 Lighting Services

The maintenance of public lighting systems on the county road network and on the A487 trunk road in Dwyfor is arranged directly from the Lighting Service's Depot at Cwm y Glo, Llanberis. The proposed work will cover the whole of the area where column/lantern changes have been identified and some works orders are currently committed but may be subject to change during the year. The proposed structural column testing programme in the Dwyfor Area is currently being reviewed and will be ready for implementation within the next six weeks. General work maintenance will continue throughout the year including bulk lamp change, painting etc. **See Appendix D.** 

# 3.0 MUNICIPAL

# 3.1 Public Conveniences

The Council is continuing to work with several Town/Community Councils and other organisations to run public toilets. It is envisaged that the majority of the revenue budget this financial year will be expended on general maintenance work. Buildings should be painted and tidied after the holiday season when the sites are less busy.

#### 3.2 Cemeteries

The major share of the budget will be committed on routine maintenance works such as grass cutting, weed control and repairing paths, fences, gates and other boundary features. The program of memorial inspections is ongoing with this year's work having commenced in July. Any memorials identified as being unstable will be temporarily made safe. Land has been purchased to extend Criccieth Cemetery and works are planned to establish the new boundary.

# 3.3 Play Areas

The revenue budget will provide maintenance works for grounds, equipment and boundaries. The provision of new play equipment will be financed by the Services' capital budget as required on the basis of condition and priority. Sites with play equipment for children will receive regular safety inspections and a six monthly detailed survey.

#### 3.4 General

The cyclic grass cutting work continues and a programme for the weed control is in place which includes sites with infestation of Japanese Knotweed.

# 4.0 STREETSCENE SERVICE

- 4.1 The scope of **Streetscene Services**, which focuses on improving local environmental quality, includes Street Enforcement, Public Education, Community Gangs, Street Cleansing performance and the Tidy Towns Initiative.
- 4.2 The **Street Enforcement Team** continues to deal with environmental offences such as litter, waste, fly-tipping and dog fouling. During 2011-12, offenders in Gwynedd received 214 on-the-spot fines, an increase of 31 on the previous year. Specific dog fouling enforcement campaigns have focussed on the Pwllheli, Porthmadog and Criccieth areas and tipping problems at Nefyn, Pwllheli and Porthmadog recycling banks have been closely monitored. This year staff will be supporting further specific initiatives aimed at reducing dog fouling problems, littering and fly-tipping.
- 4.3 The **Community Gangs** continue to undertake a variety of minor maintenance tasks on a cyclic basis throughout Dwyfor. A "Blitz" programme was completed during the last financial year (Abererch, Llannor, Tudweiliog and Pontllyfni). Tidy Towns funding has been made available for further work in the current financial year (Garndolbenmaen and Sarn Mellteyrn).
- 4.4 **Tidy Towns Initiative** (Year 5) the Council continues to receive very positive feedback and favourable local press coverage. The ongoing awareness raising campaign aimed at reducing dog fouling problems has been conducted in partnership with local schools. New Tidy Towns coastal bins have been installed at Criccieth, Pwllheli and Aberdaron promenades. The new bins, which are fitted with seagull flaps, serve a dual purpose as they can be used for either litter or bagged dog waste. The Tidy Towns urban tree replacement project has also focused on Dwyfor and seven new trees were planted in Pwllheli.

#### 5.0 MANAGING WASTE AND RECYCLING

- 5.1 So as to meet the targets of recycling, composting and the restriction on landfill, the Council Waste Strategy includes several steps, changes, developments and recycling provision over the coming years.
- 5.2 The Waste Strategy is relevant to to the municipal waste that is the waste that is collected from households; rubbish that is collected from street bins, through sweeping streets and cleaning beaches; waste that is collected from our recycling centres, parks and municipal open grounds, commercial waste where there is an agreement with the Council to collect it.
- 5.3 Management of this waste is one of the most important environmental matters and the most challenging that face Wales and by this time statutory targets have been set:-
  - By March 2013 there is a must to recycling and compost a minimum of 52%
  - By March 2016 there is a must to recycling and compost a minimum of 58%
  - By March 2020 there is a must to recycling and compost a minimum of 64%
  - By March 2025 there is a must to recycling and compost a minimum of 70%

There is also a limit on the amount of biodegradable waste that can be put into landfill and this allowance is decreasing annually.

- 5.4 The developments and arrangements for collection below implemented so far put us on target for March 2013.
  - Introduction of a weekly food collection is operative throughout the county. The food is collected by using a small 23 litre bin with biodegradable bags.
  - New recycle centres have been opened at Dolgellau and Blaenau Ffestinog.
  - Businesses with commercial agreements with the Council are offered the recycling service and food collections.
  - We are trialling an unique process for dealing with road sweepings.
- 5.5 What next:- with the targets rising it is evident that there is a need to increase what is collected for recycling. In the coming year we will therefore implement the following:-
  - Extend the recycle collection (Blue Box) to include poor quality plastic and also 'tetrapacs'
  - Review the waste bin service green bin household waste 240 litres needs to be reviewed due to decreasing use
  - Increase recycling levels in our recycling centres by looking to recycle a wider range of materials such as carpets and hard plastics

- Ensure better use of the Blue box and Food Waste service
- Educational Campaign, raise awareness and enforcement
- Alteration to the waste collection routes
- Increase recycling service on our street.

# 5.6 Dealing with Food Waste (Prosiect GwyriAD)

So as to keep within allowance of biodegradable landfill waste we have introduced a weekly food collection. The Council has been successful in providing an Anaerobig Dreuliad (AD) for the purpose of composting food. Even though we already have a composting station in Harlech for food and garden waste this would not have been sufficient for our needs. The new AD station will be able to deal with between 8000t and 10000t of food and the site should be operational by June 2013.

- 5.7 Dealing with waste. (North Wales Regional Waste Treatment project 2016/17 onwards)
- 5.8 With the annual decrease in the Statutory Landfill allowance it is evident that the Council face substantial risks if it continues to depend upon landfill to treat waste in future, especially so from 2018 onwards. The Assembly's new strategy places a limit on landfill of 10% of the total waste in 2020 which will decrease to 5% in 2025.
- 5.9 As a result, alternative technology is required to deal with the surplus waste i.e. The waste that can not be recycled or composted during the period in question.
- 5.10 There would be substantial cost and risks to the Council in the purchasing and establish their own means of deviating and treating surplus waste from landfill. Cyngor Gwynedd have committed to form a partnership with Counties of Anglesey, Conwy, Denbigh and Flint for the purpose of solving the regional municipal surplus waste.
- 5.11 The project is lead by Flintshire Council with the Assembly assisting with funding the work necessary to develop the project. i.e. procurement period.
- 5.12 The work is proceeding very well and is on track to be in place by the year 2017.

#### 6.0 RECOMMENDATION

**6.1** The Committee is requested to accept the report for information.

# ATODIAD A/APPENDIX A

# FFYRDD SYDD ANGEN AILWYNEBU AG AROSOD YN ARDAL DWYFOR 2012/13 / ROADS THAT REQUIRE RESURFACING AND OVERLAYING IN THE DWYFOR AREA 2012/13

Dosbarth	Lleoliad/Location
Ffordd/	
<b>Road Class</b>	
3	Carreg – Methlem, Rhydlios
3	Methlem – Capel Rhydlios Chapel
3	Meillionydd Fawr – Rhiw
3	Berth Aur, Llangwnnadl
3	Cefn Amlwch, Tudweiliog
3	Lôn Tŷ Isaf Road, Tudweiliog
3	Nantrhiwdar – Cwrt, Mynytho
3	Hendy, Sarn – Rhianfa, Dinas
3	Cefn Leisiog – Bont Sant Glorian
3	Lôn Fudur, Dinas
3	Lôn Ddrain, Nanhoron
3	Llanengan – Abersoch
3	Lôn Cytiau, Mynytho
3	Lôn Pin – Cefn Llanfair
3	Cefn Llanfair – 30
3	Lôn Eglwys Newydd Road, Aberdaron
3	Lôn Uwchmynydd Road, Aberdaron
3	Lôn Sarn Bach Road, Abersoch
3	Gefail Bont, Llannor
3	Bryn Celyn Isa – Cefn Isa
3	Llannor – Denio
3	Llwyndyrys
3	Lôn Las, Morfa Nefyn
3	Abererch
3	Lôn Isaf, Llithfaen
3	Braich Saint
3	Ten Mile Walk (rhan/section)
3	Croeshigol, Trefor
3	Pant Glas – Pont Ynys Pwtan Bridge
3	30 – Cilcoed
3	Foel Isaf – Cae Du, Llanllyfni
3	Tai Lleuar – Felin y Cim
3	30 – 30 Morfa Bychan
3	Garej Glanaber – Ffordd yr Eglwys/Church Road, Borthygest
3	Tai'n Lôn
3	Lôn Ganol, Clynnog
UC	Lôn Ysgol/School Road, Tudweiliog
UC	Ffordd y Faenor/Manor Avenue, Pwllheli
UC	Mitre Side, Pwllheli
UC	Bro Cymerau – West End, Pwllheli

TIC	m 1
UC	Talcymerau, Pwllheli
UC	Troed yr Allt, Pwllheli
UC	Ffordd Harbwr, Abersoch
UC	Stad Pengwern Estate – Hen Bost, Efailnewydd
UC	Tŷ Lôn, Rhydlios
UC	Porthychain, Llangwnnadl
UC	Trefaes Fawr, Botwnnog
UC	Rhos Goch, Llaniestyn
UC	Tregarnedd, Dinas
UC	Tyddyn Singrig, Bodgadla
UC	Fron Heulog, Cilan
UC	Bryn Celyn Isaf, Cilan
UC	Cyff Nant Pig Jct – Erw, Cilan
UC	Tŷ Isaf, Rhydyclafdy
UC	Nefyn – Pemprys
UC	Plas Pistyll
UC	Coed Frochas, Boduan
UC	Gwyniasa, Llithfaen
UC	Lôn Plas, Llithfaen
UC	Mynydd Carnguwch
UC	Hafod, Llithfaen
UC	Traeth, Abererch
UC	Cwm Coryn, Llanaelhaearn
UC	Hen Ffordd Bont Fechan
UC	Ymwlch – Gell
UC	Arfonia Terrace, Criccieth
UC	Ty'n Rhos, Criccieth
UC	Cae Rhys, Criccieth
UC	Rhes Ffynnon/Hollywell Terrace, Criccieth
UC	Lôn Geraint Road
UC	Lôn Merllyn
UC	Min y Traeth/Beach Bank
UC	Rhes Mona Terrace
UC	Ffordd Penpaled Road
UC	Cambrian Terrace
UC	Wellington – Tangrisiau
UC	Lôn Parc/Queen's Road
UC	Lôn Dinas/Stanley Road
UC	Rhos Bach
UC	Llwyn Brith
UC	Y Fron, Nefyn
UC	Cae Rhug, Nefyn
UC	Cefn Tŵr – Penbryn, Nefyn
UC	Rhodfa'r Môr/Marine Terrace, Nefyn
UC	Cefn Tŵr, Nefyn
UC	Glan Pwll, Nefyn
UC	Stad Penrorsedd Estate, Morfa Nefyn
UC	Lôn Cefn Morfa (cylch Talafon loop), Morfa Nefyn
	Lon Com wiona (Cylon Talafon 100p), wiona Neryll

TIC	TA G . M. C.Y. C
UC	Lôn Cytun, Morfa Nefyn
UC	Stad Terfyn, Morfa Nefyn
UC	Stad Terfynfa, Morfa Nefyn
UC	Stad Gerddi, Edern
UC	Stad Uwch Afon, Llannor
UC	Stad Ger y Bont
UC	Lôn Ty'r Gof, Y Ffôr
UC	Stad Tre Garn, Pencaenewydd
UC	Stad Bro Siôn Wyn, Chwilog
UC	Stad Troed y Garn, Llangybi
UC	Stad Maes Eifion, Rhoslan
UC	Lôn Elim, Llithfaen
UC	Stad Awelfryn, Llithfaen
UC	Stad Maes Glas, Llanaelhaearn
UC	Penrhiw, Capel Uchaf
UC	Lôn Hafod Garregog, Nantmor
UC	Lôn Tyddyn Mawr
UC	Lôn Cwm (rhan/section)
UC	Stryd Wesla/Chapel St – Heol Newydd/New St, Porthmadog
UC	Stad Pensyflog Estate, Porthmadog
UC	Maes Gwydir, Trefor
UC	Pen Cei/Cornhill, Porthmadog
UC	Ffordd Osmond Lane, Porthmadog
UC	Eifl Road, Trefor
UC	Cilfan Penamser Layby
UC	Cilfan Tyddyn Drain Layby, Trefor
UC	Cilfan Hafod y Borth Layby
UC	Cefn Stryd Fawr/Back of High Street, Porthmadog
UC	Prenteg – Llyn Du, Cwmystradllyn
UC	Hafod Ruffydd, Beddgelert
UC	Craig Madog, Tremadog
UC	Awel y Grug, Porthmadog
UC	Hen Lôn Ysgol, Trefor
UC	Heol Madog Street, Porthmadog
UC	Heol y Wyddfa/Snowdon Street, Porthmadog
UC	Cwm Caeth, Nantmor
UC	Lôn Carneddi, Nantmor
UC	Maes Hyfryd, Garndolbenmaen
UC	Lôn Ty'n Llan, Penmorfa
UC	Bro Nantcyll, Pant Glas
	210 Transcopin, Faire Orac

# ATODIAD B/APPENDIX B

# ARWISGO FFYRDD SIROL DWYFOR 2012/13 / SURFACE DRESSING COUNTY ROADS 2012/13

Dosbarth	Lleoliad/Location		
Ffordd/ Road Class			
A497	Poduon Cylahdra Drynayman Daundahaut		
A497	Boduan – Cylchdro Bryncynan Roundabout  Cylchdro Bryncynan Roundabout – Nefyn		
A497			
	Ffordd Osgoi Llanystumdwy By-Pass		
A499	Pontllyfni – Coed Hywel		
A4085	Rhiwtir, Nantmor		
B4417	Garej Tegfan Garage – Congl Cae		
B4354	Tŷ Du Uchaf – Bryn Bychan, Pentreuchaf		
3	Cylch Trefor Loop		
3	Morfa Bychan (30mya/mph Ochr Porthmadog Side – Spar)		
3	Morfa Bychan (30mya/mph Ochr Treflys Side – Spar)		
3	Cae Du, Abersoch – 30mya/mph		
3	30mya/mph Abersoch – Creigir Goch, Llanengan		
3	Mynytho – Coed y Fron		
3	Groesffordd Ceidio Crossroads – Mochras, Nantgledrydd		
3	Cylch Penllech Loop (Groesffordd Llangwnnadl Crossroads -		
	Cyffordd Plas ym Mhenllech Junction)		
3	Cyffordd B4417 Junction – Tyddyn Mawr, Tudweiliog		
3	Cylchdro Afonwen Roundabout – Chwilog		
3	Felin Plas Du – Groesffordd Tŷ Newydd Crossroads		
3	Pont y Felin – Pencaenewydd		
3	Lôn Tai Forgan Road, Llannor		
3	Lôn Las, Morfa Nefyn		
3	Lôn Mynydd, Llanbedrog		
3	Lôn Chwarel, Llanbedrog		
3	Lôn Tir Topyn, Rhydlios		
3	Cil yr Adwy, Rhydlios		
3	Lôn Ysgol, Tudweiliog		
3	Lôn Wellington, Mynytho		
3	Lôn Garreg, Mynytho		
3	Lôn Tir Dafydd, Bryncroes		
3	Lôn Cae Glas, Edern		
3	Lôn Groes, Morfa Nefyn		
3	Lôn Bodlondeb, Morfa Nefyn		
3	Cylch Morfa Nefyn Loop		
3	Tan y Bryn, Morfa Nefyn		
3	Tŷ Du – Groesffordd Pentreuchaf Crossroads		
3	Cefn y Gader, Morfa Bychan		
3	Nantmor – Bwlchgwernog		
3	Lôn Tyddyn Mawr, Llanaelhaearn		

# ATODIAD C/APPENDIX C

# RHAGLEN MÂN WEITHIAU FFYRDD SIROL 2012/13 / COUNTY ROAD MINOR WORKS PROGRAMME 2012/13

	MINOR WORKS PROGRAMME 2012/13		
Dosbarth Ffordd	Lleoliad/Location	Math o Waith / Type of	
/Road Class		Work	
A499	Garej Dolwar Garage, Y Ffôr	Draeniad/Drainage	
A498	Glan y Llyn, Nantgwynant	Draeniad/Drainage	
A497	Maes Rhyg, Nefyn	Draeniad/Drainage	
A497	Yr Odyn, Abererch	Draeniad/Drainage	
A497	Cross Keys, Pentrefelin	Draeniad/Drainage	
B4354	Tan y Coed, Rhosfawr	Draeniad/Drainage	
B4354	Mona Tractors, Chwilog	Draeniad/Drainage	
3	Tyddyn Felin, Llecheiddior	Draeniad/Drainage	
3	Berth Aur, Llangwnnadl	Draeniad/Drainage	
U/C	Cwm Pennant	Draeniad/Drainage	
U/C	Gladstone House, Aberdaron	Draeniad/Drainage	
U/C	Llys Olwen, Ty'n Pwll, Morfa Nefyn	Draeniad/Drainage	
U/C	Tan Bryn, Sarn Bach	Draeniad/Drainage	
U/C	Barn Cottage, Pentrefelin	Draeniad/Drainage	
U/C	Pen Ystymllyn, Pentreflin	Draeniad/Drainage	
U/C	Ty'r Lôn, Cilan	Draeniad/Drainage	
U/C	Trefaes Bach, Botwnnog	Draeniad/Drainage	
U/C	Stad Bryn Mair Estate, Bryncroes	Draeniad/Drainage	
U/C	Methlem, Rhydlios	Draeniad/Drainage	
U/C	Gorsaf Dân/Fire Station, Pwllheli	Draeniad a Cerbio/Drainage	
		and Kerbing	
A487	Cilfan/Lay by Penmorfa	Cerbio/Kerbing	
A499	Penlon Caernarfon Road, Pwllheli	Cerbio/Kerbing	
A4085	Warws, Beddgelert	Gwaith Cerbio a Troedffordd	
		/Kerb Repair and Footway	
B4413	Nanhoron	Cerbio/Kerbing	
U/C	Lôn Nant, Llithfaen	Cerbio/Kerbing	
U/C	Oerfa, Llangwnnadl	Cerbio/Kerbing	
U/C	Treddafydd, Lon Nant, Llithfaen	New Kerbs/Cerbiau Newydd	
U/C	Gwesty'r Lion Hotel, Criccieth	New Kerbs/Cerbiau Newydd	
2	Caernarfon Road, Criccieth	Troedffordd/Footway	
3	Cyffordd yr Ysgol – Hen Swyddfa	Troedffordd/Footway	
	Bost/School Jct – Old Post Office,		
	Garndolbenmaen	m 100 11 7	
U/C	Capel Horeb – Cae'r Ffynnon,	Troedffordd/Footway	
11/0	Garndolbenmaen	TE 100 11/E	
U/C	Dolwar, Y Ffôr	Troedffordd/Footway	
U/C	Ffordd Mela, Pwllheli	Troedffordd/Footway	
U/C	Ffordd Caerdydd/Cardiff Road, Pwllheli	Troedffordd/Footway	
U/C	Gorseddfa, Criccieth	Troedffordd/Footway	
U/C	Tan y Gaer, Abersoch	Troedffordd/Footway	

# ATODIAD CH/APPENDIX CH

RHAGLEN AILWYNEBU BWRIADEDIG - CYNLLUN BENTHYCIAD LLYWODRAETH CYMRU, ARDAL DWYFOR 2012/13 / PROPOSED RESURFACING PROGRAMME - WELSH GOVERNMENT LOCAL BORROWING INITIATIVE, DWYFOR AREA 2012/13

Dosbarth	Lleoliad/Location	
Ffordd/		
<b>Road Class</b>		
A497*	Y Maes, Pwllheli	
A497*	Y Traeth a Lôn Dywod/New Street and Sand Street, Pwllheli	
A497*	Ffordd Abererch, Pwllheli	
A497*	Yr Odyn, Abererch	
A497	Cae Llo Brith – Lodge Ynysgain, Llanystumdwy	
A497	40mya/mph Criccieth – 40mya/mph Pentrefelin	
A497	Ffordd Penamser, Porthmadog	
A497	Pentref Efailnewydd	
A499	Ffordd Caernarfon, Pwllheli	
A499	Llanaelhaearn (fel rhan o'r cynllun gwelliant/part of improvement	
	scheme)	
A499*	Glynllifon, Llanbedrog (fel rhan o gynllun gwelliant bwriadedig/part	
	of proposed improvement scheme)	
A498	Tro Portreuddyn – 30mya/mph Prenteg	
A498	Pont Aberglaslyn – Pont Bryn y Felin	
A498	Pont Bryn y Felin – 30mya/mph Beddgelert	
B4415	30mya/mph – cyffordd A497 Junction Efailnewydd	
B4417	Stryd Dewi Sant, Nefyn	
B4417	Pengroeslon – Garej Tegfan Garage	
B4413	Rhoshirwaun – Fferm Tocia	
B4413	Sarn Mellteyrn – Botwnnog	
B4413	Cyffordd A499 Junction – Fferyllfa/Chemist, Llanbedrog	

<sup>\* (</sup>dibynnol ar gronfa/subject to funds)

#### ATODIAD D/APPENDIX D

#### RHAGLEN WAITH GOLEUO DWYFOR 2012/13 - LIGHTING PROGRAMME **DWYFOR AREA 2012/13** LLEOLIAD/LOCATION NATUR Y **GWAITH/NATURE WORKS** Dad-dryncio'r A487/Detrunking of A487 Porthmadog A487 Glandwyfach Adnewyddu Lamp/Renew Lantern Adnewyddu Lamp/Renew Lantern Abersoch Morfa Garreg, Pwllheli Adnewyddu Lamp/Renew Lantern Adnewyddu Lamp/Renew Lantern Cei'r Gogledd/North Quay, Pwllheli Adnewyddu Colofn/Renew Column Borth y Gest Lon Ceredigion, Pwllheli Adnewyddu Colofn/Renew Column Gwaen Ganol, Criccieth Adnewyddu Colofn/Renew Column Lon Elim, Llithfaen Adnewyddu Colofn/Renew Column Criccieth Adnewyddu Colofn/Renew Column Adnewyddu Colofn/Renew Column Trefor Gorsaf Bws Pwllheli Bus Station Adnewyddu Unedau/Renew Units Ty'n Rhos, Chwilog Adnewyddu Unedau/Renew Units Pwllheli, Criccieth, Porthmadog Peintio/Painting Profi Fframwaith/Structural Testing Amrywiol gan gynnwys/Various to include: Borthygest, Criccieth, Llanaelhaearn, Porthmadog, Pwllheli, Abersoch Ardal Dwyfor Area Adnewyddu Arwyddion Lampau Bolardau/Renew Sign Lanterns and Bollard

Replacements