

Technical note

Project:	Newgale WelTAG Stage 1	To:	Neil Carpenter
Subject:	Cultural Heritage	From:	
Date:	10 Jan 2017	cc:	

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N.B. The text within this Technical Note will be inputted into a multi-discipline WelTAG assessment prior to issue to the client and will be subject to further change/review.

1.1. Heritage

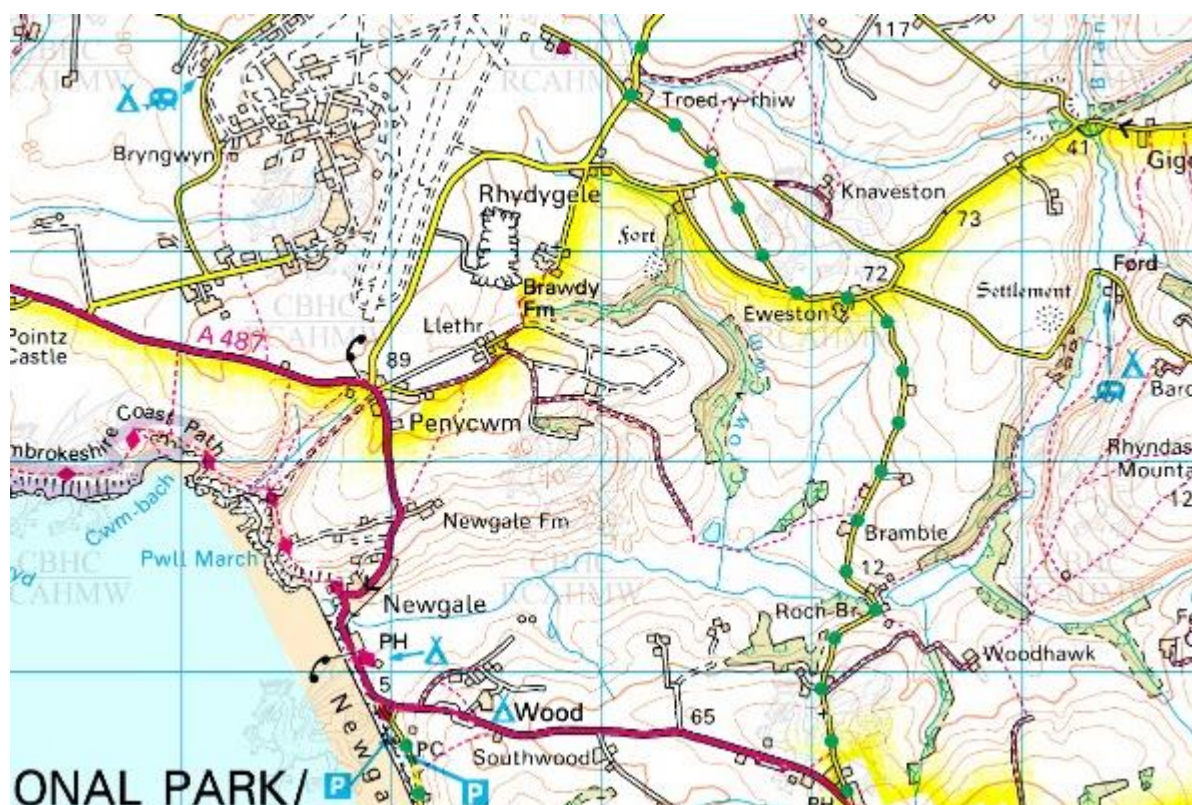
1.1.1. Existing Conditions

The landscape surrounding the current A487 at Newgale largely comprises of agricultural fields with small areas of woodland at Penycwm, Roch Bridge and Llethr, and a settlement pattern of small villages and farmsteads linked by rural roads. Newgale and Penycwm are the largest settlements in the wider study area. The proposed options largely run through pastoral agricultural land. Characteristic of the study area is the steep-sided, broad lowland valley which reaches the sea at Newgale Sands. The South Wales Coal Measures Formation dominates the study area with Cambrian mudstones and sandstones to the north and east.

1.1.2. Introduction

The study area is shown in Figure 2-1. For the purpose of this report the study area has been broadly defined by a 500m wide buffer extending outwards from each of the four alignment options for the possible road; that is 250m from either side of the proposed route alignments.

Figure Error! No text of specified style in document.-1 Study Area



1.1.3. Method

The Stage 1 assessment presented has been prepared in accordance with Welsh Transport Planning and Appraisal Guidance (WelTAG, 2008). A summary of the results and the significance of each options' (Options 3b, J, 7 and 11) impacts to heritage assets are summarised in the appraisal tables in Appendix A. These tables provide an early indication of any key heritage constraints and establishes the potential significance of impact on the historic environment from each option.

A corridor of 250m either side of each option has been assessed to gain an understanding of the known designated and non-designated heritage assets along and in the area surrounding the alignments. This also provides information to create an early understanding on the surrounding archaeological and historic context in which the options are located.

In accordance with WelTAG guidance (2008), heritage assets are taken to comprise:

- Buildings (singly or in groups) of architectural or historic importance;
- Areas, such as parks, gardens, other designed landscapes or public spaces, remnant historic landscapes, archaeological complexes and heritage coasts;
- Sites (e.g. ancient monuments, places with cultural or historical associations such as battlefields, preserved evidence of human effects on the landscape, etc.);
- Individual artefacts that form part of the overall archaeological resource; and
- The sense of identity and place which the combination of these features provides.

Following the above guidance, the designated and non-designated heritage assets recorded by the Archaeological Trusts of Wales and in particular Dyfed Archaeological Trust are set out below and are used in this report to assess the importance of assets, likely impacts, effects from these impacts on their quality and a summary of the significance of these impacts on the historic environment.

- Scheduled Monuments
- Listed Buildings
- Parks and Gardens of Special Historic Interest in Wales
- Conservation Areas
- World Heritage Sites

Planning Policy

A range of statutory legislation and non-statutory planning guidance provides the background for the protection of the historic environment within the planning system. Wales has specific policies separate from those operating in England and other parts of the UK.

The National Planning Policy Framework, introduced in England in 2012, provides a very good summary of the current approaches to the treatment of the historic environment in relation to development, and although not applied in Wales, has influenced policy in Wales.

National and Regional legislation and guidance that is relevant to cultural heritage for this area comprise:

- Ancient Monuments and Archaeological Areas Act 1979;
- Planning (Listed Buildings and Conservation Areas) Act 1990; (The Planning (Listed Buildings and Conservation Areas) (Wales) Regulations 2012 offer an interpretation of this latter Act in the Welsh context);
- Planning Policy Wales Edition 9 (November 2016);
- Welsh Office Circular 1/98: Planning and the Historic Environment: directions by the Secretary of State for Wales;
- Welsh Office Circular 60/96: Planning and the Historic Environment – Archaeology;
- Welsh Office Circular 61/96: Planning and the Historic Environment: Historic Buildings and Conservation Areas;

Guidance relating to the assessment of impact on historic landscapes is also contained in the Guide to Good Practice on Using the Register of Landscapes of Historic Interest in Wales in the Planning and Development Process, (Revised Edition 2007).

Local planning policies that are relevant to the consideration of cultural heritage comprise:

- The Pembrokeshire Local Development Plan (PLDP) adopted in February 2013.
- The Pembrokeshire Coast Local Development Plan (PCLDP) adopted in September 2010.

The PLDP is the primary planning document used in the determination of planning applications in Pembrokeshire. The PLDP policies concerning the historic environment include:

- Policy SP1 Sustainable Development
- Policy SP15 Rural Settlements
- Policy SP16 The Countryside
- Policy GN.1 General Development Policy
- Policy GN.2 Sustainable Design
- Policy GN.38 Protection and Enhancement of the Historic Environment

The four options are located within the Pembrokeshire Coast National Park, therefore the following policies in the PCLDP relating to the historic environment are key considerations:

- Policy 1 National Park Purposes and Duty
- Policy 8 Special Qualities
- Policy 13 Historic Landscapes Parks and Gardens
- Policy 14 Protection of Buildings of Local Importance
- Policy 15 Conservation of Pembrokeshire Coast National Park
- Policy 29 Sustainable Design

Impact Significance Description

Following WeITAG guidance (2008), the results of the assessment of the impact significance is summarised using a seven-point scale, as follows:

- Large beneficial (+3);
- Moderate beneficial (+2);
- Slight beneficial (+1);
- Neutral (0);
- Slight adverse (-1);
- Moderate adverse (-2); and
- Large adverse (-3).

Heritage Sources

The assessment of impacts on heritage assets has been undertaken through the analysis of data obtained from Dyfed Archaeological Trust Historic Environment Record (DATHER), as well as its online database Archwilio. The Royal Commission on the Ancient and Historical Monuments of Wales (RCAHMW) online portal Coflein was also consulted. Where assets are recorded on the DATHER and Coflein both of their individual reference numbers for an asset have been noted, but only one entry per asset has been created on the tables (see Appendix A).

1.1.4. Impact

The heritage asset data presented in the assessment tables in Appendix A has been directly sourced from the relevant databases, such as the DATHER, Coflein and CADW, and no site visits have been undertaken to assess the current conditions of heritage assets discussed below.

Alignment Option 3b

The proposed route departs from the existing alignment of the A487 directly east of the Welsh Road junction. The route runs through the Newgale Camping Site in a northwest orientation before re-joining the existing A487 directly north of the Newgale Bridge. Within the study area of Option 3b there are:

- Grade II listed Limekiln at south end of Newgale Sands [CADW 19081/DAT59636];
- Post-medieval lime kiln [DAT23755];
- Post-medieval anti invasion defence site [Coflein 270735];
- Cottages north of Newgale Bridge [Coflein 22423];
- Newgale Bridge [Coflein 24263];
- The remains of a submerged forest [DAT12991];

- Landing place [Coflein 544151];
- Post-medieval sand pit [DAT32624];
- St Caradoc's Chapel [DAT2799];
- Site of former post-medieval Bridge Inn [DAT23751];
- Post-medieval cottage (no trace remains) [DAT32636];
- Single arched stone post-medieval bridge [DAT15138];
- Modern tank trap [DAT33295];
- Bronze Age find spot [DAT14279];
- Archaeological remains associated with The Prince (wreck) [Coflein 273360];
- Archaeological remains associated with The Pride of Wales (wreck) [Coflein 273361];
- Archaeological remains associated with The Cossack (wreck) [Coflein 273361];
- Archaeological remains associated with The Blende (wreck) [Coflein272953]; and
- Post-medieval coal workings (site of) [DAT17964].

There are no Parks and Gardens of Special Historic Interest in Wales, Scheduled Monuments, Conservation Areas or World Heritage Sites within the study area.

Appendix A.1 provides a list of heritage assets present within the study area and the impact assessment scores relating to each asset.

Option 3b has the potential to affect the setting of the Limekiln, a Grade II listed building at the south end of Newgale Sands [CADW 19081/DAT59636] situated approximately 170m to the south of the proposed option. The remaining heritage assets with potential to be affected by this route option are largely archaeological remains associated with wrecks, archaeological sites or buildings of post-medieval date situated to the west of the proposed alignment. A number of these are sites of former assets of which no above ground evidence remains. The post-medieval bridge and cottages in Newgale [Coflein 24263, 22423 & DAT 32636] and a sand pit [DAT 32624] are at particular risk of being affected by Option 3b as construction impacts are likely to physically impact these asset. In the case of the sand pit [DAT 32624], the proposed alignment would lead to the loss of this asset, however, it is likely that the sand pit has already previously been destroyed due to the land currently being used as a campsite.

The impact on the remaining assets will be restricted to their setting, and as the setting will not greatly differ from the current conditions due to alignment option 3b only moving the existing A487 approximately 60m to the east, these are not anticipated to be of great adverse effect.

For the wreck sites along Newgale Sands [Coflein 272953, 273361, 273153 and 273360] it is likely that their setting will remain neutral, especially as they are indicative sites only and their exact locations are not confirmed at this stage.

Table 4-1

Option Description: Option 3b			
Heritage	<p>Grade II listed building of medium importance [CADW 19081/DAT59636].</p> <p>Non-designated bridge [Coflein 22423] and cottage [DAT32636] of low importance.</p> <p>16 Non-designated archaeological sites of low importance.</p>	<p>Potential to impact on setting of listed building – Slight Adverse.</p> <p>Potential direct physical impact on assets – Moderate Adverse.</p> <p>Potential to impact on setting of non-designated heritage assets – Slight Adverse.</p> <p>Potential direct physical impact on any surviving below ground remains – Slight Adverse.</p>	Slight Adverse Effect (-1)

Alignment Option J

This option departs from the A487 Wood Hill to the southeast of Wood Farm and extends through agricultural fields in a north-eastern direction. The proposed alignment crosses Brandy Brook and turns

westward through fields, passing directly north of Newgale Farm and re-joining the A487 to the south of Bay View Farmstead.

Within the study area of Option J there are:

- Bay View Farm Defended Enclosure Scheduled Monument [PE540/DAT2816/DAT3053];
- Medieval/post-medieval beacon [DAT2817];
- Medieval/post-medieval mansion [DAT11838];
- Post-medieval lodge [DAT17965];
- Bronze Age Standing Stone (site of) [DAT4619];
- Medieval manor house [Coflein 2825];
- Medieval settlement [DAT12351];
- Find spot of stone axe [DAT2811];
- Post-medieval chapel [DAT15091];
- Medieval quarry [DAT23750];
- Earthwork (undated) [Coflein 400077];
- Find spot of stone axe [DAT2813]; and
- Medieval manor house [DAT2825].

There are no Parks and Gardens of Special Historic Interest in Wales, Listed Buildings, Conservation Areas or World Heritage Sites within the study area. Appendix A.2 provides a list of heritage assets present within the study area and the impact assessment scores relating to each asset.

In comparison to Option 3b, Option J will not have a direct physical impact on any of the heritage assets, meaning that impacts will relate to setting only. However, potential embankment cuttings and the creation of a new road across agricultural fields has the potential to disturb as yet unrecorded archaeological remains of any period. The setting of the Scheduled Monument enclosure of Bay View Farm [PE540/DAT2816/DAT3053] will be adversely affected. Although it is already impacted by the A487 (to the west) and Erw Lon (to the north), a new road to its east will further damage the setting of this asset. The non-designated heritage assets which might experience setting impacts are largely located within the agricultural fields and already shielded by existing areas of woodland.

Table 4-2

Option Description: Option J			
Heritage	<p>Scheduled Monument Bay View Farm Defended Enclosure of high importance [PE540/DAT2816/DAT3053].</p> <p>12 non-designated sites of low importance,</p>	<p>Potential to impact on setting of Scheduled Monument – Moderate to Slight Adverse.</p> <p>Potential to impact on setting of non-designated heritage assets – Slight Adverse.</p> <p>Potential direct physical impact on any surviving below ground remains – Slight Adverse.</p>	<p>Moderate to Slight Adverse (-2)</p>

Alignment Option 7

Route Option 7 diverges from the A487 east of Southwood Farm and follows the alignment of an existing track northwards into agricultural fields. The alignment passes to the east of Gouts Farmstead, crossing Brandy Brook and continuing northwards. In a north-west orientation the proposed alignment passes directly south of a farm building before following the alignment of Erw Lon for a short section before passing to the north of Penycwm and meeting the A487. Within the study area of Option 7 there are:

- Bay View Farm Defended Enclosure Scheduled Monument [PE540/DAT2816/DAT3053];
- Grade II listed 19th century gentry house [CADW 14405/DAT2814];
- Grade II listed late 18th century or early 19th century stable block [CADW 14406/DAT59288];
- Medieval/post-medieval beacon [DAT2816];
- Brawdy 14th century water mill (site off) [DAT12477];

- Possible location of medieval mill [DAT17961];
- Bronze Age Standing Stone (site of) [DAT4619];
- Coal working site (part of) [DAT17960];
- Burnt mound (Bronze Age) [Coflein 414090];
- Medieval cemetery (site of, unproved) [DAT2868];
- Southwood Colliery (Coflein 17963);
- Bronze Age Standing Stone (site of) [DAT4621];
- Find spot of hollow-based arrowheads (Bronze Age) [DAT2812];
- Medieval chapel (site of) [DAT23750];
- Pen-y-Cwm post-medieval quarry [DAT23750];
- Post-medieval Blacksmith's workshop [DAT15037]; and
- Linear parchmarks indicating position of pipeline or Roman Road [Coflein 413847].

There are no Parks and Gardens of Special Historic Interest in Wales, Conservation Areas of World Heritage Sites within the study area.

Whilst Option 7 will not lead to physical impacts to any of the heritage assets listed in the assessment table (see Appendix A.3), this alignment will affect the setting of all the heritage assets. Similarly to Option J, this option also crosses multiple agricultural fields meaning that it will impact on buried unknown archaeological remains, especially where cuttings are being proposed. The setting of the Listed Buildings in Penycwm [CADW 14405/DAT2814 and CADW 14406/DAT59288] and the non-designated buildings associated with the Sunday School [DAT15091 and DAT10953] will be adversely affected by the introduction of the new road.

Table 4-3

Option Description: Option 7			
Appraisal Criteria	Assessment	Distribution	Significance
Heritage	<p>Scheduled Monument Bay View Farm Defended Enclosure of high importance [PE540/DAT2816/DAT3053].</p> <p>Grade II listed buildings in Penycwm [CADW 14405/DAT2814 and CADW 14406/DAT59288] of medium importance.</p> <p>14 non-designated heritage assets of low importance.</p>	<p>Potential to impact on setting of Scheduled Monument – Moderate to Slight Adverse.</p> <p>Potential to impact on setting of Listed Buildings – Slight Adverse.</p> <p>Potential to impact on setting of non-designated heritage assets – Slight Adverse.</p> <p>Potential direct physical impact on any surviving below ground remains – Slight Adverse.</p>	Moderate to Slight Adverse (-2)

Alignment Option 11

Option 11 is the longest of the four options and is proposed largely to follow the alignment of existing roads. Commencing in Roch Gate the alignment departs the A487 close to Roch Community School and follows Roch Hill through Roch Bridge where the road becomes Bramble Hill. Continuing northwards along Bramble Hill, Option 11 passes a number of farmsteads before heading westwards at Eweston Farm and then northwest towards a four-way junction where the proposed alignment heads west. The alignment heads south immediately east of Cawdor Barracks before re-joining the A487 in Penycwm. The existing roads to be used for this option are currently largely single track roads and would need upgrading to single lane carriageways. Within the study area there are:

- Brawdy Promontory Fort Scheduled Monuments [PE422];
- Bay View Farm Defended Enclosure [PE540/DAT2816/DAT3053];
- Penuel Baptist chapel of early 19th century foundation [DAT17966/Coflein 11031];

- Bramble Hill post-medieval cottage (site of) [DAT15830];
- Farmers Arms post-medieval Public House [DAT23764];
- Roch Mill post-medieval corn mill [DAT4637];
- Roch Mill [Coflein 40258];
- Brandy Brook Water Mill [DAT12475];
- Roch post-medieval road bridge over Brandy Brook [DAT17972];
- Site of former post-medieval cottage [DAT15889];
- Site of Old Mill post-medieval Gorse Mill [DAT17957];
- Water mill (site of) [DAT12476];
- Find spot of piece of pottery [DAT33675];
- Oweynston Eweston medieval shrunken village [DAT12353];
- Earthwork [Coflein 416861];
- Tyrmeibion Owen medieval settlement [DAT12345];
- Roch Community School [Coflein 413032];
- Silver Hill post-medieval mining feature [DAT25486];
- Post-medieval vicarage [DAT17956];
- Medieval settlement [DAT12352];
- Chapel (post-medieval) [DAT7853/Coflein 10955];
- Chapel cottages (post-medieval) [DAT7853/Coflein 21748];
- Mutton Hill, post-medieval mansion [DAT23753];
- Broadway post-medieval cottage (remains of) [DAT23754]; and
- Post-medieval chapel [DAT15091/Coflein 10953].

There are no Parks and Gardens of Special Historic Interest in Wales, Listed Buildings, Conservation Areas or World Heritage Sites within the study area.

Option 11 would have no physical impacts on any designated heritage assets but, due to embankments and construction impacts of upgrading the lanes, this option could partially affect or lead to the removal of the following non-designated heritage assets:

- Penuel Baptist chapel of early 19th century foundation [DAT17966/Coflein 11031];
- Roch Mill post-medieval corn mill [DAT4637];
- Farmers Arms post-medieval Public House [DAT23764];
- Site of former post-medieval cottage [DAT15889];
- Oweynston Eweston medieval shrunken village [DAT12353];
- Broadway post-medieval cottage (remains of) [DAT23754]; and
- Post-medieval chapel [DAT15091/Coflein 10953].

In comparison to the other alignment options, Option 11 would therefore physically affect the largest proportion of non-designated assets in comparison to any other routes. Additionally, Option 11 would also adversely impact the setting of the remaining heritage assets.

Table 4-4

Option Description: Option 11			
Appraisal Criteria	Assessment	Distribution	Significance
Heritage	<p>Scheduled Monument Bay View Farm Defended Enclosure of high importance [PE540/DAT2816/DAT3053] and Brawdy Promontory Fort Scheduled Monuments [PE422] of High importance.</p> <p>16 non-designated heritage assets of low importance (settings impact).</p> <p>7 non-designated heritage assets of low importance (physical impact).</p>	<p>Potential to impact on setting of Scheduled Monument – Moderate to Slight Adverse.</p> <p>Potential to impact on setting of non-designated heritage assets – Slight Adverse.</p> <p>Potential direct physical impact on any surviving below ground remains – Moderate to Slight Adverse.</p>	Moderate to Slight Adverse (-2)

		Potential direct physical impact on 7 non-designated heritage assets which could lead to demolition/partial destruction – Moderate Adverse.	
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1.1.5. Conclusions

This report constitutes a Stage 1 WelTAG appraisal for four options associated with the development of the proposed Newgale Road. In accordance with WelTAG, the appraisal is of a scale that is appropriate to the value of the scheme. Again, in accordance with WelTAG, the appraisal focuses on those areas which are of concern and areas that differentiate options.

This Stage 1 assessment of the A487 option packages has collated Historic Environment Record information supplied by the Dyfed Archaeological Trust (DATHER), alongside readily accessible online historic sources, including Archwilio (part of the DATHER), Coflein and CADW.

The Stage 1 WelTAG assessment found that various heritage assets are distributed throughout the various study areas, although the main concentrations are to be found near along Newgale Sands, Penycwm and Roch. These heritage assets largely relate to the medieval and post-medieval periods, although some assets, such as Scheduled Monuments at Bay View Farm [PE540] and the fort at Brawdy Farm [PE422] suggest earlier prehistoric activity. A Mesolithic submerged forest [DAT12991], and find spots ranging from the Neolithic to the Bronze Age would further indicate prehistoric activity in the area.

In terms of types of impacts, these have been divided into setting and physical impacts. Physical impacts would lead to partial or complete destruction of heritage assets. Direct visual impact or visual impact on the landscape in which an asset is located would usually constitute a settings impact.

There will be no physical impacts to any designated heritage assets, but Option 11 would lead to such impacts on at least seven non-designated heritage assets.

This Stage 1 assessment concluded that:

- Route Option 3b has the potential to affect the setting of a single Grade II Listed Building [CADW 19081/DAT59636] and a number of non-designated assets, which is likely to have an overall **slight adverse** effect on the historic environment if this option is taken forward.
- Route Option J has the potential to affect the setting of a single Scheduled Monument [PE540/DAT2816/DAT3053] and a number of non-designated assets, which is likely to have an overall **moderate to slight adverse effect** on the historic environment if this option is taken forward.
- Route Option 7 has the potential to affect the setting of a single Scheduled Monument [PE540/DAT2816/DAT3053] and 2 Grade II listed buildings [CADW 14405/DAT2814 and CADW 14406/DAT59288] and a number of non-designated assets, which is likely to have an overall **moderate to slight adverse** effect on the historic environment if this option is taken forward.
- Route Option 11 has the potential to affect the setting of 2 Scheduled Monuments [PE540/DAT2816/DAT3053 and PE422] and a number of non-designated assets. Additionally, this route will lead to physical impacts on at least 7 non-designated heritage assets. Combined, this is likely to have an overall **moderate to slight adverse** effect on the historic environment if this option is taken forward.

In general, while it should be noted that none of the proposed four options would result in a direct impact on any designated heritage assets, there is the potential for currently unknown archaeological remains to be encountered during construction works and for non-designated assets to be affected.

It must also be noted that this assessment only considered heritage assets which are within a 500m study area and did not discuss assets which are close to the study area, but may still experience noise impacts due to a proposed alignment.

Taking into account the information known at this time, the early assessment tool has concluded that, out of the four options, Option J has the least overall adverse range of effects on individual heritage assets within its study area.

1.1.6. References

Archwillo: http://www.cofiadurcahcymru.org.uk/arch/dyfed/english/dyfed_interface.html. Accessed 5th January 2017

Dyfed Archaeological Trust: <http://www.dyfedarchaeology.org.uk/> Accessed 5th January 2017

The Welsh Assembly Government, 2008. Welsh Transport Planning and Appraisal Guidance.

RCHAMW Coflein online portal: <http://www.coflein.gov.uk> Accessed 5th January 2017 Appendices

Appendix A. WeITAG Heritage Assessment Tables

A.1. Option 3b

Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Listed Building	CADW 19081/ DAT59636	Grade II listed Limekiln at south end of Newgale Sands. Early 19th century coastal lime kiln built into bank. Well preserved lime kiln of regional character and important asset relating to coastal lime trade. 170m south of the proposed alignment and setting will alter slightly with move of alignment further east in comparison to existing road. Setting impact only.	SM 85060 21763	Medium	Minor Adverse	Slight Adverse
Non-designated	DAT23755	Post-medieval lime kiln. Stone built. Pot now infilled. Although restored some of the repointing is unsympathetic.	SM 85060 21770	Low	No Change	Neutral
Non-designated	Coflein 270735	Post-medieval anti invasion defence site. Line of eighteen 5 foot square, corrugated, shuttered, reinforced cubes. Setting impact only.	SM 84720 22380	Low	Minor Adverse	Slight Adverse
Non-designated	Coflein 22423	Cottages north of Newgale Bridge (post-medieval). At west end of proposed alignment. Would experience physical impact.	SM 84780 22310	Low	Large Adverse	Moderate Adverse

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Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	Coflein 24263	Newgale Bridge (post-medieval). At west end of proposed alignment. Would experience physical impact.	SM 84760 22270	Low	Large Adverse	Moderate Adverse
Non-designated	DAT12991	The remains of a submerged forest are reported to be periodically exposed at this location.	SM 84754 22138	Low	No Change	Neutral
Non-designated	Coflein 544151	Landing place, Bridge Inn, Newgale.	SM 84717 22148	Low	No Change	Neutral
Non-designated	DAT32624	Post-medieval sand pit marked on first edition OS map but not visible now. Area of land is used for campsite. Setting impact only.	SM 84965 21911	Low	Minor Adverse	Slight Adverse
Non-designated	DAT2799	St Caradoc's Chapel (site of). No trace of site remains and is now used as a camp site.	SM 84757 22093	Low	No Change	Neutral
Non-designated	DAT23751	The site of the former post-medieval Bridge Inn is now the Duke of Edinburgh Public House.	SM 84743 22138	Low	No Change	Neutral
Non-designated	DAT32636	No trace of post-medieval cottage remains. This area is now in use as a campsite.	SM 84764 22315	Low	No Change	Neutral
Non-designated	DAT15138	A single arched stone post-medieval bridge with modern concrete footpath bridge attached.	SM 84707 22273	Low	No Change	Neutral
Non-designated	DAT33295	Modern Tank Trap, 12 cubes remain between cliff and the road.	SM 84677 22373	Low	No Change	Neutral
Non-designated	DAT14279	Bronze Age find spot. Find not specified.	SM 84657 22063	Low	No Change	Neutral
Non-designated	Coflein 273360	Archaeological remains associated with The Prince (wreck). Location not confirmed, but may be in the vicinity.	SM 84829 21722	Low	No change	Neutral

Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	Coflein 273153	Archaeological remains associated with The Pride of Wales. Location not confirmed, but may be in the vicinity.	SM 84483 22160	Low	No change	Neutral
Non-designated	Coflein 273361	Archaeological remains associated with The Cossack. Location not confirmed, but may be in the vicinity.	SM 84512 21858	Low	No Change	Neutral
Non-designated	Coflein 272953	Archaeological remains associated with The Blende. Location not confirmed, but may be in the vicinity.	SM 84681 21722	Low	No Change	Neutral
Non-designated	DAT17964	Post-medieval coal workings (area of).	SM 85100 21700	Low	No Change	Neutral

A.2. Option J

Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Scheduled Monument	DAT2816/DAT30 5320/PE540	Bay View Farm Defended Enclosure (Iron Age). Setting impact as introducing new road, but this asset is already impacted by two roads (A487 and Erw Lon).	SM 84945 22201	High	Minor Adverse to Moderate Adverse	Slight Adverse to Moderate Adverse

Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	DAT2817	Medieval/Post-medieval beacon associated with Scheduled Monument PE540 (DAT2816). Setting impact as introducing new road, but this asset is already impacted by two roads (A487 and Erw Lon).	SM 85150 23200	Low	Minor Adverse	Slight Adverse
Non-designated	DAT11838	Medieval/Post-medieval mansion. Setting impact due to new road.	SM 85400 22000	Low	Minor Adverse	Slight Adverse
Non-designated	DAT17965	A Post-Medieval lodge. Setting impact due to new road.	SM 85500 21750	Low	Minor Adverse	Slight Adverse
Non-designated	DAT4619	Bronze Age Standing Stone no longer in existence. Setting impact only.	SM 86290 22820	Low	Minor Adverse	Slight Adverse
Non-designated	Coflein 2825	Medieval Manor House. Setting impact only.	SM 85220 22800	Low	Minor Adverse	Slight Adverse
Non-designated	DAT12351	Medieval Settlement. Setting impact only.	SM 85210 22750	Low	Minor Adverse	Slight Adverse
Non-designated	Coflein 400077	Earthwork (undated). A rectilinear arrangement of banks conforms to field boundaries. Setting impact only.	SM 85180 22910	Low	Minor Adverse	Slight Adverse

Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	DAT2811	Findspot of stone axe, no details of size or form. Setting impact only.	SM 85130 22740	Low	Minor Adverse	Slight Adverse
Non-designated	DAT15091	Post-medieval chapel (Pen-Y-CWM Sunday School).	SM 84920 23420	Low	No Change	Neutral
Non-designated	DAT23750	Post-medieval quarry.	SM 84600 23270	Low	No Change	Neutral
Non-designated	DAT2813	Find spot (Bronze Age) of two hollow arrowheads, one mitre shaped and one pointed oval from Llethr Farm, Brawdy.	SM 84957 22993	Low	No Change	Neutral
Non-designated	DAT2825	Medieval manor house. Setting impact only.	SM 85220 22800	Low	Minor Adverse	Slight Adverse

A.3. Option 7

Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Scheduled Monument	DAT2816/DAT30 5320/PE540	Bay View Farm Defended Enclosure (Iron Age). Setting impact only.	SM 84945 22201	High	Minor Adverse	Slight Adverse
Listed Building	14405/DAT2814	Grade II listed C19 gentry house including earlier 18 th works. Setting impact only.	SM 85406 23538	Medium	Minor Adverse	Slight Adverse

Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Listed Building	14406/DAT5928 8	Grade II listed late C18 or early C19 stable block. Setting impact only.	SM 85429 23580	Medium	Minor Adverse	Slight Adverse
Non-designated	DAT2817	Medieval/Post-medieval beacon associated with Scheduled Monument PE540 (DAT2816). Setting impact only.	SM 85150 23200	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 12477	Brawdy, site of a water mill in the 14 th century, exact location uncertain, possibly same site as post-medieval corn mill. Setting impact only. Some screening provided by woodland.	SM 86500 22600	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 17961	No structural remains. Possibly location of medieval mill of same name, but definite site of late 18 th to 19 th century mill. Setting impact only. Some screening provided by woodland.	SM 86460 22650	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 4619	Bronze Age Standing Stone (site of). Setting impact only.	SM 86290 22820	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 17960	Part of a coal working site in vicinity of Dolwgm. 160m shaft located along this line from south-western end. Setting impact. Some screening provided by woodland.	SM 86495 22956	Low	Minor Adverse	Slight Adverse

Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	Coflein 414090	Burnt mound south of Brawdy Castle (Bronze Age). Setting impact only.	SM 86485 22956	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 2868	Unproved site of medieval cemetery south of Rhoslanog farm house. Setting impact only.	SM 86190 23190	Low	Minor Adverse	Slight Adverse
Non-designated	Coflein 17963	An area of coal workings called Southwood Colliery. Colliery is covered by scrubby woodland and overgrowth and surviving evidence can only be seen due to depressions in the grounds. Setting impact only.	SM 86540 22030	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 4621	Bronze Age standing stone may have been located here. No remains. Setting already impacted by road, but proposed alignment would create further setting impact.	SM 85450 23420	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 2812	Findspot of two hollow-based arrowheads (Bronze Age).	SM 8400 22000	Low	No Change	Neutral
Non-designated	DAT 15091	Site of Post Medieval chapel. Setting impact only.	SM 84922 3420	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 23750	Pen-y-Cwm Post-Medieval Quarry. Setting impact only.	SM 84700 23270	Low	Minor Adverse	Slight Adverse

Type	Asset ID CADW/DATHER Coflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	DAT 15037	Post Medieval Blacksmiths Workshop. Alignment would be within 20-30m of asset.	SM 84540 23450	Low	Minor Adverse	Slight Adverse
Non-designated	Coflein 413847	Linear parchmarks in corps indicate the position of a pipeline or Roman Road. Setting impact only.	SM 85647 23581	Low	Minor Adverse	Slight Adverse

A.4. Option 11

Type	Asset ID CADW/DATHE RCoflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Scheduled Monument	CADW PE422	Brawdy Promontory Fort. Setting impact only.	186273 223966	High	Minor Adverse	Slight Adverse
Scheduled Monument	DAT2816/DAT3 05320/PE540	Bay View Farm Defended Enclosure. Setting impact only.	185157 223209	High	Minor Adverse	Slight Adverse
Non-designated	DAT 17966/ Coflein 11031	Penueel Baptist chapel of early 19 th century foundation. Embankment cuttings/construction zone would destroy asset or partially alter it.	SM 87100 21820	Low	Large Adverse	Moderate Adverse

Type	Asset ID CADW/DATHE RCoflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	DAT 15830	Site of Bramble Hill post-medieval cottage (no traces remain). Setting impact only.	SM 87190 22380	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 23764	Farmers Arms Post-Medieval Public House. Embankment cuttings/construction zone would destroy asset or partially alter it.	SM 87290 22390	Low	Large Adverse	Moderate Adverse
Non-designated	DAT 4637	Roch Mill Post-Medieval corn mill. It may be the same building as a medieval mill. Embankment cuttings/construction zone would destroy asset or partially alter it.	SM 87360 22330	Low	Large Adverse	Moderate Adverse
Non-designated	Cofelin 40258	Roch Mill. Setting impact only.	SM 87378 22325	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 12475	Brandy Brook Water Mill medieval water mill. Setting impact only.	SM 87400 22300	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 17972	Roch Post-Medieval road bridge over Brandy Brook. Setting impact only.	SM 87400 22420	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 15889	Site of former Post-Medieval cottage. Embankment cuttings/construction zone would destroy asset or partially alter it.	SM 87430 23210	Low	Large Adverse	Moderate Adverse

Type	Asset ID CADW/DATHE RCoflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	DAT 17957	Site of Old Mill Post-Medieval Gorse Mill (shown as ruins on modern maps). Setting impact only.	SM 87270 23499	Low	Minor Adverse	Slight Adverse
Non-designated	DAT12476	Water mill (site of). Exact location now unknown. Setting impact only.	SM 87300 2350	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 33675	Findspot for a piece of pottery found in about 1986.	SM 8723	Low	No Change	Neutral
Non-designated	DAT 12353	Oweynston, Eweston Medieval shrunken village. Asset likely to lay within construction impact zone. Physical impact.	SM 87100 23800	Low	Large Adverse	Moderate Adverse
Non-designated	Coflein 416861	Earthworh (in relation to potential medieval settlement DAT 12353). Asset likely to lay within construction impact zone. Physical impact.	SM 87090 23770	Low	Large Adverse	Moderate Adverse
Non-designated	DAT 12345	Tyrmeibion Owen, Grindston (medieval settlement). Road widening could physically impact this asset.	SM 87000 24000	Low	Minor Adverse	Slight Adverse
Non-designated	Coflein 413032	Roch Community School. Setting impact only.	SM 86975 21584	Low	Minor Adverse	Slight Adverse

Type	Asset ID CADW/DATHE RCoflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	DAT 25486	Silver Hill Post-Medieval mining feature. Road widening could physically impact this asset.	SM 86400 24300	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 17956	Post-Medieval Vicarage. Road widening could physically impact this asset.	SM 86000 24470	Low	Minor Adverse	Slight Adverse
Non-designated	DAT12352	Medieval settlement. Road widening could physically impact this asset.	SM 85900 24400	Low	Minor Adverse	Slight Adverse
Non-designated	DAT7853/Coflein 10955	Chapel (post-medieval) Road widening could physically impact this asset.	SM 85940 24410	Low	Minor Adverse	Slight Adverse
Non-designated	DAT7854/Coflein 21748	Chapel cottages (post-medieval). Road widening could physically impact this asset.	SM 85940 24390	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 23753	Mutton Hill, Post-Medieval Mansion. Road widening could physically impact this asset.	SM 85240 24530	Low	Minor Adverse	Slight Adverse
Non-designated	DAT 23754	Broadway Post-Medieval Cottage (remains of). Embankment cuttings/construction zone would destroy asset or partially alter it.	SM 85075 23836	Low	Large Adverse	Moderate Adverse

Type	Asset ID CADW/DATHE RCoflein ID	Description	NGR	Value of Asset	Scale of Impact	Scale of Effect
Non-designated	DAT15091/Cofle in 10953	Post-Medieval Chapel. Could be impacted by proposed alignment (physical).	SM 84920 23420	Low	Large Adverse	Moderate Adverse