

Cog Road, Sully

Transport Assessment Addendum – Swanbridge Road

June 2018

N02-MR-TAA

Introduction

1. Vectos is retained by Taylor Wimpey to provide traffic and transportation advice in relation to an outline application for the proposed development of up to 190 residential dwellings on land located to the west of Swanbridge Road, Sully.
2. The site is part of that allocated in the Vale of Glamorgan Local Development Plan 2011-2026 for residential development of up to 500 houses (Housing Allocation MG2 (25)), of which 350 have received a resolution to grant under application 2013/01279.
3. This Transport Assessment Addendum technical note seeks to address matters previously raised by the Vale of Glamorgan Highway officers in relation to the accessibility and connectivity of the land identified to accommodate up to 190 dwellings as shown in Figure 1 below.

Figure 1 – Site Location in a Local Context



4. Following submission of the application (Application No 2016/01520/OUT), the highway authority had initially indicated that no highway objection was being raised based upon the proposed access arrangements from Cog Road and Swanbridge Road, the forecast impact on

the local highway network based upon an increase in the number of residential units over and above that referenced for the allocated site, and the junction assessment at Cog Road/South Road. However, as part of the ongoing post-submission discussions, the highway officer raised concerns over the lack of pedestrian and cycle infrastructure to the east of the site and thus poor connectivity to South Road and the local bus stops.

5. Email correspondence dated 15th January 2018 advised that the application must provide a suitable pedestrian and cycle link that accords with the principles and guidance of the Activer Travel (Wales) Act and acknowledges the details included on the Vale of Glamorgan Active Travel Route plans that were approved by the Vale of Glamorgan Council's cabinet on 6th November 2017.
6. The Vale of Glamorgan Active Travel Route plans are included in **Appendix A**.
7. As detailed in the council's correspondence (and highway authority comments), whilst pedestrian routes exist to the west of the site which provide convenient and direct links to neighbouring areas, the local shop, primary school and sports pitches on or south of South Road, the highway officer is of the view that the routes do not meet the Active Travel (Wales) Act standards for shared pedestrian and cycle facilities.
8. As such, the highway authority insisted that a shared route is provided along Swanbridge Road between the eastern access on Swanbridge Road to a point north of the disused railway bridge that passes over Swanbridge Road.
9. At a meeting held on 27th February 2018 with officers from the Vale of Glamorgan Council, pedestrian connectivity between the site and South Road was discussed in detail. It was agreed that the developer would investigate the ability to accommodate a shared route along the western edge of Swanbridge Road. Two options were discussed at the meeting as set out below:
 - Retain the existing hedgerow and provide a shared route on the western side of the hedgerow;
 - Remove and reposition the hedgerow to enable a shared route to be provided alongside the existing carriageway.

Proposed Shared Use Link on Swanbridge Road

10. The highway authority has confirmed that in order to accord with the approved Active Travel Route plan for Sully, a 3m wide shared cycleway/footway is to be provided between the proposed site access on Swanbridge Road and the disused railway bridge to the south of the site that passes over Swanbridge Road.
11. Drawing No W120604A/A/02 Rev B provides details of the proposed link. The 3m shared use path will include a 500mm margin strip and will be located on the western side of Swanbridge Road.
12. Drawing No W120604A/A/02 Rev B is included in **Appendix B**.

13. The Vale of Glamorgan Council have confirmed that the remaining section of the route between the disused railway line bridge and South Road will be developed and implemented with Sustrans. Whilst there are currently no formal pedestrian footways along the southern section of Swanbridge Road, the council have advised that sufficient width is available to accommodate a shared use path on the western side and maintain access to the existing properties. The current highway layout is shown in Figure 2 below.

Figure 2 – Existing arrangement on southern end of Swanbridge Road



14. The highway officer has confirmed that the overall carriageway width for this southern section is 9m (adopted highway width) which is sufficient to accommodate a 3m shared use path and a 6m wide two-way carriageway.

Summary

15. The previous planning application for residential development (up to 350 units) on land to the south of Cog Road, Sully was granted planning permission subject to planning conditions with access agreed by the Vale of Glamorgan Council.
16. Pedestrian connectivity and accessibility was agreed out the outline stage along with vehicular access details. There was no requirement to provide a pedestrian/cycle link along Swanbridge Road.
17. In considering this application (Application No 2016/01520/OUT), the Vale of Glamorgan raised concern that no formal pedestrian link was being provided to enable pedestrians from the development to gain access to South Road via Swanbridge Road.

18. Swanbridge Road in its current form offers no pedestrian footway either along the site frontage or to the south of the site from the disused railway line bridge to its junction with South Road.
19. Further to various email exchanges and a meeting held with the Vale of Glamorgan (Planning and Highway officers) on 27th February, 2018 it was agreed that a shared pedestrian and cycle link is to be provided along the western side of Swanbridge Road. The provision of a shared route accords with the Vale's aspirations to improve the local pedestrian and cycling environment as detailed in the Vale of Glamorgan Active Travel Route plans.
20. The 3.0m wide shared surface route will include a 0.5m margin strip and will run alongside the existing surfaced carriageway. In order to implement the shared route path, the existing hedgerow is to be relocated further west. The details of the shared cycleway/footway are included in drawing no. W120604A/A/02 Rev B.
21. This layout addresses the highway authorities concerns in relation to connectivity and accessibility to the east of the site. There are no other highway concerns that have been raised to date. Based upon the proposed shared route path and associated hedgerow relocation being acceptable, there is no reason to refuse this application on highway grounds.

APPENDIX A

Sully Pedestrian Network

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

Vale of Glamorgan Council
Civic Offices
Holton Road
Barry, CF63 4RU



Legend / Eglurhad

Active Travel Routes / Llwybrau Teithio Llesol

- Undefined path design / Dyluniad llwybr heb ei ddiffinio
- Footpath (away from road) / Llwybr troed (i ffwrdd o'r ffordd)
- Footway (alongside road) / Troedffordd (ochr yn ochr â ffordd)
- Cycle track (away from road) / Trac beicio (i ffwrdd 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 ffwrdd 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 ffwrdd 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
- Statement / Datganiad
- Line end points / Pwyntiau diwedd llinell
- Integrated Network Walking
- Integrated Network Shared Use
- Integrated Network Shared Use

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Sully Cycle Network

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

Vale of Glamorgan Council
Civic Offices
Holton Road
Barry, CF63 4RU



Legend / Eglurhad

Active Travel Routes / Llwybrau Teithio Llesol

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- Integrated Network Cycling
- Integrated Network Shared Use
- Integrated Network Shared Use

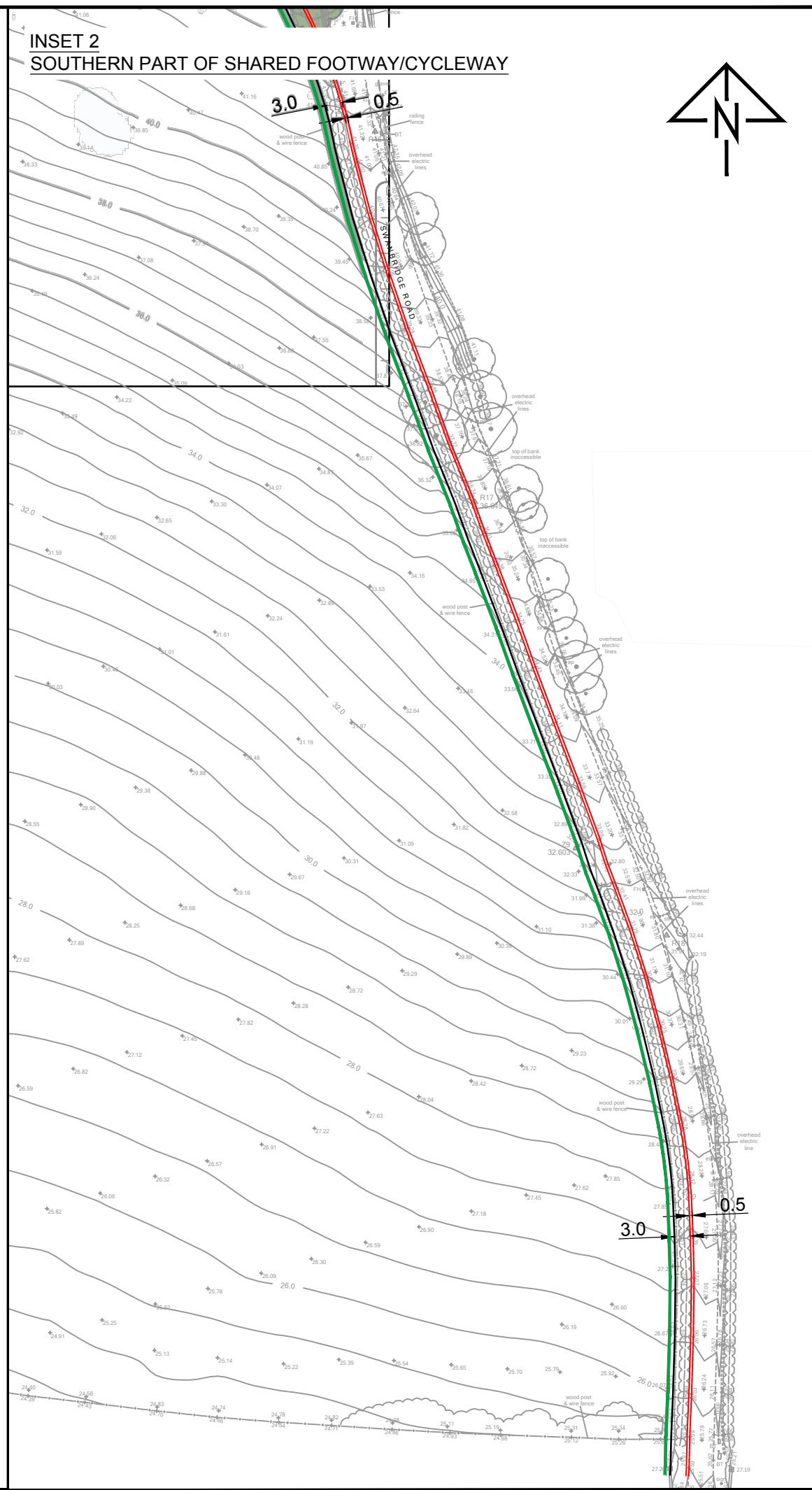
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INSET 1
NORTHERN PART OF SHARED FOOTWAY/CYCLEWAY




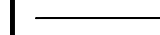


INSET 2
SOUTHERN PART OF SHARED FOOTWAY/CYCLEWAY



Notes:

1. This is not a construction drawing and is intended for illustrative purposes only.
2. Carriageway alignment through site is shown as indicative only.

Key

-  Shared Footway/Cycleway
-  White Line Between 500mm Strip And Footway/Cycleway
-  Relocated/Replanted Hedgerow
-  Internal Shared Footway/Cycleway To Be Confirmed

REV.	DETAILS	DRAWN	CHECKED	DATE
C	Amended to suit revised layout	BJB	MR	18.07.2018
B	Amended to suit client comments	BJB	MR	25.06.2018
A	Footway/Cycleway trimmed back to hedge on edge of site	CJM	BJB	08.03.2018

CLIENT:
Taylor Wimpey Homes

PROJECT:
Cog Road Sully

DRAWING TITLE:
Eastern Footway/Cycleway on Swanbridge Road - Phase 2

SCALES:
1:1000 at A3

DRAWN: CJM CHECKED: BJB DATE: 06.03.2018


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DRAWING NUMBER: **W120604A/A/02** REVISION: **C**

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For Continuation See Inset 2