

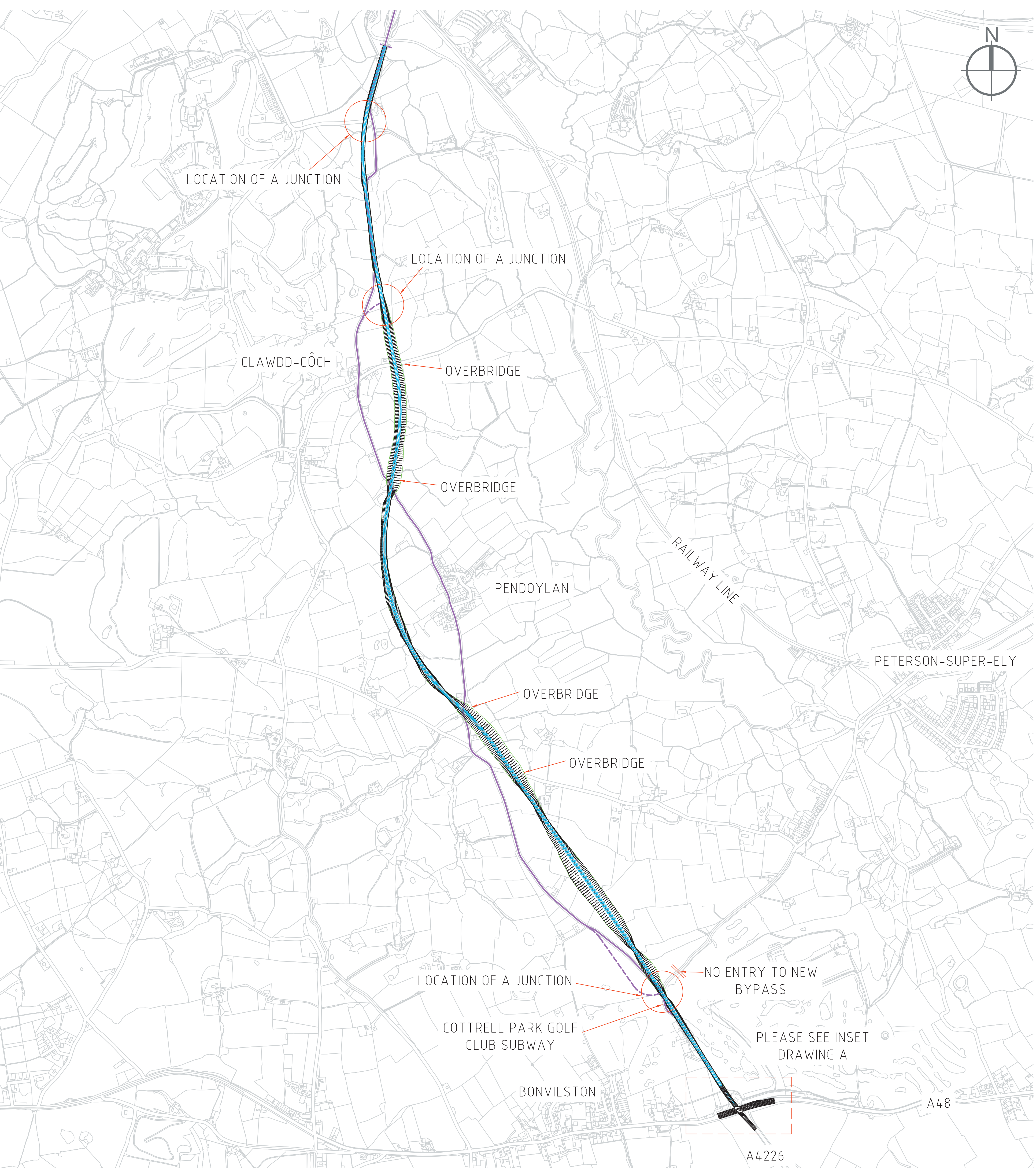
Highway Option 2: Western Route

Highway Option 2 is a western alignment that would connect from just south of Junction 34 of the M4 to the A48 at Sycamore Cross. The northern and southern sections would involve online improvements. The remainder of the route between these two junctions would be offline and bypass Pendoylan to the west of the village.

Key Features

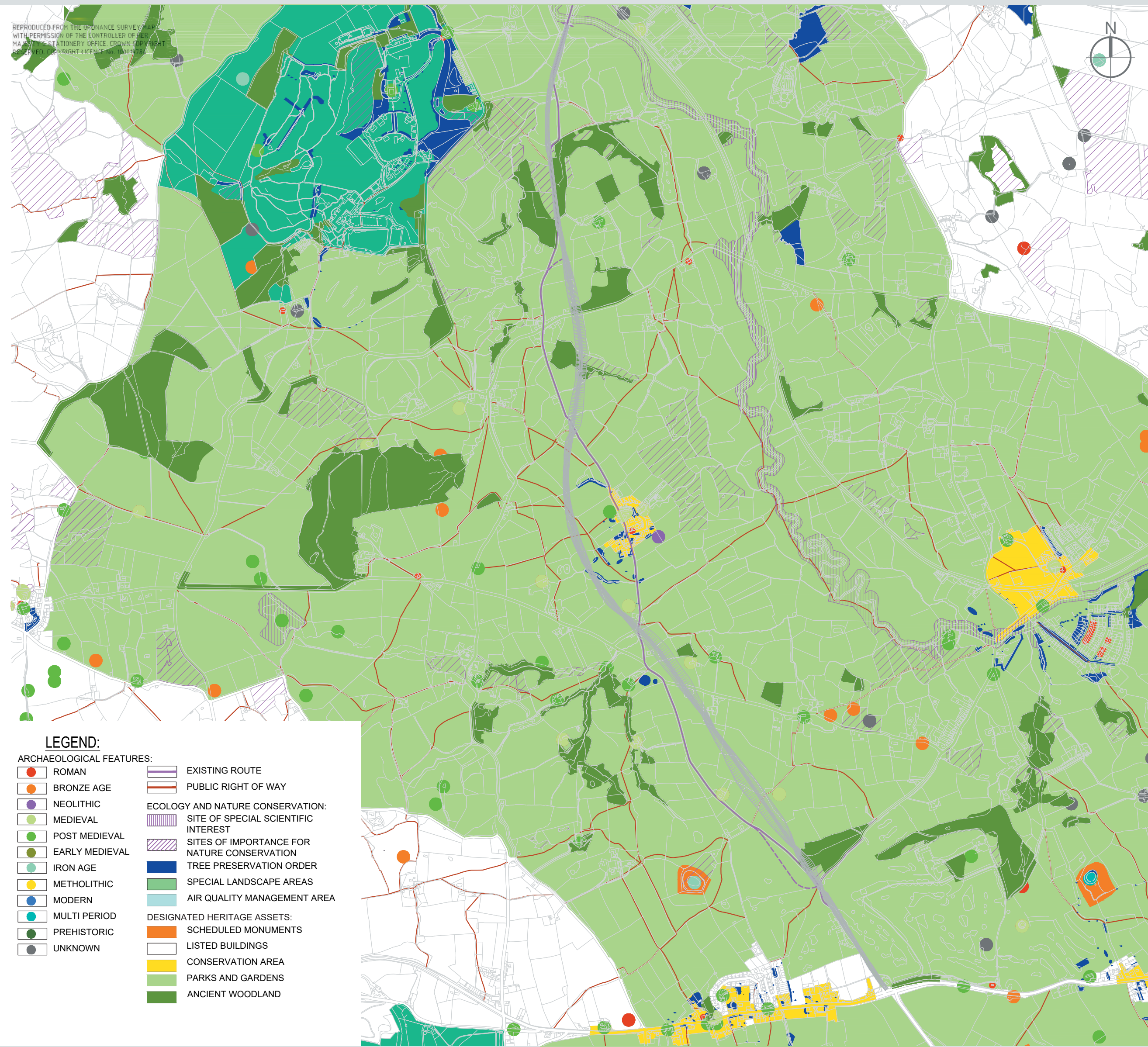
Length of New Bypass	5,691m
Cut and Fill Balance	Import of 97,000m³
Public Rights of Way Impacts	1 Bridges 3 Culvert
No. of Structures	4
Length of Floodplain Affected	100m
Total Cost	£56.666m
Maintenance Costs	Potentially less than eastern alignment, although if the embankment was used on the eastern alignment, there are more structures to maintain on the western alignment.

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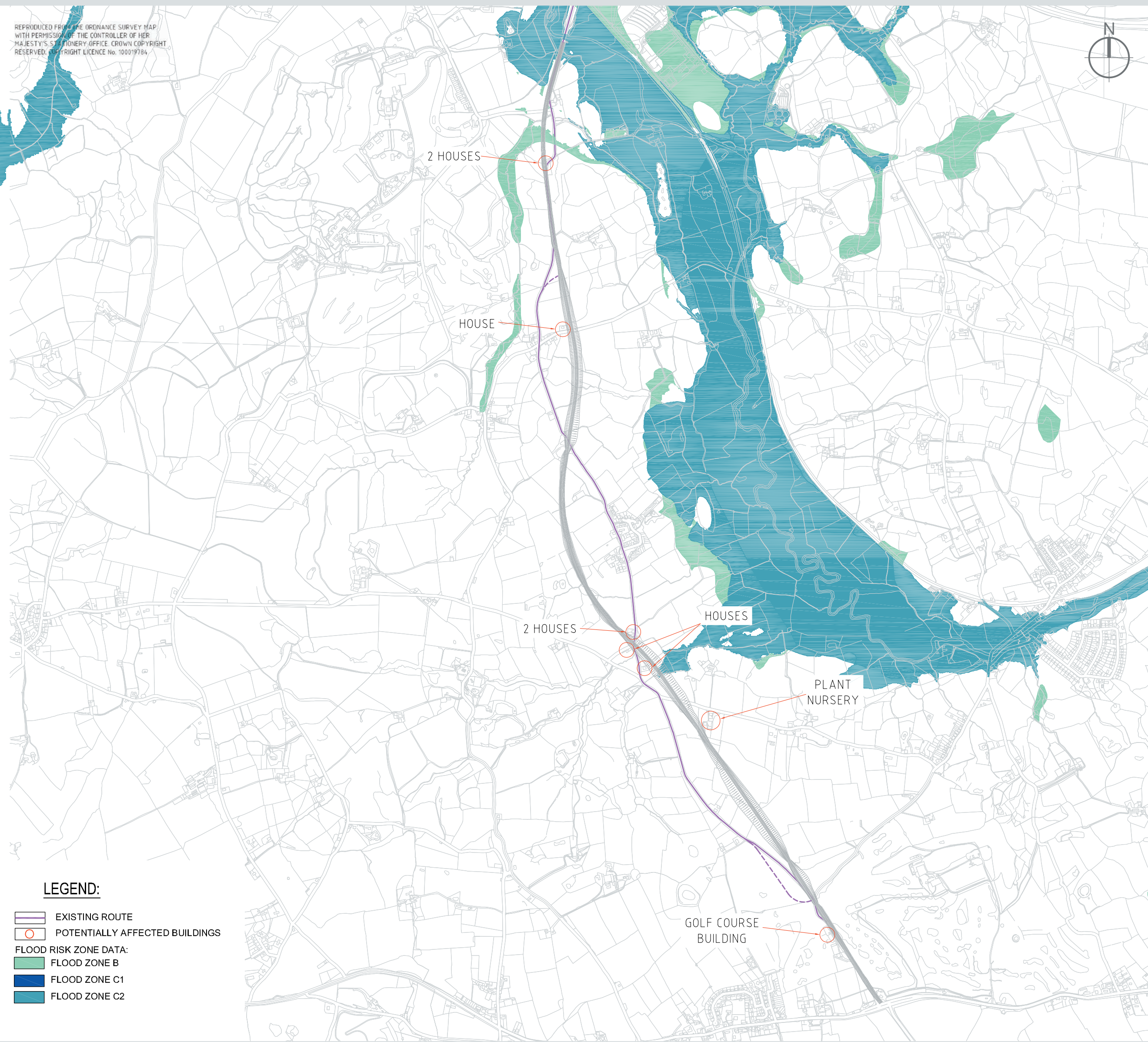


Key Issues

- The route would by-pass the existing communities of Pendoylan and Clawdd Coch.
- There would be some estimated nine properties affected by the route as shown, subject to more detailed design.
- There would be some impacts on Ancient Woodland, although the alignment seeks to minimise impacts to the edges of woodlands.
- There is potential for protected species to be located along the route.
- Buried archaeological features have the potential to add time and cost to any scheme and may impact on route alignments.



Environmental Constraints



Flood Constraints and Affected Buildings

Improving Strategic Transport Encompassing Corridors for the M4 Junction 34 to A48 Including the Pendoylan Corridor

WelTAG Stage Two: Outline Business Case