

Pre-Construction Road Condition Survey Suitability Report

For

Gelli Bwch Farm. Jersey Marine

Project Reference:

Site Address: Gelli Bwch Farm.

Jersey Marine.

Neath.

SA10 6JU

Prepared By: MP Whelan

JG Hale Construction Ltd

Milland Rd Industrial Est

Neath

SA11 1NJ

Summary: -

MP Whelan has been procured to carry out a condition survey of the road from the junction at Prettyman Drive Llandarcy to the entrance of Gelly Bwch Farm secondary entrance the western side near to Llandarcy village. (see map below). This is to ascertain the existing condition of the road, minimum road widths, and its suitability for the construction traffic required for the completion of the Gelli Bwch Solar Farm scheme.

Upon the completion of the scheme, another survey will be completed to ascertain the condition of the road post construction. In the event that there is any damage viewed, the client will liaise with the local authority in regard to required reinstatement, to bring the road back to its precondition prior to the Gelli Bwch Farm scheme.

Limitations of survey – Prettyman Drive junction to secondary entrance (access route for the construction phase of the Solar Farm).

Method of Survey: -

The survey will commence at the secondary entrance on the eastern side to junction to the junction off Prettyman Drive Llandarcy

A surveyor measuring wheel will be utilised for measuring as required





Secondary Entrance to Gelli Bwch Farm on the unclassified highway on the western side near to Llandarcy village dropping down to Prettyman Drive Junction Llandarcy





Minimum road width over section = 3.6





Damage – Edge cracking was viewed (left- and Right-hand side of road)





No formal solid edge detail (kerbing) to any part of the lane. Over-hang of trees above road.

Minimum road width over section = 4.2





Various Rutt's along Lane and area where large vehicles can pull in for oncoming vehicles to pass





The new Tarmac has in the main been placed upon the previous road surface below





Minimum road width over section = 3.8





Tree has broken off onto a fence





Minimum road width over section = 3.4





Rut was viewed from vehicles (left hand side of road)





Rutts where vehicles have been parking minimum Rd width 4.6





Repairs carried out on top of existing tarmac





Overhead powerlines and trees above





Repairs carried out on top of existing tarmac







Various repairs have been carried out on top of existing tarmac









Minimum Road width 4.4





Various cracks noted above













Other Observations: -

Some other minor rutting was viewed outside of the road surface area

Loose chippings were viewed on the road from adjacent driveway constructions

1 vehicle was noted passing through the lane on the day of the survey.

There is a large passing place along the route suitable for HGV lorries to pull in, and other areas along the route are suitable for light duty vehicles to pull in of required

The lane is generally straight with good line of site for oncoming traffic or pedestrians, cyclists etc that may be utilising the lane

Condition Summary: -

In general, the road is in good condition having recently been re-tarmaced

The new Tarmac has in the main been placed upon the previous road surface

There is minor cracking which has been viewed in several areas, this is due to there being no formal solid edge detail (kerbing) to the lane.

Lane Suitability for Construction Traffic: -

The road is deemed suitable for the limited construction traffic required for the construction of a Solar Farm of the proposed size

HGV vehicles were viewed utilising the lane during the survey, there are a limited number of HGV type deliveries required for the scheme <10, the access is deemed suitable for this

The 'contractor' is to co-ordinate deliveries for HGV type vehicles, so that a one in one out system is utilised so not to risk any unnecessary congestion on the lane