

Homestead Link Design

Introduction

Homes England has developed the design of the Homestead Link to meet the criteria of WCC and RBC as well as the needs of the South West Rugby allocation.

Our work has focused on:

- The purpose and function of the Homestead Link;
- Permeability for pedestrians, cyclists, and bus services; and
- Pre-application discussions with WCC to discuss the traffic modelling and detailed design.

Early design work for the landscape corridor has started, and it is important that local community views are taken into consideration as this work develops.

Our Approach

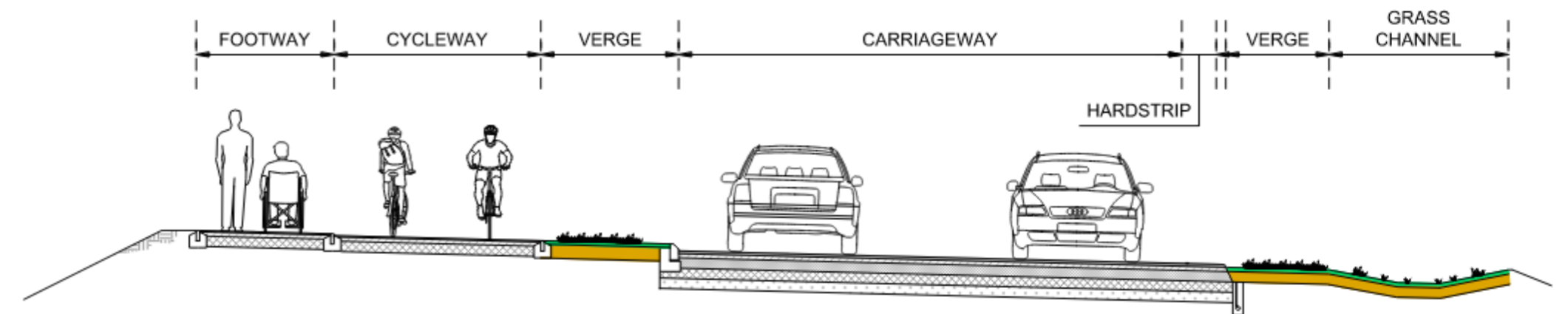
Has focused on achieving a balance between:

- Protecting the function and purpose of the road to alleviate congestion in Dunchurch by making it an attractive alternative route to the Dunchurch Crossroads.
- Creating a landscape corridor to prevent coalescence between Dunchurch and Rugby, to protect the identity of Dunchurch.
- Trying to keep impacts on environmental assets and adjacent properties to a minimum.
- But recognising that not all landscape features can be retained, and some properties may be more affected by the proposals than others.
- Ensuring adjacent land can provide the required number of homes to contribute to and enable delivery of supporting social, community and other infrastructure.

Road Design Standards

The road is being designed to meet national and local highway standards. WCC's design requirements for the link are provided below. The principle of delivering safe, and high-quality cycling and pedestrian routes is a key part of the emerging proposals.

DEVELOPMENT	Footway/Cycleway 5 metres	Verge minimum 2m width	Carriageway Width - 7.3 metres		Verge minimum 2m width	BUFFER



Key Design Parameters

To ensure the Homestead Link is an attractive alternative to Dunchurch Crossroads, it needs to:

- Maximise traffic flows to achieve the most benefit for Dunchurch.
- Enable a 40mph speed limit providing a quicker alternative to passing through Dunchurch.
- Limit the number of junctions, crossings and other barriers that could impede the free flow of traffic along the route.

But it is also important that it:

- Provides safe and convenient crossing points for pedestrians, cyclists, and other non-road users.
- Accommodate buses serving future development at South West Rugby to provide residents with an alternative means to travel other than by car.
- Provides a suitable means of access to the future development at South West Rugby whilst limiting impacts on local roads.
- Provides a considered layout that seeks to keep tree and hedgerow removal on the site to a minimum.

