

## **Ely: CO23035 Heol Trelai–Zebra Crossing Improvements**

### **Description of Scheme Proposal**

The Council is informing residents about plans to make changes to the crossing and junctions on Heol Trelai and Caerau Lane.

The existing zebra crossing is old and requires upgrading. The junctions of Caerau Lane are very wide meaning that vehicles don't need to slow down very much when turning into Caerau Lane from Heol Trelai.

This scheme will upgrade the zebra crossing and include a raised table that will require drivers to slow down on approach to the crossing. Tightening the radii at the junctions of Caerau Lane and Heol Trelai will further help to slow down vehicle movements. It also provides the opportunity to widen connecting footways and reduce crossing distances for pedestrians.

The scheme includes the following elements:

- Widened footways on Heol Trelai and Caerau Lane, providing shorter crossing distances for pedestrians.
- Upgrading of the centre island on the zebra crossing
- Upgrading of uncontrolled crossing on pedestrian desire lines.
- Upgrading of lighting and belisha beacons
- Greater deflection for turning movements to and from Caerau Lane onto Heol Trelai by tightening radii on the corners and therefore slowing down speeds.

The benefits will be:

- Slow down vehicle movements.
- Increased safety for pedestrians, especially children.
- Better visibility for all users

The scheme is being funded through Welsh Government's Active Travel Fund.

If you would like to make any comments about this proposal please let us know by **12/04/2024** by email to [TransportProjects@cardiff.gov.uk](mailto:TransportProjects@cardiff.gov.uk) or write to Transport Projects, Room 301, County Hall, Cardiff, CF10 4UW

Comments received will be considered carefully, individual responses will not be provided, but all issues raised will be addressed and added to the consultation report which will be available on line, or by request, in due course.

### **Additional Information about traffic management measures**

**Traffic Calming Features.** This term refers to specific physical traffic management measures which force drivers to reduce vehicle speeds. These include road humps, speed cushions, speed tables, priority narrowings, chicanes, gateways, roundabouts and other similar features.

**Speed Cushions.** These are a development of the road hump. The shape of speed cushions, particularly the width, enables drivers to align their vehicle with the cushion to minimise the hump effect. However, they also need to reduce their speed to do so. Larger vehicles particularly benefit in this way, thus reducing the effect on emergency service vehicles and bus passengers.

**Traffic Island.** A traffic island is an area in the middle of the road surrounded by kerbs so that vehicles cannot be driven across it and are usually fitted with a 'keep left' sign or ***illuminated bollard***. They are used as part of a ***pedestrian refuge***, to create ***staggered crossing***, to control vehicle movements at roundabouts or other junctions. A special type can appear to be a small roundabout, but without any side road arms.

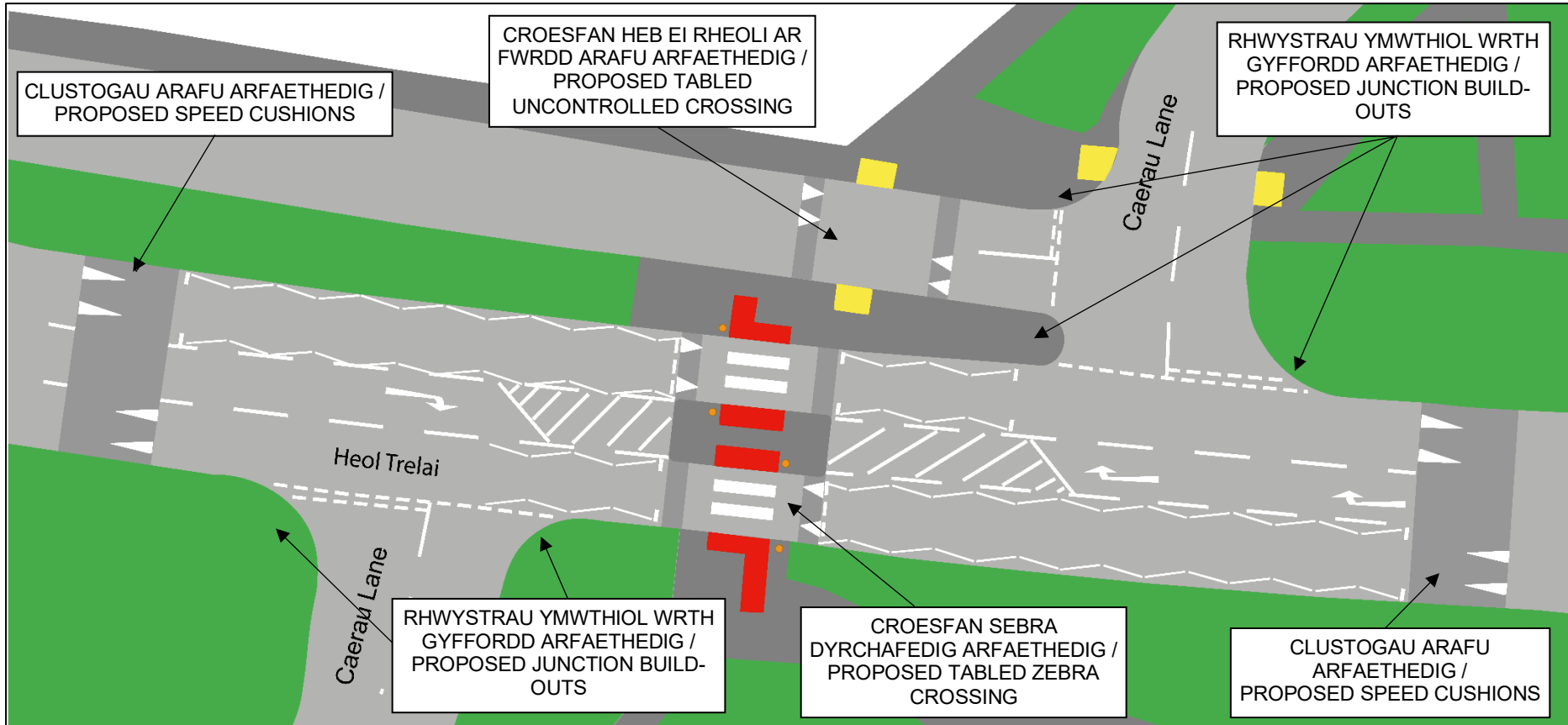
**Zebra Crossing.** This type of crossing is suitable for sites with medium levels of pedestrian demand and vehicle flows where a ***puffin crossing*** is not justified. They can provide a better level of service for pedestrians as there is no minimum time waiting for the right to cross. They can be usefully combined with ***build-outs*** which improve visibility to and from vehicles, reduce crossing distances and clarify that pedestrians are intending to cross the road.

**Tabled Zebra Crossing.** This is where a ***zebra crossing*** includes a ***speed table***, or is sited at a ***tabled junction***, either as part of a wider set of traffic calming or on its own.

**Junction Build-outs.** This is where ***build-outs*** are used at a junction. In these locations they prevent vehicles from being parked too close to the junction, improve visibility and can also provide ***protected parking***,



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The Council is consulting on the proposal to implement a highways improvement scheme based on the plan shown. Further details about this consultation are available at [cardiff.gov.uk/TransportProjects](http://cardiff.gov.uk/TransportProjects) using the 'view consultations' link. Alternatively, please e-mail [TransportProjects@cardiff.gov.uk](mailto:TransportProjects@cardiff.gov.uk) or write to Transport Projects, Room 301, County Hall, Cardiff, CF10 4UW to request a paper copy. If you would like to make any comments about this proposal please let us know by **12/04/2024**