Scheme profile

Scheme code: BS\07\LCN\BRE.10

Palermo Road Junction LB Brent

Description

The scheme is located on Link 15 in the London Borough of Brent.

Speed cushions had previously been installed along the length of Palermo Road to address ongoing issues of excessive vehicle speeds. The roundabout at the junction with Wrottesley Road posed particular problems for cyclists due to the high vehicle speeds and generally poor visibility. In its current form, the roundabout offered no vertical calming and minimal deflection, allowing motor vehicles to regularly pass through without reducing their speed.

Agreement on the merits of replacing humps and cushions with sinusoidal humps required a site visit with senior management, to observe an existing sinusoidal scheme in LB Islington. Convinced of their merits, a design was prepared which involved conversion of six existing speed cushions in Palermo Road to sinusoidal profile humps, in accordance with LCDS, for more comfortable cycling. The CRISP study highlighted a desire for sinusoidal humps to replace these cushions, as with all other speed cushions on LCN+ Links across the Borough. Initially, two trial humps were installed to gauge the response from local cyclists, ensure the contractors could construct them within tolerance, and as reference installations for comparative speed surveys. The trial humps were met with a positive response, construction problems were ironed out and vehicle speeds reduced, enabling completion of the remainder of Palermo Road, and other roads across the borough. Problems associated with the mini-roundabout were addressed by tightening the geometry with kerb build outs and implementing an entry treatment on one arm to further reduce the speed of vehicles turning into or out of Wrottesley Road.

Existing conditions

- Ineffective mini-roundabout with poor visibility for riders
- Vehicles regularly pass through without reducing speed
- Speed cushions

Scheme details

- Conversion of 6 speed cushions to sinusoidal humps
- Kerb build outs
- Roundabout works and entry treatments for speed reduction
- Redesign of cycle contraflow

Before

After