

## Brookbanks Table

Traffic Calming Feature	Disadvantages
Speed cushions	<ul style="list-style-type: none"> <li>Vertical displacement can be uncomfortable. This has been mitigated by having longer speed cushions than found elsewhere in Grove. They are also to be only 75mm high.</li> </ul>
Speed ramps	<ul style="list-style-type: none"> <li>Vertical displacement can be uncomfortable. This has been mitigated by having gentle slopes on the approaches of 75mm over 2m, as shown on the details</li> </ul>
Chicanes	<ul style="list-style-type: none"> <li>Visibility on Newlands Drive is too good, so oncoming traffic can be seen and it can encourage drivers to speed up to get through the chicane before the oncoming traffic.</li> <li>Accidents have occurred recently where drivers were racing to be the first through the chicane.</li> <li>The chicanes themselves and bollards on them get hit regularly and need repairs and maintenance.</li> <li>Chicanes can present safety problems for pedal cyclists if motor vehicles attempt to pass them within the chicane . While cycle 'bypasses' have been used at some chicanes, they are difficult to maintain and are often therefore avoided by cyclists.</li> </ul>
Mini-roundabouts	<ul style="list-style-type: none"> <li>Certain deflections of the traffic need to be achieved. Newlands Drive is so straight that there is not the land available to fit the deflections in, so the mini-roundabouts would need to be on ramps anyway.</li> <li>Unlikely to be sufficient right-turning traffic for the two northern access roads to get traffic used to stopping. Traffic may then just travel south through the roundabouts without thinking.</li> </ul>
Free standing traffic lights	<ul style="list-style-type: none"> <li>Not permitted in the UK. People would stop complying with them if there were red lights with no understandable reason.</li> <li>Some traffic is doing more than twice the speed limit, so it would be difficult to place the detectors in a position that would get the lights changed to red before the vehicle reached the lights.</li> </ul>
Speed reminder/smiley face-sad face lit sign triggered by speed	<ul style="list-style-type: none"> <li>These have been shown to reduce speeds only by very small amounts, which would not be effective enough for Newlands Drive.</li> <li>These can be ignored by drivers familiar with the route.</li> </ul>
Speed camera	<ul style="list-style-type: none"> <li>Traffic has been shown to slow down for the speed camera and speed up again once through. This would not help reduce speeds along the whole of Newlands Drive.</li> </ul>

- Mobile cameras can be more effective, however these can be expensive. They only work when they are seen by the traffic, or near the places where traffic gets used to them being hidden.
- Cameras do not amend the 'look' of the character of the road, so it will still look like a high speed road and people will treat it accordingly.