

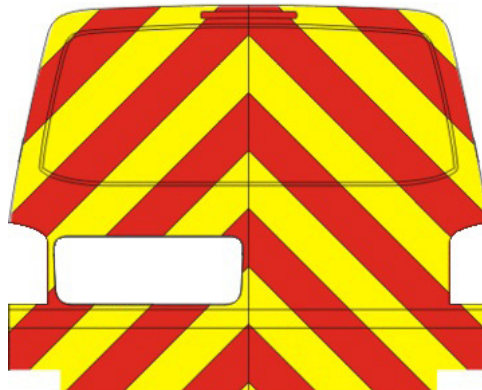
**Table 4.6** Highway maintenance

Working Drawing No.	Sign Description	Sign Illustration	Typical Variants	Legislation/ Design Guidance
P7404	Nature of work being done by vehicle working on the highway	<b>HIGHWAY MAINTENANCE</b>	The word "HIGHWAY" may be varied to "MOTORWAY" or "ROAD". The legend may be on one line as shown below	TSRGD 2016 S13-6-12 Part 2: Operations, Paragraph O5.2.8 and Section O11.8
<b>HIGHWAY MAINTENANCE</b>				

### U4.3 Vehicle conspicuity markings

**U4.3.1.** Chevron markings should be provided on the vehicles stopping on high-speed roads in accordance with Part 2: Operations, Paragraph O5.2.3.

**U4.3.2.** The rear markings for cars and vans are upward facing chevrons in red and yellow alternating stripes, as shown in [Figure 4.1](#). Each chevron stripe should be no less than 150mm in width (larger on big vehicles) and angled upwards between 45 and 60 degrees. The red stripes must be of retro-reflective material, designed to maximise night-time visibility. The fluorescent yellow stripes are non-reflective, providing good daytime and dusk visibility and contrasting with the red. The chevrons should cover as much of the rear as possible without obscuring windows, lights or registration plates. The recommended specification for various types of vehicle are shown in [Table 4.7](#).



**Figure 4.1** Rear mounted chevron markings

**U4.3.3.** It is also acceptable to have complete coverage of red retro-reflective material in place of chevrons on the rear but the red/yellow combination is generally considered to give the greater all round conspicuity.

**U4.3.4.** It is recommended that for higher speed roads retroreflective material to Class R3B is used. Class R2 material may be used to meet minimum retro-reflective requirement for low-speed roads (under 40mph limit). Material to Class R1 is not recommended for works vehicles.

**Table 4.7** Recommended specification for chevron markings

Vehicle type	Higher speed road specification (above 40 mph)
Vehicles under 7.5 tonnes (typically cars and vans) on the public highway that operate or stop for work purposes	<ul style="list-style-type: none"> <li>• Rear chevrons in retroreflective red and non-reflective fluorescent yellow;</li> <li>• Rear facing door edging / lockers / guardrail strips in red retroreflective material.;</li> <li>• “HIGHWAY MAINTENANCE” (or permitted variants) in non-reflective black on either non-reflective, reflective or retro-reflective yellow; and</li> <li>• 50 mm side outline / stripe in yellow retroreflective material.</li> </ul>
Vehicles over 7.5 tonnes (including: spreaders, gritters, tippers, Road sweepers and Recovery trucks) on the public highway that operate or stop for work purposes	<ul style="list-style-type: none"> <li>• Rear chevrons in retroreflective red and non-reflective fluorescent yellow;</li> <li>• Rear facing door edging / lockers / guardrail strips in red retroreflective material;</li> <li>• “HIGHWAY MAINTENANCE” (or permitted variants) in non-reflective black on either non-reflective, reflective or retro-reflective yellow;</li> <li>• Directional arrow in accordance with Part 2: Operations, Paragraph O10.7.5;</li> <li>• Rear marker chevron boards (ECE70 / 70.1); and</li> <li>• 50 mm red rear and yellow side outlines (ECE104).</li> </ul>
Incident / Mobile Support Units (where the authority does not have a specification)	<ul style="list-style-type: none"> <li>• Rear chevrons in retroreflective red and fluorescent yellow-green material;</li> <li>• Door edging strips in red retroreflective material;</li> <li>• “HIGHWAY MAINTENANCE” (or permitted variants) in non-reflective black on either non-reflective, reflective or retro-reflective yellow.</li> </ul>