

4-2 Installation of Road Markings after Rumble Strip Installation

If road markings are to be applied on a section where rumble strips have been installed, a spray method shall be used. The slit method shall be avoided, as the paint may fill the rumble strip concavity.

Explanation

When road markings are to be applied over rumble strips, lines painted by the slit method can form lumps in the rumble strip grooves (Photo 4-4) or they can fill the groove entirely. The slit method applies paint by expelling it onto the road surface through a slit in the equipment. This can cause a large amount of paint to pour into the groove and form lumps.

It is desirable to use double-rotor spray application (Figure 4-11) or single-rotor spray application (Figure 4-12).



Photo 4-4: Lumpy paint in the grooves

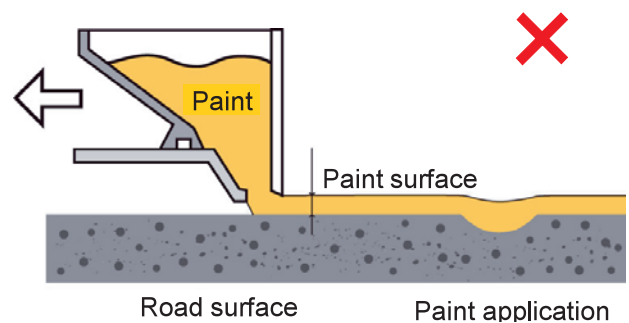


Figure 4-10: Slit application of road marking

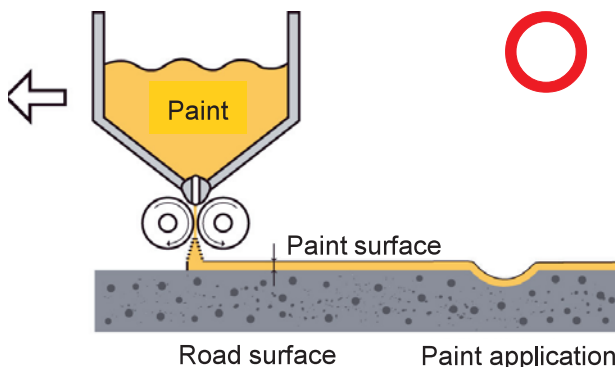


Figure 4-11: Double-rotor spraying of road marking

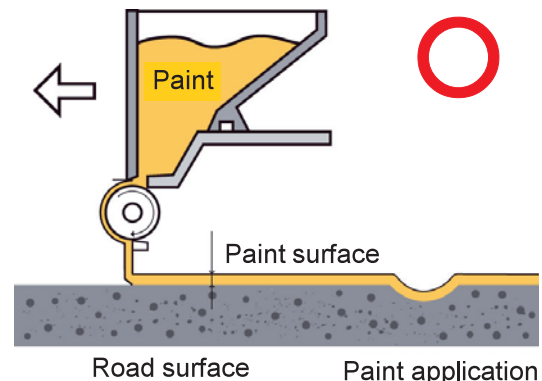


Figure 4-12: Single-rotor spraying of road marking