

# 11. TEMPORARY SURFACES

## 11.1 General

No trench is to be opened to traffic or pedestrian use without a proper temporary surface, as described below, or a permanent resurface.

The surface level must be within 5 mm below to 15mm above the original surface level.

## 11.2 Materials

### 11.2.1 Asphalt - Carriageways and footpaths

Asphalt may be either a hot mix or cold mix and must be laid in manner and depth to be durable for vehicular and pedestrian use.

Mix types other than those covered by the TNZM10P specification may be used as long as they produce a durable surface.

### 11.2.2 Steel plates - Carriageways and footpaths

#### 11.2.2.1 Steel plates in Carriageways

These must be secured and cushioned with rubber matting to prevent them rocking, moving or creating a noise problem. If the plate causes a lip greater than 30 mm high then asphalt ramps must be formed around the edges of the plate.

Use of steel plates in the carriageway requires 'UNEVEN SLIPPERY SURFACE' (TW4.WCC.US) warning sign/s to be displayed to warn traffic of those hazards.

#### 11.2.2.2 Steel plates in Footpaths

A ramp must be formed around the edges of the plate so that pedestrians don't trip. Ramps in footpath areas should be not steeper than 1 vertical in 8 horizontal. Any lip must be made clearly visible by colour or shade difference and must be not higher than 5mm.

### 11.2.3 Tightly bound basecourse - Footpaths and kerbside parking areas only

This must be TNZ M5 (Wellington) AP40 specification material but may have a surface dressing of an AP20 top course material. These surfaces must be maintained clean and tidy without any sign of erosion, or, scattered loose material on the surrounding surface. If the surface is not maintained in this way then an asphalt temporary surface must be laid immediately.

## **11.3 Dispensation**

Where a Contractor gets caught out by wet weather or a shortage of asphalt they may request the Road Controller for dispensation to leave an area of carriageway without a proper temporary surface. Such situations will require:

- additional 'UNEVEN SURFACE' (TW2.WCC.US) warning sign/s and SPEED RESTRICTION signs to be displayed to control and warn traffic of that hazard
- the surface must be maintained so that it is within 30 mm of the surrounding road surface level at all times
- the surface must be reinstated with a proper temporary surface or permanent surface within one working day

Dispensation may be withheld on some busy main roads.

No dispensation will be given for footpaths.

## **11.4 Duration**

Temporary surfaces must be replaced by a permanent resurface within 30 days.

## **11.5 Temporary road markings**

Temporary road markings may be required on temporary surfaces for safety or parking enforcement reasons. Situations where temporary markings must be put in place immediately are broken yellow "No Stopping" lines, "Stop" and "Giveaway" limit lines, and pedestrian crossing markings. Should other markings be requested by the Road Controller they must be applied within 24 hours in a manner that is clearly visible and legally enforceable.

## **11.6 Maintenance of temporary surfaces**

Temporary surfaces are to be maintained at all times free of loose material and to the above standards until replaced with a proper permanent surface.

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