



## **REINSTATEMENT REQUIREMENTS FOR COUNCILS ASSETS (NOV 2011)**

### **Scope**

These general requirements have been drawn up for the protection of the community and of Council assets. They are in addition to any specific requirements for a particular project. Council assets include road surface, pavement, kerb and channel, footpath, street furniture, nature strip & trees and underground drainage and pits and any other Council assets. These assets cannot be penetrated, modified or damaged in any way without the express consent of Council.

### **Standard Drawings**

All works must comply with Engineering Services Standard Drawings (10661 Standard Drawings as updated from time to time)

### **Roads and Footpaths**

A Works Consent must be obtained before starting any works in Council's road reserves. Contact Council on 9490 4222.

Works Consent from Council is not required for works totally within Vic Roads road pavement i.e. from back of kerb to back of kerb. All other works within the nature strip & footpath area must have Councils consent.

Boring (Grundomat\* subject to conditions) must be used for placing services under existing roads, footpaths and associated structures. Council's written approval must be obtained before alternative methods are proposed to be used.

*\*The Grundomat boring technique has the potential to cause surface displacement and damage to underground services as experienced within Banyule.*

*To minimise disruption and cost, the Grundomat system can be utilised subject to the following requirements:-*

- The minimum cover beneath the road pavement shall be increased to 1.10 metres below the top of kerb level. The Contractor shall assess the material type and increase the depth to avoid the possibility of damaging the pavement.\*\**
- All services in the vicinity of the area to be bored must be deepened by the Contractor and at their expense prior to works commencing, to ensure a minimum clear distance of 300mm between the outside wall of the service and the likely location of the bore probe.\*\**

*\*\* Refer to Liability for Damage*

### **Requirement of Utility Infrastructure & Service Providers**

The Road Management Act sets down specific requirements for utility infrastructure and service providers, including the following:-

- Utilities will be required to obtain consent from the coordinating road authority for works impacting on roads and provide notification of the installation of infrastructure, subject to exemptions in regulations. [NOTE: The consent provision came into operation on 1 January 2005 and is in addition to any requirements under planning and environmental legislation].
- Utilities will be required to adequately reinstate roads after completion of repairs or new works.
- Utilities will be required to notify road authorities following completion of works, subject to exemptions in regulations.
- Utilities will be required to notify other works and infrastructure managers where they will be affected by the utility works.
- Utilities will be required to consult with affected members of the community.
- Utilities will be responsible for the repair of road infrastructure damaged by failure of utility infrastructure.
- People who conduct works on a road will be required to have an appropriate traffic management plan and to use appropriately trained and qualified staff.

Utilities will be required to take reasonable measures to maintain utility infrastructure or works to a satisfactory standard.

### **Nature Strip Trees**

Care shall be taken when excavating in the vicinity of the canopy of nature strip trees. Trees including roots must not be interfered with without the prior approval from Council on 9490 4222. Thrust boring is preferred for placing services under trees. If the work involves trenching or boring with a change of direction, the change in direction point must not be located within the canopy of any existing trees. **All nature strips disturbed by the works must be reseeded with Rye Grass after completion of works.**

### **Drainage Pits and Pipes**

All proposed pits are to be located clear of paths and pavements. Where this cannot be avoided, then pit covers must comply with AS 3996-1992, Class C for footpaths and Class D for roads.

All proposed work must be at least 300mm clear from the outside wall of any existing drainage pit or pipe.

Where house drains are affected by works, the contractor must notify Council on 9490 4222 to either arrange for their reinstatement (at the contractor's expense) or for an inspection prior to backfilling.

### **Safety Precautions**

All traffic management shall comply with Australian Standard AS 1742-2009, Part 3 - Traffic Control Devices for Works on Roads and will include adequate and appropriate management of pedestrians.

If an open trench must be left unattended, adequate safety precautions must be taken, including appropriate warning signs, delineators and barricades. Where obstructions will remain after dark, signs must be used in accordance with the Australian Standard. Preference is for all openings to be covered whilst unattended.

### **Excavation of Material**

All excavated material from road pavement or footpath pavement must be removed and disposed. **It is not to be used for any compaction. Class 2 crush rock will be used.** The area must always be swept and cleaned, and left in a safe condition.

### **Reinstatement Works**

All trenches and holes are to be backfilled with appropriate fill and compacted in layers not exceeding 150mm compacted depth. All fill must be approved by Council's Asset Protection Officer prior to use.

In nature strips, select clay should be used up to 100 mm below the finish surface, and good quality loam for the top 100mm (consolidated, raked to an even surface and grass seed applied liberally).

Beneath existing or proposed footpaths, trenches should be backfilled and compacted with Class 2 crushed rock to within a level to allow for the full thickness of the replacement pavement, to the satisfaction of Council. Trenches must be thoroughly compacted, and include follow-up inspections and if necessary, remedial action, to ensure no settlement.

Paved areas, including vehicle crossings and footpaths must be reinstated to the nearest construction joint to construction joints. If for example the concrete pavement bay is 1.50m x 1.50m, all this must be reinstated or greater, to meet Council's requirements. Council's standard is 75mm thick concrete for footpaths (or to match existing if greater than 75mm depth), 150mm with F 72 mesh for residential vehicle crossings and 200mm with F 72 mesh for commercial vehicle crossings.

Concrete Footpath Reinstatements in Shopping Centres. All reinstatements must meet existing pavement colour pattern and design, from construction joint to construction joint.

Asphalt Areas on Road Pavements. Any excavation within the road reserve road pavement will have an additional overlay of 500mm each side of the trench to the depth of the existing pavement. If the trench is 500mm wide, the reinstatement will be 1.50m wide. This is required to stop subsiding of the trench through ingress of water.

Asphalt Footpaths. Any trenching across asphalt footpath areas must be reinstated with an additional overlay of 500mm each side of the trench to the depth of the existing pavement. This will apply to both longitude and latitude excavation.

Right of Ways (R.O.W) All R.O.W surfaces must be reinstated, like with like. Contact Council's Asset Protection Supervisor for clarification.

**The contractor must notify Council's Asset Protection Supervisor prior to the completion of works on 9457 9852.**

**All works must carry a 12 month guarantee. This will apply from the date of notification of completion works.**

**Requested for Council to Undertake Permanent Reinstatement Works**

Where Council has been requested to undertake permanent reinstatement works, the contractor is required to place a minimum of 50mm cold mix asphalt for temporary reinstatement over trenches in roadways, vehicle crossings, footpaths and other areas backfilled with crushed rock.

**Liability for Damage**

Care should be taken when working near Council assets, particularly house drains and stormwater drains in nature strips. Any damage caused to road pavements, footpaths, driveways, associated structures or services (regardless of cover or these requirements) shall be reported immediately to Council on 9490 4222.

The Contractor's shall be liable for all expenses incurred including any experienced by Council in repairing, re-instating or replacing any asset damaged as a result of the Contractor's works.

**Indemnity**

The Contractor will indemnify Banyule City Council against any claims for personal injury or property damage arising from the actions of the Contractor and/or their agents.

**Council Standard Drawings**

Drawings can be obtained by contacting Council on 9490 4222.