

REINSTATEMENT REQUIREMENTS FOR COUNCIL ASSETS



Scope

These general requirements have been developed 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, but not limited to road surface, pavement, kerb and channel, footpath, street furniture, nature strip and street trees, and underground stormwater drainage and pits. These assets cannot be penetrated, modified or damaged in any way without the express consent of Council.

Banyule Standard Drawings

All works must comply with Banyule Standard Drawings as available on Council website.

<https://www.banyule.vic.gov.au/Parking-roads/Standard-drawings>

Roads and Footpaths

A Works Within Roads Reserve permit must be obtained before starting any works in Council's road reserves which is available on Council website.

Works Consent from Council is not required for works within VicRoads road, from back of kerb to back of kerb. All other works within the nature strip & footpath area require Council's consent, subject to the Road Management (Works and Infrastructure) Regulations 2015.

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 as follows:

- 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 depth by the Contractor at their expense prior to works commencing, to ensure minimum clearances specified by the relevant service authority (or 300mm, whichever is the greater) is maintained between the outside wall of the service and the likely location of the bore probe when passing.***

*** 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.

- Utilities will be required to reinstate roads after completion of repairs or new works to the satisfaction of the relevant road authority (Council).
- 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 and Street Trees

All trees including roots must not be interfered with without the prior approval from Council's Development Planning team 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 Tree Protection Zone as per AS 4970-2009 Protection of Trees on Development Sites. 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 current Banyule Standard Drawings as available on Council website.

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 1742.3:2019 Traffic Control for Works on Roads, the Code of Practice – Worksite Safety – Traffic Management and will include adequate and appropriate management of all road users including 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 backfill. Class 2 crush rock will be used.

The area must always be swept and cleaned and left in a safe condition.

Reinstatement Works

Backfilling

Excavation within road pavements or footpaths must be backfilled in layers not more than 150mm in depth with Class 2 - 20mm crushed rock. Unless permanent reinstatement is undertaken immediately, road surfaces must be sealed with a minimum of 30mm depth of cold mix asphalt to the satisfaction of Council officers, then a final repair to be carried out with hot mix asphalt.

Right of Ways (R.O.W)

All R.O.W surfaces must be reinstated, like for like. Contact Council's Asset Protection Supervisor for clarification prior to commencement of any works.

Compaction

Compaction must achieve within paved areas – not less than 100% of AS Standard Maximum Dry Density. Within other areas not less than 95% of AS Standard Maximum Dry Density. The contractor may require to provide compaction test results to Council. Any subsidence within 12 months must be repaired by the contractor, or by Council with contractors cost.

Trenches

All trenches must be saw-cut and excavated at right angles to the road, to a depth as required, not less than 600mm below the nature strip or 800mm below the road surface.

All reinstatements must be perpendicular to the kerb/channel, and not on an angle across the roadway.

Service Pipes

All services pipes must be constructed in accordance with Council's specifications or the specification of the relevant service authorities.

Sealed (Road) Surfaces

Any excavation in a sealed road must be reinstated with a bridge across the trench by 250mm on both sides of the trench, in accordance with Council's standard drawings A205 and A210. All excavated material is to be removed from site, and fresh material used for backfilling. Please refer to backfilling and compaction requirements.

Refer to Banyule City Council Standard drawing A210 for more details.

<https://www.banyule.vic.gov.au/Parking-roads/Standard-drawings>

Typical Hot mix Asphalt Footpath

Excavated paved footpaths must be compacted and left evenly graded to original base levels followed by a minimum of 40mm of hot mix asphalt.

Refer to drawing R265 Typical Hot Mix Asphalt Footpath for more details.

Concrete Footpaths

After excavating a concrete footpath, the area must be returned to the existing base level with crushed rock and made safe by covering with minimum of 40mm cold mix asphalt, until final reinstatement occurs.

Refer to drawing R260 Typical Footpath for more details.

Bluestone Pitchers

Any disturbed bluestone pitchers must be reused and reinstated to the existing layout / pattern, to the satisfaction of Council.

Services

Service alignment is to be agreed to by Council and to a minimum depth of 800mm below the road surface or a minimum of 600mm below a nature strip surface.

Stop Taps

Stop taps are to be placed on the service pipes inside the alignment of the property and in the case of shops, on the footpath within 300mm of the road boundary and covered with an approved wrought iron box.

Significant or Multiple Road Openings

Where a significant road opening (two property frontages) or over 30 continuous metres in length is necessary, a pre-construction meeting must be arranged by the service authority with relevant Council Officers prior to any works commencing.

Council officers will assess the condition of impacted roads to determine the reinstatement requirements.

Temporary reinstatement can be achieved in cold or hot mix asphalt until permanent reinstatements are completed, level surfaces must be achieved for the safety of the community.

Permanent reinstatements are to be completed on a `like for like basis` based on existing pavement makeup. Thickness of the roadway may vary. This will not be known until excavation takes place.

Banyule City Council standards for new subdivision is 40mm base course and a 25 to 30mm wearing course.

If a road surface is determined by Council officers to be in `as new` or good condition, Banyule City Council may require a half or full width road re-sheet.

- Half road re-sheet may be required if the excavation/s are between the centre line of the roadway and the face of the kerb / channel.
- A full road re-sheet may be required if the excavation/s span the centre of the roadway to the face of the kerb / channel on both sides of the roadway.

Subject to the above, all longitudinal (trench) reinstatements must be reinstated to the nearest lip of kerb, and to a minimum width to ensure a smooth finish using an asphalt paver machine.

If multiple road openings are required a pre-construction meeting must also be arranged by the service authority with relevant Council Officers prior to any works commencing to ascertain Council's reinstatement requirements, noting multiple road openings may be detrimental to the integrity of the road and reinstatements may also include half/full road re-sheeting as outlined above.

Any openings that are within 2 meters of each other must be combined into one reinstatement.

All reinstatements are to be `squared off`. (Square or rectangular in shape only) No odd shaping permitted.

All reinstatements are to be perpendicular to the kerb and channel, and not on an angle across the roadway.

All road reinstatements are to be crack sealed on edges.

All inspections must be carried out by an authorised Council officer, before any works are undertaken to determine all reinstatement requirements.

Drainage Connection

All drainage connections shall be inspected prior to backfilling.

Stormwater

No construction material or sediments shall enter Council's drainage system.

Site Clean Up

At completion of works all surplus material shall be disposed of in a legal manner and site reinstated to the satisfaction of Council Officer.

Traffic Management

Traffic and Pedestrian Management shall be in accordance with Australian Standards Roadwork's Code of Signing

Unless exempt under the Road Management Regulations, the contractor must notify Council's Asset Protection Supervisor prior to the completion of works on 9490 4222.

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

Requests for Council to Undertake Permanent Reinstatement Works

Where Council has been requested to undertake permanent reinstatement works, the contractor requires to place a minimum of 30mm cold mix asphalt for temporary reinstatement over trenches in roadways, vehicle crossings, footpaths and other areas backfilled with crushed rock.

Council will then arrange one or two quotations through Council's civil/minor works contractors. Once the quotation is accepted, the money will be taken from the bond or invoice sent. No works are undertaken until the allocation of funds are received.

Liability for Damage

Care should be taken when working near Council assets, particularly house drains and stormwater drains in nature strips. Any damages 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 shall be liable for all expenses incurred including any cost incurred by Council in making safe, 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.