

RESTORATION CHARGES FOR ROAD OPENINGS & CONDITIONS TO BE OBSERVED

(Road openings include any opening of road pavement, road shoulder, footpath, kerb & gutter, nature strip or other Council infrastructure)

Council has a responsibility to maintain its road pavement, road shoulder, footpath, nature strip, kerb & gutter, etc. in the best possible condition. Therefore, strict compliance of the following conditions and specifications are required to ensure a quality restoration.

Contractors and individuals engaged in trenching work within Warringah Council area are required to obtain Council's "Road Opening Permit" and pay the associated Permit Fee and Restoration Charges prior to commencing of works.

The permit fee and charges, required to cover the cost of restorations, are published in Council's book of Fees and Charges and are available on Council's web site. These fees and charges will be used to cover the cost of Council inspections, quality checking and checking of temporary coldmix asphalt wearing course on trenches at the end of the maintenance period of six (6) months. The total charges payable will be based initially on the road area to be affected by trenching works as determined by Council and agreed by the Applicant. Upon completion of the works and certification that all trenches have satisfied the specified backfilling and compaction requirements, an actual measure of the areas to be restored (permanently) will be carried out by Council's Restoration Officer (with the applicant's representative if required), and any adjustment to the original restoration charges will be made on this basis. This may involve additional charge if the restored area is larger than originally estimated.

Council recognises the need for these works and through mutual co-operation the work should proceed smoothly for all parties concerned.

1. PERMITS

- a) A Road Opening Permit must be obtained from Council's customer service centre, Civic Centre, Dee Why, before a road is opened by any plumber, drainer, builder or any other person (Such contractors or individuals are referred to hereunder as the Permit Holder).
- b) The permit must be available at the work site whilst the opening is being carried out.
- c) Wherein the opinion of Council's Restorations Officer a bona fide emergency condition existed (eg. damaged sewer connection or burst water service) 24 hours will be allowed for making an application for a Permit unless such a condition existed during a weekend or a public holiday and in that case an application must be made before the end of the next working day.
- d) The Permit will be valid for six (6) months from the date of issue.
- e) No main traffic route road pavement shall be opened without the permission of the Restorations Officer.
- f) A Permit Fee (\$184.00 for 2011/2012) must be paid in addition to the appropriate restoration charges.

2. RESTORATION CHARGES

In addition to the Permit Fee, all restoration charges shall be **prepaid**. This charge shall be calculated in accordance with the schedule of Fees & Charges (refer to the Fees & Charges hand book which is published by the Council annually) and the further details set out hereunder.

3. LATE FEE

Where a Permit is not sought in accordance with (1) above, a late fee in the amount of \$1000.00 (scheduled fee in 2011/2012) shall be charged and added to the restoration charges. The late fee shall also apply where an inadequate Road Opening Permit has been obtained and the charges are insufficient to cover the restoration costs, as assessed in accordance with the actual field measurements of the opening and /or with (4) hereunder.

4. AREA CALCULATED FOR RESTORATION CHARGES

- a) Minimum width for all openings shall be 0.5 m.
- b) Where the width is more than the minimum specified as above, it shall be measured in steps of 0.1 m above the opening size.
- c) Special conditions for concrete openings are to be observed as specified in Clause 5 hereunder.
- d) In any case the actual area restored will be charged. Where this is greater than that covered by the Permit, the extra charge will be payable by the applicant in addition to the late fee as set out under (3) above.

5. CONCRETE OPENINGS

- a) Under no circumstances a concrete road shall be opened without the express permission of the Restorations Officer, in writing.
- b) Longitudinal footpath openings and concrete road pavement openings shall be saw cut along all edges.
- c) The depth of saw cut shall be at least 50 mm for footpath and 75 mm for road pavement and vehicular crossings.
- d) Openings in concrete footpaths shall be charged on the basis of all full slabs damaged.
- e) Openings in concrete roads closer than 2 m to a longitudinal, or transverse joints shall include the restoration of the area between the opening and the joint.

6. NATURE STRIP OPENING

No restoration will be charged on grassed nature strips provided the area is restored to its original state. If unsatisfactory reinstatement occurs then the appropriate charge will apply.

7. CONDITIONS TO BE OBSERVED BY THE PERMIT HOLDER

- a) The Permit Holder shall provide adequate barriers and warning signs, and where excavation is open overnight, adequate lighting with a minimum of three (3) lamps.
- b) Except under exceptional circumstances, all openings shall be carried out between 7.00 a.m. and 5.00 p.m.
- c) At the close of each day's activity, the work site must be left in a safe condition, having due regard to providing temporary access to private properties and public thoroughfare.
- d) Traffic control devices are to be provided for all works within the road reserve in accordance with AS 1742.3-2002.
- e) No more than half the width of a road pavement shall be opened at any one time. On main traffic routes and within 100m of traffic lights, Police shall be notified and RTA approval shall be obtained.
- f) Any Utility Services damaged during the work are to be immediately reported to the relevant Utility Authority.
- g) **Should Council receive complaints or be required to rectify an unsafe condition outside normal work hours, the costs involved will be recouped from the Permit Holder.**
- h) All excavated materials and surplus backfilling materials shall be removed from the site of the work and the site must be left in a clean condition.
- i) Upon completion of the opening, temporary restoration shall be carried out by the Permit Holder as set out in the **"Specification for Trench Construction Within Council Roads"**.

- j) **The permit holder must have a valid Public Liability Insurance Cover to a value of minimum \$10 million at the time of road opening.**

8. GENERAL

- a) Backfilling and compaction of road openings and trenches shall be carried out in accordance with Council’s Specification for Trench Construction Within Council Roads.
- b) All work shall be carried out to the satisfaction of Council’s Restorations officer and the applicant shall be liable for the cost of any extra restoration work, over that paid for, where it is necessary to satisfy the above conditions or restore adjacent failed sections of road sub-grade or pavement.
- c) A road opening permit is also required for any boring work including the payment of permit fee prior to the commencement of boring.
- d) Where a road or path has not been constructed to its final levels, consideration may be given to permitting the mains or services being laid at depths measured from the existing surface, provided the owner or Utility Authority agrees to meet all costs of adjustments that may be necessary when the road or path is finally constructed, otherwise mains and services shall have the following minimum cover below design levels:

Sewerage services	1.0 m
Water services	0.6 m
Other Services	0.45 m

SPECIFICATION FOR TRENCH CONSTRUCTION WITHIN COUNCIL ROADS

- 1. All trenches within the roadway, traversing pathways or driveways are to be backfilled to within 250 mm of the road surface with clean sand (not filling sand) as shown in Figure 1;
- 2. All sand backfilling shall be thoroughly compacted in layers not exceeding 250 mm thickness either by use of a “Wacker” type rammer or vibratory roller (where the width of the trench permits);
- 3. Sand backfilling, to depths less than 1.5 metres, shall be compacted to 80% Relative Density which is equivalent to a minimum of 10 blows per each 300 mm penetration of a Scala Penetrometer. Over 1.5 metres, the Scala blows are to be a minimum of 8;
- 4. The top layer of the trench shall comprise of a minimum of 200 mm thick compacted DGB 20 road base and a well compacted surface seal of 50 mm thickness;
- 5. Compaction of DGB 20 roadbase shall be to a minimum of 98% modified compaction ratio;
- 6. Concrete and asphaltic edges of trenches shall be saw cut after completion of the trenching works on an alignment that includes all edge failures that have occurred during the process;
- 7. The temporary coldmix wearing course (surface seal), shall be maintained in a safe condition by the permit holder **until** the permanent restoration is carried out by the Council (but which shall not exceed a period of 6 months). Should failure occur within the temporary coldmix surface during the maintenance period, the permit holder shall be liable for the repairs;
- 8. The permit holder shall ensure that during the backfilling operation, specified materials have been used, and specified layer thicknesses and densities have been achieved;
- 9. Council reserves the right to levy an additional charge for its testing and inspection should a trench continually fail and becomes necessary to carry out repeated tests;
- 10. Where a work may be subject to erosion, appropriate erosion and sedimentation controls shall be implemented in accordance with current standards and EPA requirements;

11. Bulkheads shall be drained in accordance with Council standards and all trenches shall be dewatered at regular intervals into Council's pipe stormwater system without contravening to EPA regulations;
12. Build up of sub-surface water at manholes should be avoided and where possible to redirect sub-surface drainage paths, including those through private property, should be dewatered into Council's stormwater system.

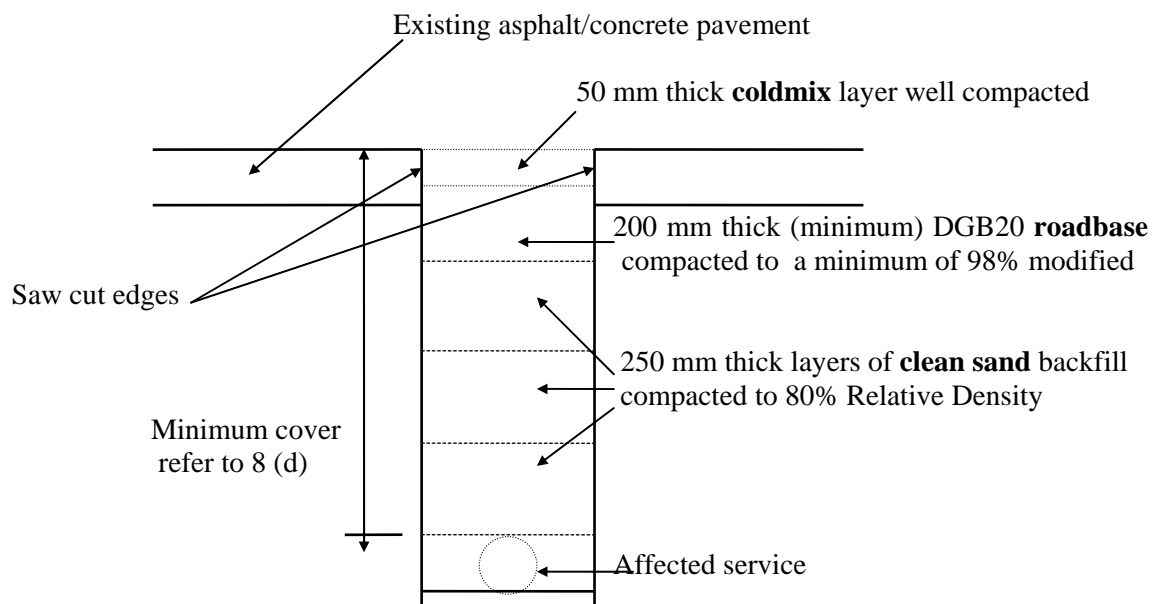


FIGURE 1

TRENCH BACKFILLING - CROSS SECTION

CONTACT DETAILS

For any further details or assistance please do not hesitate to contact Council's Roads & Pavements Officer on 9942 2119.