

DEPARTMENT of INFRASTRUCTURE, ENERGY and RESOURCES
TASMANIA ROADWORKS SPECIFICATION

R21 – Clearing and Grubbing
March 2009

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R21.1 SCOPE

This specification sets out the requirements for the removal and disposal of trees, brush, logs, roots and other deleterious matter resting on or protruding through the original ground surface over the specified areas within the Limits of Contract.

It shall also include the removal and disposal of incidental structures that may interfere with construction within the work areas.

R21.2 WORK DETAILS

R21.2.1 EXTENT OF WORK

The area to be cleared shall be within the limits of the earthworks only, and such other areas that may be indicated on the Drawings, the project Specification and in accordance with all environmental requirements.

Any tree or hedge trimming required for the works shall be kept to a minimum. Where there are a number of trees, shrubs, hedges, grasses and other features both inside and outside the boundary which are to be retained, they shall be treated in accordance with Specification R75. These shall be shown on the drawings, flagged on site or nominated by the Superintendent at the environmental site meetings.

All trees within the new property boundary shall be retained if they fall outside the extent of the earthworks unless otherwise specified. Unnecessary "tidying up" of the bush such as scraping and brush clearing shall not be permitted.

R21.2.2 FENCING PRIOR TO WORKS

No clearing or earthworks works shall commence on the site prior to the completion of adjacent fencing sufficient to ensure the adjoining landowners full enjoyment of their property.

R21.2.3 REMOVAL OF MATERIAL

All trees, stumps, roots and brush to be cleared shall be grubbed to a depth of 300 mm below pavement foundation level or finished surface level. Stump Grinding shall also be to a depth of 300mm.

All material cleared and grubbed from the site shall become the property of the Contractor who shall be responsible for its disposal.

Material cleared and grubbed shall not be permitted in embankments and logs shall not be placed under embankments to act as retaining walls.

R21.2.4 REMOVAL OF INCIDENTAL STRUCTURES

Incidental structures shall be removed and the ground levelled to natural surface. All material shall become the property of the Contractor who shall be responsible for its disposal. Removal of structures below ground shall be carried out in such a manner that the areas are adequately drained throughout the construction period.

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R21.2.5 PRESERVED AREAS

The Contractor shall not fell trees or otherwise damage areas indicated for preservation on the Drawings, flagged on site or as identified during the Environmental Site Meeting at the start of the Contract.

The Contractor shall not cause permanent damage to vegetation in areas outside those covered by clearing and grubbing works. He shall not cause any damage to vegetation or features of the site in areas indicated on the Drawings, flagged on site or identified during the Environmental Site Meeting.

R21.2.6 RESTORATION OF CLEARED SITE

Cleared areas outside those that will be occupied by earthworks shall be restored to a uniform surface. Holes left by clearing and grubbing or removal of incidental structures shall be backfilled with soil, free of rocks and clay lumps greater than 75 mm, and compacted to conform with the density of the surrounding material.

R21.3 PAYMENT

Payment shall be based on the item quoted in the Schedule of Rates, which shall include the cost of disposing of cleared and grubbed material, removal of any incidental structures not covered separately in the Schedule of Rates, and restoration of the cleared site.

R21.4 HOLD POINTS

The following hold points have been identified in this specification.

Hold Point	Works Held	Ref.
Completion of adjacent fencing	commencement of clearing or earthworks	R21, R72
Installation of Environmental Site Protection Fencing	commencement of clearing or earthworks	R21, R75