# CLEARING, GRUBBING AND REHABILITATION

DIPL Roadworks Master – July 2023

## General

SPECIFICATION REFERENCE; Refer to the Standard Specification for Environmental Management reference text.

BURNING; Do not light fires or burn any demolished material or vegetation either on or off the site.

## Clearing

DEMOLITION; Remove fencing, buildings, kerbing, debris, drainage structures, old road surfaces and other structures as required.

REMOVAL; Except for materials to be salvaged and retained by the Superintendent take possession of demolished materials and remove them from the site.

SALVAGED ITEMS; [enter information]

[ Give a list of items to be salvaged ]

EXTENT; Clear the site only to the extent shown on the drawings and specified in this section.

ACCESS; Allow 3 metre wide cleared access ways around proposed culverts, gravel pits and stockpiles.

EXCESS CLEARING; Where excess clearing has taken place beyond that specified or shown on the drawings pay compensation for the damage and rehabilitate the areas in accordance with the Reinstatement clause in this work section.

COMPENSATION; Pay compensation (To be charged as a negative variation to the Contract) for excess clearing at the rate of $5 per square metre.

[ Adjust this figure as required for particular contracts ]

## Trees To Be Retained

Retain selected trees shown on the drawings or as directed.

[ Nominate tree locations by chainage and offset and mark individual trees with paint or a stake. ]

PROTECTION; Protect from damage trees which are required to be retained. Do not remove topsoil from the areas within the dripline of the trees and keep the area free of construction equipment and materials.

DAMAGE; If a tree, which is marked to be retained, is damaged and repair work is considered impractical, or is attempted and fails, remove the tree and the root system, if so directed. Replace the tree with a tree of the same species and similar condition and size or pay compensation.

Compensation for damage to existing vegetation shall be borne by the Contractor as a negative variation to the Contract and determined as follows:

1. Tree valuation rate: $10 per cm. of tree circumference at a height 1 m above the ground.
2. Maximum valuation: $2500 per tree
3. Minimum valuation: $250 per tree

## Mulching

GENERAL; Mulch all cleared vegetative matter in mechanical brush chippers to a maximum size of 100 mm as the clearing work proceeds. Do not stockpile cleared material for later mulching.

STUMPS; Stumps and other material unsuitable for mulching may be buried in disused gravel pits during rehabilitation of the pits.

GRASSES; Do not mulch grass clods, roots or other components containing viable propagules. This material may be buried in disused gravel pits.

STOCKPILES; Stockpile mulched material on the site at a maximum height of 2 m for use during reinstatement work.

URBAN AREAS; Stockpile mulch on the site for reuse and deliver surplus mulch as directed by the Superintendent (within 10 km of the site) for use in local landscaping projects.

RURAL AREAS; Stockpile mulch on the site for reuse and power blow surplus mulch into the adjacent natural vegetated areas adjacent to the works.

[ Edit the text to suit the particular project ]

## Stripping Of Top Layer

EXTENT; Strip the top layer of natural material to a depth of 100 mm, for the full formation width.

Stockpile stripped material at sites within 1 km of the point of origin. Stockpile heights not to exceed 2.0 m.

Spread stripped material on areas to be landscaped and/or on road batters and/or on other disturbed areas, following completion of earthworks.

## Treatment Of Existing Sealed Surface

Rip the existing sealed surface.

Conform to the following:

|  |  |
| --- | --- |
| **Table - Treatment of existing sealed surfaces** | |
| **Specified cover over existing seal** | **Maximum seal fragment size** |
| Fill depth 500 mm or greater | 1 m2. |
| Fill depth less than 500 mm | Remove seal from site. |
| Pavement re-sheeting only | Remove seal from site and replace with similar volume of pavement. |

## Scarifying Of Existing Roads

Scarify, both longitudinally and laterally, for the full width of the formation by ripping to a depth of 250 mm resulting in a maximum size of demolished seal of 100mm.

Tyne spacing to be 500 mm maximum.

Demolished seal may be buried in table drains if approved by the Superintendent. Provide 200 mm cover to buried material.

If the material cannot be buried in table drains, rip and process the seal to 20mm to 30mm pieces then reuse the material.

Alternatively, legally dispose of demolished seal off site.

[ Delete these clauses if not relevant to this project ]

## Grubbing

Grub out and remove from the site all vegetation to a depth of 200 mm below subgrade surface in cut and 200 mm below natural surface under fills.

Fill grub holes and other excavations as required with standard fill material compacted to the density of the surrounding soil.

## Reinstatement

Reinstate any clearing undertaken during the contract to rehabilitate the area back consistent with its untouched surrounds. This includes seeding, planting, watering and other measures necessary to rehabilitate the area.

MULCH; Spread mulched material over the rehabilitated area, including batters and verges, to a uniform cover of 50 mm thickness.

DETOURS; Where detours are specified in the PROVISION FOR TRAFFIC section or otherwise agreed to, rehabilitate the detour areas in accordance with the requirements of this section.

## Cleaning Up

Remove all excess fill, rubble and other debris from the site. Dispose of the materials using a legal method.