

This specification outlines the requirements for the reinstatement and cleaning all roads, ditches, other trenches, footpaths, sodded and other surfaces disturbed or damaged during the construction of the work.

REFERENCES

This specification refers to the following standards, specifications, or publications:

ASTM International

D698-12 Standard Test Methods for Laboratory Compaction Characteristics of Soil
Using
 Standard Effort (12 400 ft-lbf/ft³ (600 kN-m/m³))

PART 1 – GENERAL CONDITIONS

- .1 Conduct cleaning and disposal operations to comply with local ordinances and anti-pollution laws.
- .2 Store volatile wastes in covered metal containers and remove from premises daily.
- .3 Prevent accumulation of wastes which create hazardous conditions.
- .4 Provide adequate ventilation during use of volatile or noxious substances.
- .5 On a daily basis maintain project site and adjacent public and private properties free from debris and waste material.
- .6 Remove waste materials, noxious or offensive matter, and rubbish from site and provide legal disposal. Comply with any directions or precautions issued by the Consultant.

PART 2 – GENERAL REINSTATEMENT

- .1 Reinstatement, restore and make good all roads, ditches, other trenches, footpaths, sodded and other surfaces disturbed or damaged during the construction of the work, to the satisfaction of the property owners and Consultant.
- .2 Replace or repair any pavement, trees, shrubbery, fences, retaining walls, poles or other property and surface structures which have been removed, damaged, or disturbed during the work.
- .3 Provide new materials for reconstruction of property and surface structures where original materials are not reconstructible as directed by Consultant.

- .4 Restore, unless otherwise stipulated, all pavement, granular base or surfacing materials, side walks, curbing, gutters, shrubbery, poles, sod or other property, and surface structures removed or disturbed as a part of the work to a condition equal to that before the work began, furnishing all labour and materials incidental thereto. No permanent pavement or new gravelling shall be placed unless instructed by the Consultant, and then not until, in the opinion of the Consultant, the condition of the backfill and subgrade is such as to properly support the pavement.
- .5 Permanently provide for and maintain the flow, where required, of all sewers, drains, and all water courses which may be met with during the progress of the work.

PART 3 – FINAL CLEANING OF SITE

- .1 Remove all surplus materials, tools and temporary structures from the site.
- .2 Remove all surplus usable materials furnished by the Owner from the site and deliver to locations designated by the Consultant.

PART 4 – MAINTENANCE

- .1 Following the issuance of the Certificate of Substantial Performance, maintain the surface of paved or unpaved trenches, curbs, side walks, gutters, shrubbery, fences, sod, and other surfaces or structures disturbed by the works for the specified maintenance period.
- .2 Maintenance of reinstatement, partial reinstatement, repairs, replacement or restoration until spring start up will be:
 - .1 At the contractor's expense where the continuance of the contract beyond November 15th is under the contractor's control;
 - .2 At the Owner's expense where completion of the contract beyond November 15th is under the owner's control.

PART 5 – REINSTATEMENT OF ROADS

- .1 Return all roads to their original or better condition.
- .2 All structures placed in a roadway shall be bedded in a firm, well compacted foundation. Backfilling of these structures must be compacted in an approved manner in order to prevent undue settlement. Material for backfilling shall be that excavated or similar to that of which the subgrade is constructed. Compaction specified as:

Subgrade: 95% of the maximum standard proctor dry density (ASTM D698-12) Subbase: (granular) 100% (ASTM D698-12)

Asphalt: 100% (ASTM D698-12)

- .3 On gravelled surface roads or gravelled shoulders, backfilling with excavated or similar material must be carried on such that a minimum thickness of 150 mm of Class 'A' granular base course or other approved base course material can be placed below the surface grade.
- .4 Repair any undue settlement occurring within one year of the completion of the project. Where in the Consultant's opinion permanent repairs to the asphalt pavement or granular surface cannot be undertaken, an asphalt patch or granular surface will be placed by the Contractor and replaced at a convenient time (usually the following year). Both installations shall be at the Contractor's expense.
- .5 The Contractor is responsible for any damage which may be caused to the road or adjoining property during or as a result of this work.

PART 6 – BASIS OF PAYMENT

- .1 Except as indicated in these Specifications or in the Schedule of Quantities and Prices no separate or direct payment will be made for reinstatement.
- .2 With failure of the Contractor to carry out reinstatement within a reasonable period of time, the Consultant may authorize to have the work carried out by others at the expense of the Contractor. The Consultant will give the Contractor written notice before taking action.
- .3 Payment for removal and replacement of existing asphalt pavement shall be to Section 02574.
- .4 Landscaping, topsoil reinstatement, fertilizing, limestone and sods will be in accordance with Section 02104, with Payment based on theoretical disposal field dimensions.
- .5 Class "A" (Granular Base) reinstatement for roads and shoulders of paved roads will be in accordance with Section 02233. Cost for the supply and placement of Class "A" shall be considered incidental to Patching of Asphalt, with all costs associated with it to be included with the per m² Unit Price for the Supply and Placement of Asphalt.