

SECTION 520

STORAGE OR DISPOSAL OF OLD ASPHALTIC PAVEMENT

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520.01 SCOPE

This specification covers the requirements for the cutting and excavation of asphaltic pavement, together with either the storage of the debris, or the disposal of the debris.

520.02 EXCAVATION

The Contractor shall cut and excavate the asphaltic pavement from within the limits staked by the Owner's Representative. Cuts shall be made using an approved pavement cutter. The cuts shall be made straight and vertical and be made in such a manner that will allow neat tie-ins with new pavement.

Care shall be taken in excavating the pavement so as not to contaminate the underlying granular base course. In the case when the asphaltic pavement debris is to be stored, care shall also be taken not to excavate underlying granular materials with the pavement.

Pavement debris shall be broken into pieces of greatest dimension not more than one metre in length.

520.03 STORAGE

Where the contract item designates that old asphaltic pavement is to be stored, the Owner's Representative shall select a site where all the excavated asphaltic pavement is to be stockpiled. The site shall comply with requirements of Section 830.

The stockpile shall be made on a flat well drained area on firm ground so that the asphaltic debris will not become contaminated with deleterious materials when it is moved at some future date prior to recycling.

Should the Owner's Representative require that grading work be carried out to prepare the stockpile site, then such grading shall be carried out and paid for in accordance with Section 206 and Section 204.

After any required grading operations have been completed, the stockpile site shall be treated with an even mat of Granular "A" 100 millimetres thick. The Granular "A" mat shall be supplied and paid for in accordance with the contract price for Granular "A".

Old asphaltic pavement that is to be stored shall be handled, transported, and stockpiled at all times in such a manner that will avoid contamination by any deleterious material.

The pavement debris shall be hauled to the stockpile site and spot-dumped and levelled and then succeeding loads shall be dumped and levelled on top of the others to form a neat, unified, elevated stockpile.

520.04 DISPOSAL

On those jobs where the contract item states that the old asphaltic pavement is to be disposed of, then the old asphaltic pavement debris for disposal shall become the property of the Contractor.

If the Contractor wishes, the Contractor will be permitted to use Recycled Asphalt Pavement (RAP) in levelling course asphalt. The amount of Recycled Asphalt in the mixture of RAP plus Virgin Aggregate will be limited to a maximum of 10%.

In addition, the Contractor will be permitted to use RAP in Granular "B". The Recycled Asphalt in the mixture of Virgin Granulars plus RAP will be limited to a maximum of 30% under the asphalt and 50% in the granular shoulders.

The Department reserves the right to accept or reject any particular source of RAP, irrespective of its quality.

As approved by the Owner's Representative, the Contractor shall be permitted to use old asphalt pavement in shouldering operations and as a surface stabilizer on gravel roads. The latest Department procedure for these operations shall be strictly adhered to by the Contractor in these operations.

The Contractor shall be aware of Division 8.

520.05 MEASUREMENT FOR PAYMENT

Measurement for payment will be by means of the volume of pavement excavated from within the required limits, calculated as the product of the exposed surface area of the excavated pavement before removal, times the centreline thickness of the asphalt and shall include any cutting required to complete the excavation. Should individual areas of asphalt removal exceed 100 metres in length, then the thickness used for volume calculation will be the average of the thickness of the asphalt measured at 100 metre intervals.

The volume of the excavated pavement shall be calculated in cubic metres rounded to one decimal place.

520.06 BASIS OF PAYMENT

520.06.01 Basis of Payment for Storage of Old Asphaltic Pavement

Payment at the contract price for storage of old asphaltic pavement hauled 1 kilometre or under, shall be payment in full for all labour, materials, and use of equipment to: cut and excavate the old pavement, break-up the pavement, transport the debris up to 1 kilometre, and place the debris in a stockpile.

However, where the Owner's Representative requires that excavated material be hauled in excess of the 1 kilometre freehaul before being stored, additional payment for overhaul will be made in accordance with Section 215, at the appropriate rate for overhaul on excavation other material.

In the case of storage of old asphaltic pavement, the grading of the stockpile floor and the supply and placing of the Granular "A" mat for the stockpile shall be paid for in accordance with Section 206 and Section 315 for Granular "A", respectively.

520.06.02 Basis of Payment for Disposal of Old Asphaltic Pavement

Payment at the contract price for disposal of old asphaltic pavement, shall be payment in full for all labour, materials, and use of equipment to cut and excavate the old pavement, and provide all transportation and any other costs to remove the debris from the site.