

SECTION 485

INSTALLATION OF ASPHALT CURB

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485.01 SCOPE

This specification covers the requirements for the installation of asphalt curb on top of existing pavement. See Form 1274.

485.02 MATERIALS

Material for use in constructing the asphalt curb shall comprise hot asphaltic mix conforming to the requirements for surface course, as set forth in Section 330, 332 and 333, as appropriate.

Tack coat shall be used to prepare the paved shoulder for the curb and to be used in finishing the asphalt curb. Tack coat shall conform to the requirements stipulated in Section 320.

485.03 EQUIPMENT

The asphalt paver shall be supplied with a template capable of being attached to the paver so that the required cross section is provided or as accepted by the Owner's Representative

The hand operated roller for compacting shall weigh not less than 135 kilograms.

The equipment shall meet the approval of the Owner's Representative, before it may be used in the work.

485.04 CONSTRUCTION

If there is no existing paved shoulder on which to construct the asphalt curb, then paving operations to provide a paved shoulder shall be completed, before installing the asphalt curb.

The surface of the existing asphalt on which the asphalt curb is to be placed shall be cleaned, and all dirt, and all loose and broken materials shall be removed.

The existing asphalt shall be treated with tack coat prior to installation of the asphalt curb. The tack coat shall extend for the full length of the proposed curb, and shall be of a width extending 150 millimetres, from the proposed back of the curb, towards the proposed front.

The tack coat shall be allowed to dry until it reaches the required state of tackiness before the curb is placed.

Asphaltic mix shall not be placed unless the surface is dry and the air temperature is at least 7 degrees Celsius.

The asphalt curb shall be constructed using the approved asphalt paver and template or as accepted by the Owner's Representative. The asphaltic mix shall be placed to the dimensions after compaction, as shown on Form 1274. The asphaltic curb shall be constructed to the lines required by the Owner's Representative.

The asphalt curb shall be compacted using the hand operated roller. However, in areas that cannot be reached by the roller, the compaction shall be carried out with hot hand tampers.

The surface of the asphalt curb after compaction shall be of uniform texture, smooth and true to the required lines and cross section. The finished surface shall be free from depressions exceeding 3 millimetres as measured from the bottom edge of a 3 metre straight edge placed anywhere along the surface of the curb and parallel to the edge.

485.05 MEASUREMENT FOR PAYMENT

Measurement for payment for the installation of asphalt curb, shall be the length in metres, rounded to one decimal place, as measured along the roadside face of the curb.

Curb installed outside of the lines required by the Owner's Representative will not be measured for payment.

485.06 BASIS OF PAYMENT

Payment at the contract price for installation of asphalt, curb shall be compensation in full for all materials, labour, and use of equipment: to supply all materials including surface course asphaltic mix and tack coat, to clean the surface on which the curb is to be placed, to apply tack coat to the underlying shoulder, to construct the curb to the required lines and section, to compact the curb.

The Contractor shall allow for in their price all costs associated with any hand work required to carry-out the work as described in this specification.

Should pavement be required to widen existing pavement to construct a base for the curb, then such pavement shall be compensated for separately, in accordance with the provisions of Section 330, 332 and 333, as appropriate.