

Payment will be made under:

Item No.	Pay Item	Pay Unit
7201000	Concrete Curb (9" X 15")	Linear Foot
72020X0	Concrete Gutter (<i>type</i>)	Linear Foot
7203XX0	Concrete Curb and Gutter (<i>size</i>)	Linear Foot
7204100	Concrete Sidewalk (4" Uniform)	Square Yard
7205XX0	Concrete Driveway (<i>thickness</i>)" Uniform)	Square Yard
7206000	Concrete Median	Square Yard

SECTION 721

BITUMINOUS CURB

721.01 Description. This work shall consist of placing a bituminous concrete curb conforming to the configuration shown on the plans on a prepared subgrade or other surface in accordance with these specifications and to the lines and grades furnished by the Engineer.

721.02 Materials. The materials shall conform to the requirements set forth in Section **403**, *Hot Mix Asphalt Concrete Surface Course*. All requirements pertaining to the manufacture and hauling of the bituminous mixture specified in Sections **401** and **403** shall apply.

CONSTRUCTION REQUIREMENTS

721.03 Equipment. Bituminous curb shall be constructed by use of a self-propelled automatic curb machine or a paver with curbing attachments.

The automatic curb machine shall meet the following requirements and shall be approved prior to its use:

1. The automatic curb machine shall be so constructed and so operated to consolidate the mixture to produce a dense mass free of voids.
2. The machine shall form the curb true to line and grade and to a uniform shape and texture.
3. The Engineer may permit the construction of curb by means other than the automatic curb machine, when short sections or sections with short radii are required, or for other reasons deemed to be warranted. The resulting curb shall conform in all respects to the curb produced by the use of the machine.

721.04 Weather and Surface Temperature Restrictions.

Bituminous curb shall not be constructed when the pavement or base is wet or frozen.

721.05 Preparation of Bed.

A. Subgrade. When the curb is to be placed directly on the subgrade, the subgrade shall be prepared in accordance with the requirements set forth in Section **208**.

B. Existing Pavement or Base. When curb is to be placed on a portland cement concrete base, bituminous pavement or other bases, they shall be thoroughly swept and cleaned using compressed air and/or other cleaning methods as necessary to provide a clean surface. The surface shall be thoroughly dried and, when directed by the Engineer, a tack coat of bituminous material as set forth in Subsection **401.28** shall be applied. During application, the Contractor shall prevent the spread of the tack coat to areas outside of the area occupied by the curb.

721.06 Backfilling. Backfilling, when required, shall be performed after the curb has reached ambient temperature and shall be performed promptly to afford support and pro-

tection. Backfilling shall be accomplished using such methods, equipment, and compaction to prevent damage to the curb and to obtain satisfactory results.

721.07 Painting and Sealing. When sealing or painting is required, it shall be performed only on a curb that is clean and dry and that has reached the ambient temperature.

721.08 Method of Measurement. Bituminous Curb will be measured by the linear foot along the front face of the section at the finished grade elevation. No deduction in length will be made for drainage structures installed in the curb such as intake spillway assemblies, catch basins, etc., unless otherwise noted on the plans.

721.09 Basis of Payment. The quantity, measured as provided above, will be paid for at the contract unit price for Bituminous Curb, which price and payment shall be full compensation for furnishing, mixing, hauling and placing all materials, including the asphalt cement in the mix, for fine grading and compacting the subgrade, for the tack coat, backfilling and all incidentals necessary to complete the work except excavation.

Excavation, when applicable, will be paid for as provided in Section **203**.

Payment for this item will include all direct and indirect costs and expenses necessary to complete the work.

Payment will be made under:

Item No.	Pay Item	Pay Unit
7211000	Bituminous Curb	Linear Foot