

**ITEM 0100901**

**BITUMINOUS CONCRETE LIP CURBING**

**DESCRIPTION**

This item shall consist of machine laid Class 3 bituminous concrete constructed on pavement to the dimensions and details shown of the plans, backfilling behind the curb and seeding where necessary.

**REFERENCED ITEM**

Item 0106401

**REQUIRED SUBMITTALS**

None

**MATERIALS**

Materials for the bituminous concrete mixture shall conform to the following:

a.	Aggregate Sieve	Percent Passing
	# 200	2 -8
	# 50	10-30
	# 8	40-70
	# 4	65-87
	3/8"	95-100
	1/2"	100
b.	Bitumen Percent	6-9
c.	Bitumen Temperature (F)	325 Max.
d.	Temperature of mix (F)	265-325
e.	Aggregate Temperature (F)	280-350
f.	Voids	0-4
f.	Stability lb Min.	1000
h.	Flow (inches)	.08 - .18

The asphaltic material for tack coat shall be MC 3000 conforming to AASHTO M-82-75, except that the penetration of residue from distillation shall be 120 to 150.

## **CONSTRUCTION METHODS**

Prior to the arrival of the mixture on the site, the surface of the pavement where the curbing is to be constructed shall be cleaned of all loose and foreign material. The surface, which shall be perfectly dry and clean at the time the mix is placed, shall be coated with an approved tack coat for just prior to placing mixture.

On arrival at the site, the mixture shall be transferred from the truck to the hopper of the curbing machine; and the mixture shall be kept clean and free from dirt or foreign materials at all times.

The surface of the curbing shall be tested with a 10 foot straight edge and any variation from a true line exceeding 1/4" shall be satisfactorily corrected. The only compaction required should be that obtained by the approved mechanical curbing machine.

Where machine work is impractical, the Engineer may permit hand-laid curbing to be constructed.

If the design of the curbing machine is such that the outside wheels operate outside of the curb, the Contractor will be required to obtain a smooth surface by grading and consolidating the area on which the outside wheel of the machine rides, and this work shall be done at his expense.

After the completion of the curbing, traffic shall be kept at a safe distance for a period of not less than 24 hours and until the curbing has set sufficiently to prevent injury to the work. The Contractor is responsible for all damage and repair of the curbing until it is accepted by the City.

## **REPAIR BEHIND THE CURB**

Upon completion of curb installation, the Contractor shall backfill behind the curb with topsoil, salvaged from excavating or with new topsoil. The new topsoil shall conform to the requirements specified under Item 0106401.

The topsoil shall be graded to match the top of curb and existing ground. Fertilizer, lime, seed and mulch, conforming to the material requirements of Item 0106401, shall then be applied in accordance with the Construction Methods of Item 0106401.

The Contractor shall complete the backfill behind the curb within 24 hours of satisfactory curb installation. The loam and seeding up to a maximum of 12" behind the curb and any unnecessary damage done by the Contractor shall be the responsibility of the Contractor.

**METHOD OF MEASUREMENT**

This work will be measured for payment along the top of the curb and will be the actual number of linear feet of bituminous concrete lip curbing completed and accepted.

**BASIS FOR PAYMENT**

This work will be paid for at the contract unit price per linear foot for "BITUMINOUS CONCRETE LIP CURBING" complete in place, which price shall include all materials, loaming, seeding, equipment, tools and labor incidental thereto.

<b><u>PAY ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>PAY UNIT</u></b>
0100901	Bituminous Concrete Lip Curbing	LF