

STATE OF NEW JERSEY  
DEPARTMENT OF TRANSPORTATION  
ROADWAY DESIGN GROUP 1  
SAWCUT VERTICAL CURB SPECIFICATIONS

**SECTION 607 – CURB**

**607.01 DESCRIPTION**

THE FOLLOWING IS CHANGED:

This Section describes the requirements for constructing concrete curb, granite curb, and HMA curb, for resetting granite curb, and for cutting concrete vertical curb.

**607.02 MATERIALS**

**607.02.01 Materials**

THE FOLLOWING IS ADDED:

Epoxy Waterproofing ..... 912.02.02

**607.02.02 Equipment**

THE FOLLOWING IS ADDED:

Vertical Curb Saw ..... 1008.07

THE FOLLOWING SUBSECTION IS ADDED:

**607.03.08 Sawcut Vertical Curb**

The RE will determine if the existing concrete vertical curb is suitable for saw cutting. Construct cast in place curb as specified in 607.03.02 if the existing curb exhibits visible cracking or deterioration or both.

Provide a concrete vertical curb saw as specified in 1008.07. Construct erosion control measures as specified in 158.03.02. Set the concrete vertical curb saw height to the desired vertical curb face height. Sawcut the vertical curb to ±1/2 inch of the desired curb face dimension. Sawcut grooves as specified in 507.03.02.L to transition height differentials.

Finish the sawcut concrete vertical curb as specified in 607.03.01.E. Seal sawcut concrete with epoxy waterproofing as specified in 504.03.03. Prepare sawcut surface of concrete vertical curb according to manufacturer’s directions before applying epoxy waterproofing.

Dispose of cut material as specified in 201.03.01.H.

**607.04 MEASUREMENT AND PAYMENT**

THE FOLLOWING ITEM IS ADDED:

<i>Item</i>	<i>Pay Unit</i>
SAWCUT VERTICAL CURB	LINEAR FOOT

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**SECTION 1008 – MISCELLANEOUS EQUIPMENT**

THE FOLLOWING SECTION IS ADDED:

**1008.07 CONCRETE VERTICAL CURB SAW**

Provide a power-driven vertical curb saw with horizontally-oriented blade capable of sawing to the required dimensions without causing uncontrolled cracking. Equip the vertical curb saw with water-cooled, circular, diamond-edge blades or abrasive wheels, and alignment guides. Ensure that the vertical curb saw is capable of immediately collecting the slurry produced from the operations. The Contractor may use a vertical curb saw that does not collect slurry if the RE approves an alternate slurry collection method.

When sawcutting grooves, use a multi-bladed saw with an adequate number of blades and alignment wheels.

Provide within the Project Limits spare saw blades and at least 1 standby saw that meets the above requirements.