

TOWN OF TRUMBULL  
PUBLIC WORKS DEPARTMENT  
INSTALLATION OF EXTRUDED CURBS ON NUTMEG DRIVE AND COMMERCE DRIVE

SPECIFICATIONS

BID NUMBER 6110

Due: APRIL 14, 2015 at 2:00PM

**ITEM #0811002A - EXTRUDED CONCRETE CURB**

**8.11.01 – Description:** Work under this item shall consist of the preparation of the bituminous concrete base and installation of extruded Portland cement concrete curbing in accordance with the dimensions and details shown on the plans or as ordered and in conformity with these specifications.

**8.11.02 - Materials:** - Materials: The concrete for the extruded concrete curbing shall be air entrained and shall be designed to include a minimum of 620 lbs portland cement, approximately 2,100 lbs State of Connecticut approved concrete sand and 1,150 lbs 3/8" aggregate per cubic yard. The concrete shall have a minimum 28-day compressive strength of 4,000 psi. The concrete shall contain a minimum of 1 lb. of fiber mesh reinforcement per cubic yard. The concrete shall meet the requirements of Article M.03.01 and ASTM C94 Ready Mixed Concrete.

Concrete adhesive shall be Sika Latex, Lara Crete 40, Concrete Paste LPL or approved equal designed to bond new concrete to existing bituminous concrete pavement.

Joint filler shall conform to the requirements of Article M.03.01.

**8.11.03 - Construction Methods** - Construction Methods: Extruded concrete curb shall be installed on the base course of bituminous concrete pavement. Prior to installation, the bituminous concrete base course shall be thoroughly cleaned to remove all dust, dirt, oil and other deleterious materials. Bituminous concrete shall be cleaned using high pressure water washing or abrading.

Extruded concrete curb shall be bonded to the bituminous concrete base course  
Using concrete adhesive. Follow manufacturer's instructions for concrete adhesive installation.

Tool control joints at intervals not to exceed nine (9) feet. Install additional control joints where required on radii.

The finished curb shall be cured in conformance with the requirements of Article 4.01.03.  
Liquid membrane-forming cure shall be utilized.

**8.11.04 - Method of Measurement:-** 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 concrete curbing completed and accepted.

**8.11.05 - Basis of Payment** - Basis of Payment: This work shall be paid for at the contract unit price per linear foot for "Extruded Concrete Curb" of the type specified, complete in place, which price shall include all materials, equipment, tools and labor incidental thereto; also all excavation, backfilling, disposal of surplus material and drainage openings.

Pay Item  
Extruded Concrete Curb

Pay Unit  
L.F.

