

**ITEM 02608.0112 M - EXPOSED AGGREGATE CONCRETE SURFACING**

**DESCRIPTION:**

This work shall consist of the construction of a portland cement concrete surfacing with an exposed aggregate finish. All work shall be in accordance with N.Y.S.D.O.T. Standard Specifications - Section 608 and as contained herein, and as shown on the plans.

**MATERIALS:**

Materials shall meet the requirements specified in the following subsections of Section 700, Materials.

Portland Cement	701-01
Premolded Resilient Joint Filler	705-07
Wire Fabric for Concrete Reinforcement	709-02
Water	712-01

Also:

Concrete shall meet the requirements of Class A, Section 500, Table 501-3, except type of coarse aggregate shall be as described in Section 703-02, Table 703-2, Screened Gravel, 703-0203.

**CONSTRUCTION DETAILS:**

The general construction details for manufacturing, transporting and placing concrete shall meet the requirements of Section 501, Portland Cement Concrete - General. The exposed aggregate concrete surfacing shall be constructed by a method employing a retarding agent. The concrete shall be poured, screeded and finished, then sprayed with the retarding agent. The surfacing shall be wet-cured using a wet burlap cover for 12 - 16 hours, then the aggregate shall be exposed by washing off the cement paste using a high pressure water hose. The finished product shall have an overall uniform appearance as determined by the Engineer. \* The surfacing shall then be wet-cured using wet burlap covered with polyethylene for seven (7) days, and air-dried for thirty (30) days. The new concrete shall then receive two (2) applications of boiled linseed oil to act as a sealant.

The concrete shall be placed in one course to the full depth shown on the plans.

Wire fabric for concrete reinforcement, subsection 709-02, shall be embedded at mid-depth in the slab, unless otherwise shown on the plans. The wire fabric shall consist of No. 6 gauge wire at 120 mm centers transversely and longitudinally.

A premolded resilient joint filler, subsection 705-07, shall be installed at all joints between surfacing and curb, pavement, building, etc.

**ITEM 02608.0112 M - EXPOSED AGGREGATE CONCRETE SURFACING**

**METHOD OF MEASUREMENT:**

Exposed aggregate concrete surfacing shall be measured by the number of surface square meters measured in place.

**BASIS OF PAYMENT:**

The unit price bid per square meter shall include the cost of preparing the subgrade, all materials, including wire fabric reinforcement, equipment and labor necessary to complete the work as specified except that any necessary excavation and subbase course will be paid for under their appropriate items. Payment at the unit price will be made after the concrete surfacing and curing application have been properly placed.

\* The Contractor shall refer to water pollution control provisions, elsewhere in this contract, that would apply to this operation.