

SECTION 097020
EXPOSED AGGREGATE FINISH FOR CONCRETE SIDEWALKS (S-51)

1. DESCRIPTION

This specification shall consist of exposed aggregate finish, also called "Pea Gravel" or "Pebble Concrete," for sidewalks composed of Portland cement concrete, constructed as herein specified, in conformity with plans.

2. MATERIALS

Materials used shall be the same as specified in Section 025612, Concrete Sidewalks and Driveways". Exposed aggregate shall be from 1/2" minimum to 3/4" maximum in size free from flat pieces, cleaned prior to use.

3. CONSTRUCTION METHODS

Wet over which topping is to be poured, pour concrete, screed and darby. Aggregate to be exposed shall be evenly distributed by hand (approximately 4.25 lbs. per sq. ft.) so the entire surface is completely covered with a single layer (special care shall be taken in covering edges uniformly). Work aggregate into concrete with darby and as soon as surface will support the weight of the mechanic on knee-boards, hand float thoroughly so that all aggregate is completely embedded just below the surface with no holes or openings left in the surface, after which an approved retarder may be applied at the Contractor's option. At the proper time, aggregate shall be exposed by spraying the surface with a garden hose equipped with sprinkler attachment and brushing and flushing the water from the surface without overexposing or dislodging the aggregate. Care shall be exercised in moving over surface during spray and brushing to avoid breaking the aggregate bond.

When completed, the Contractor shall cure the slabs with a clear, non-staining curing compound. See Section 038000, "Concrete Structures" Section 14 for curing specifications.

Just prior to completion of the project, the slabs shall be thoroughly cleaned with water and light muratic acid solution, thoroughly rinsed and completely and evenly covered with "Sono Glaze" as manufactured by Sonneborn Building Products, Inc., or an approved equal glaze.

4. MEASUREMENT & PAYMENT

Unless indicated otherwise in the Proposal, Work and accepted material as prescribed for this specification will be measured by the square foot of surface area of completed. The work will be paid for at the unit bid price under the bid item "Exposed Aggregate" or ACurb Ramp, which price shall be full compensation for preparing the subgrade; for furnishing and placing all materials, including all reinforcing steel, and expansion joint materials; and all manipulation, labor, tools, equipment, and incidentals necessary to complete the work.