

Article IV — Curbing Specifications

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Article IV — Curbing Specifications

§ 56-401 In General.

All curbing hereafter installed in the Borough shall be constructed of concrete and shall be constructed and installed in accordance with the specifications and requirements set forth in this Article.

§ 56-402 Excavation.

Excavation for curb shall be made to a depth of at least twenty-four (24) inches below the curb grade and at least six (6) inches clear of either face thereof. The bottom of all excavations shall be well tamped before forming is placed.

§ 56-403 Materials.

Materials for curbing shall be as follows:

(a) Cement shall be a product of a Portland Cement Institute member conforming to the latest ASTM specifications under Designation C150, Type I.

- (b) Sand shall be clean, hard, coarse, uncoated grains of stone, uniformly graded from coarse to fine to produce a minimum percentage of voids.
- (c) Coarse aggregate shall be crushed stone three-fourths inch (0.75") in size.
- (d) Water shall be clean and fresh.

§ 56-404 Concrete Mixing.

Concrete for curbing shall be mixed as follows:

- (a) All concrete shall be mixed by machine, except when the Borough Inspector shall otherwise permit under special conditions.
- (b) The concrete proportions shall be one (1) part portland cement, two (2) parts sand and four (4) parts crushed stone.
- (c) The mixing of materials shall be done carefully by persons familiar with the technology involved to prevent separation of the component parts of the mixture and to provide dense, uniform concrete, free of voids and free of honeycombing.
- (d) Transit mix or plant mix concrete will be acceptable upon approval of the producer by the Borough Inspector.

§ 56-405 Forms, Finish, and Joints.

- (a) All curbs shall be formed on both faces for a minimum twenty-two (22) inches in height. Forms shall be substantially constructed to ensure against deformation under pressure. All curves and radii shall be formed of curved form sections to provide a uniform curve.
- (b) The outside edge of all curbs shall be rounded with a finishing tool with a minimum radius of one-half (1/2) inch, and the inside edge shall have a light radius to prevent spalling, said edge being likewise tool-made.
- (c) The top surface of all curbs shall be of a smooth flat finish, and the exposed vertical surfaces shall have a smooth rubbed finish accomplished while concrete is still green.
- (d) All curbs shall be cut clean through to consist of sections approximately ten (10) feet long and provided with a three-eighths-inch (0.375") expansion joint of bituminous material at intervals of approximately thirty (30) feet on center.

§ 56-406 Dimensions.

All curbing shall have a width at the top of at least six (6) inches and a width at the bottom of at least eight (8) inches, with the front face having a batter of one (1) in twelve (12). The back face of the curbing may be vertical.

§ 56-407 Prohibited Types of Curbing.

Rolled curbing and integral curb and gutter curbing shall be and are hereby prohibited.

§ 56-408 Repair or Replacement of Existing Curbing.

Where existing curbing requires repair or replacement, the same type of curbing as now exists may be installed in order to provide uniformity.

§ 56-409 Crossovers.

Crossovers shall be so located as to not create or constitute a traffic hazard or create a threat to the safety of the traveling public.