

DOWNTOWN SIDEWALK SPECIFICATIONS

SCOPE

The following Downtown Specifications and Standards are to be used for sidewalk, driveway and curb construction or replacement in the Downtown Area as outlined on drawing 1000.01A. All work within the Right of Way shall be in conformance with the City of Columbia Street and Storm Sewer Specifications and Standards, and these Downtown Sidewalk Specifications and Standards. If a conflict occurs the Downtown Sidewalk Specifications and Standards will govern.

CURBS

The curbs will be placed monolithically with the sidewalk and a saw joint will be provided 6-inches behind the face of the curb for the length of the curb. The curb shall extend a minimum of 6-inches above the existing pavement and 12-inches below the surface of the pavement. Drawing 1000.02 shows curb and sidewalk. Any variations from this standard must have the prior approval of the Director of Public Works.

CONCRETE

All concrete shall be Class A.

SIDEWALK REMOVAL AND REPLACEMENT

Whenever sidewalk is removed and replaced, removals must be made along existing saw joints. Diagonal saw cuts and partial panel replacements are not allowed.

TEXTURE

The sidewalk surface texture required shall be that achieved by brooming with a stiff or medium-stiff broom. The direction of brooming shall be transverse to the long axis of the sidewalk. All edges except sawed construction joints shall be worked with an edging tool to a 1/4-inch radius.

FINISHING OPERATIONS

Concrete finishing operations on downtown sidewalks is extremely critical. The contractor must assume the highest level of diligence in performing finishing operations to produce a high quality, durable surface.

Once the concrete has been placed, it shall be immediately struck off using a uniform strike off device free from any defects. During the strike off operation, a minimum of one inch surcharge must be maintained in front of the strike off screed. The strike off screed operations should, in most instances, seal the surface. Immediately following the strike off operation, a magnesium or aluminum bull float should be used to complete the sealing and consolidation of the surface.

 Approved	<u>1/1/12</u> Date
Revisions	



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1000.01B