

VILLAGE OR WOODSFIELD GENERAL SPECIFICATIONS FOR CEMENT WALKS

SEC. 1. All sidewalk construction and reconstruction in the Village in any public right-of-way shall be installed in conformity to the requirements of this directive and under the supervision of the Street Superintendent and Street Committee.

SEC. 2. The Street Superintendent and Street Committee shall specify the type of construction materials which shall be used for sidewalk construction or reconstruction and shall specify the method of construction to be used for either construction or reconstruction with one or more of the following deficiencies:

- a. Any block, segment or portion of any sidewalk having a crack or opening more than 5/8 inch in width at the surface of the sidewalk.
- b. Adjoining blocks, segment or portion of any sidewalk whose adjacent edges differ in vertical elevation by more than one inch.
- c. Blocks, segments or portions of any sidewalk having holes 3/4 inch or greater in diameter or having surface fragments loose or missing.
- d. Blocks, segments or portions having depressions which impound mud or water and restrict the free flow of drainage water.
- e. Blocks, segments or portions of sidewalks which are of a rough texture with protruding coarse aggregate, loose aggregate and raveling or spalling of the surface material.

SEC. 3. Sidewalks constructed or reconstructed pursuant to this Section shall conform to the following:

- a. Sidewalks shall be constructed in accordance with the lines and grades directed or stated by the Street Superintendent and Street Committee. Work shall be completed to the satisfaction of the Street Superintendent and Street Committee who shall determine the quality, acceptability, and fitness of all work and materials used or to be used.
- b. Excavation for the walk shall be made to a depth of four (4) inches below the proposed finished grade. Tree roots shall be cut off at least three (3) inches outside the lines of the proposed walk and three (3) inches below the subgrade or as directed by the Street Superintendent and Street Committee. Tree stumps shall be grubbed out six (6) inches below grade.
- c. The walks shall be four (4) inches in thickness (walks across driveways and driveway aprons shall be seven (7) inches in thickness) and of one course construction, being laid directly on the prepared subgrade. They shall be composed of Class "C" concrete.
- d. Sidewalks shall have a minimum width of four (4) feet.
- e. Sidewalks shall be constructed with a cross slope of 1/4 inch per foot minimum to a 1/2 inch per foot maximum to facilitate drainage.

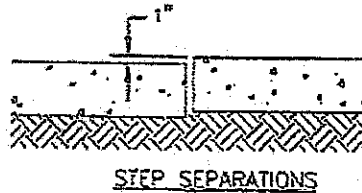
- f. The general contractor shall protect all affected underground utilities and shall notify the proper utility company at least 48 hours before excavating for any sidewalk.
- g. Expansion joints shall be provided at intervals not to exceed twenty-eight (28) feet. Joints shall be made of preformed, non-extruding material, ½ inch in thickness and four (4) inches wide. The same type of joint shall be constructed at all points between the new walk and existing walks, curbs, entrance walks and drives, and around all poles, fire hydrants, inlets, etc.
- h. Forms may be of either steel or sound two (2) inch plank and they shall be straight, true and clean. The forms shall be set true to line and grade and firmly staked down. Where curved walks are required, thin strips of forms that will produce a smooth regular curve shall be used. The alignment, elevation and slope of all walks shall be subject to special directions from the Street Superintendent and Street Committee.
- i. If sidewalk is to be constructed in any part upon fill, the contractor shall place such fill in four (4) inch layers and thoroughly tamp each layer prior to the pouring of concrete.
- j. Concrete for cement walks shall be of plastic consistency and shall be place upon the prepared subgrade in one operation. It shall be struck off and truly straightened, and then neatly hand floated until all coarse aggregate is entirely covered. Before the concrete sets, the surface of the walk shall be cut with a jointer at intervals of four (4) feet and the edges tooled until they are firm and smooth. After the walk has been blocked out, the concrete shall be carefully "floated" to a smooth and uniform surface. Then the margin of each block shall be tooled with the edger or jointer to a smooth, dense finish. These final edger or jointer marks shall not be "floated" out.
- k. During the progress of sidewalk construction the general contractor shall assume the risk of and be responsible for any and all damages to persons or property caused or resulting from performance of the work or the work itself.
- l. Forms shall not be removed from concrete until it is one day (24 hours) old, and in cold weather they shall not be removed until after the concrete has cured. Forms shall be removed carefully in order that the concrete will not be damaged. As soon as the forms have been removed, any honeycomb areas shall be immediately corrected and the edges of the walk coated with curing material. A driveway should not be used for 48 hours at a minimum after pouring.
- m. All surplus or unsuitable excavated materials will be designated as waste and shall be disposed of by the contractor at sites of his own choosing away from the site of the work.

VILLAGE OF WOODSFIELD SIDEWALK REPLACEMENT CRITERIA

If your sidewalk defect meets the following criteria, it may be eligible for the Village of Woodsfield Sidewalk Replacement Program:

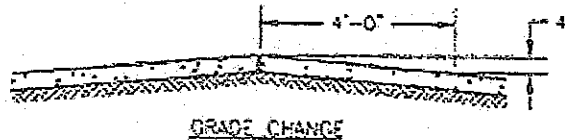
Step Separations

If a sidewalk panel has lifted or subsided, and it is 1" or more higher or lower than an adjacent panel



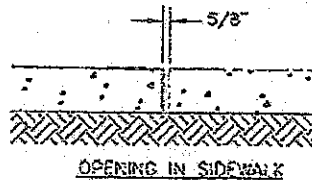
Grade Change

If two sidewalk panels have lifted into a peak, and the peak is 4" or more higher than the level of the sidewalk 4 feet away in either direction



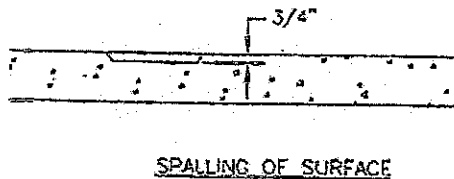
Opening in Sidewalk

If there is an opening in the sidewalk measuring 5/8" or greater



Spalling of Surface

If a chunk of the sidewalk has broken out, and the result is a hole 3/4" or deeper



Sunken Sidewalk

If the sidewalk has subsided, and within a stretch of 8 feet of sidewalk, there is a place that is 3" or more that is lower than the rest of the sidewalk

