



## VILLAGE OF HUNTLEY

### Residential Sidewalk Repair Rebate Program Specifications

The following specifications must be adhered to for sidewalk replacements within the Village:

#### 1. Sidewalk Material:

- a. All sidewalks shall be constructed of Portland Cement Concrete.
- b. Premolded one-half inch thick, full depth bituminous expansion joints shall be placed every 50 feet.
- c. Control joints shall be on five foot centers.
- d. Concrete shall be at least a 6 bag mix, 4% to 6% air entrained, and shall have a slump of not less than two inches nor more than four inches.
- e. Fiberglass reinforced additives shall be used on all sidewalks extending through driveways.
- f. The concrete surface shall be "broom" finished.
- g. All exposed surfaces of concrete shall be protected against rain while curing (3 day minimum).
- h. Curing compound shall meet ASTM C309 specifications.

#### 2. Sidewalk Stone Base:

- a. Sidewalk shall be placed on a minimum of four inches of CA-6 crushed stone or Grade 9 compatible crushed stone. (The use of pea-gravel, loose gravel or sand is expressly prohibited.)
- b. The subgrade shall be adequately moistened before concrete placement.
- c. When the subgrade has been prepared and no sooner than 24 hours prior to placing concrete, the contractor shall notify the Village Inspector that forms are in place and the subgrade is ready for inspection. No concrete shall be placed until the subgrade has been inspected and approved.

#### 3. Cold Weather Requirements:

- a. No concrete shall be placed when the air temperature is below 40° F or is between 40° and 45° F and falling unless approved by the Village Engineer. In no case shall concrete be placed on frozen subgrade.
- b. When the temperature of the air is expected to drop below 40° F within 24 hours after placing, the concrete shall be protected with 9 inches of loose, dry straw and a layer of burlap, or other acceptable material, for a period of at least five days.