

## Sidewalk Concrete Program

The City provides funds toward the cost of concrete for property owners who wish to repair or reconstruct existing public sidewalks or install new public sidewalks. This program is applicable for both residential and commercial properties. Property owners are responsible for providing the labor. Further program guidelines are as follows:

### Rules

- 1.) All applications must be approved by the Public Works Department before any work can begin.
- 2.) All sidewalk work must be done according to the attached "Sidewalk Construction Standards."
- 3.) The City's involvement in non-residential sidewalks is limited to \$500.
- 4.) Property owners may use the City's concrete forms at no charge. Forms must be cleaned and oiled upon their return to the City. If not, the City may assess a penalty of \$50. Should any property owner not pay any amount that is billed, that amount and any administrative costs may be applied to his/her property taxes.
- 5.) The completed project must be approved by the Public Works Department.
- 6.) Once approved, the property owner may submit an itemized bill for the cost of the concrete used for the project. The City will reimburse for the lesser of the cost of concrete or the cost of the amount of concrete for a 4 foot wide, 4 inch thick sidewalk without any additives, rebar, trucking/delivery charges, or other extras.
- 7.) If property owner received a "Sidewalk Inspection Report", the sidewalk must be completed by the due date given for the property owner to participate in the sidewalk concrete program.
- 8.) The City reserves the right to change the rules of this program at any time.

Questions about the Sidewalk Program - Maquoketa City Hall (563) 652-2484

### Sidewalk Construction Standards

- 1.) Concrete. Air-entrained Portland cement with a minimum 4,000 PSI
- 2.) Construction. Sidewalks shall be of one-course construction.
- 3.) Sidewalk Base. Concrete may be placed directly on compacted and well-drained soil. Where soil is not well drained, a three (3) inch sub-base of compact, clean, coarse gravel, sand, or cinders shall be laid. The adequacy of the soil drainage is to be determined by the Building Official.
- 4.) Joint Filler. A one-half (1/2) inch non-extruding type expansion joint shall be provided between all sidewalks and adjoining backs of curbs and between intersecting sidewalks and between sidewalks and driveways.
- 5.) Sidewalk Bed. The sidewalk bed shall be so graded that the constructed sidewalk will be at established grade.
- 6.) Valves Boxes and Manholes. All water valve boxes and manholes shall be adjusted flush with the sidewalk.
- 7.) Length, Width and Depth. Length, width and depth requirements are as follows:

- a.) Residential sidewalks shall be at least four (4) feet wide and four (4) inches thick, and each section shall normally be scored at four (4) foot intervals, but in no case more than six (6) foot intervals.
- b.) Central Business District sidewalks shall extend from the property line to the curb. Each section shall be not less than four (4) inches thick and shall match the width of existing commercial sidewalks.
- c.) Driveway areas shall be not less than four (4) inches thick for residential applications and not less than six (6) inches in thickness for all other applications including alley crossings.
- d.) In areas where sidewalks are something other than 4 feet wide on both sides of a sidewalk meant for reconstruction or replacement, the width of the reconstructed/replaced area may match the existing sidewalks in the immediate area. In situations where a new sidewalk takes off from the end of an existing sidewalk of less than 4 feet in width, the new sidewalk must be at least 4 feet in width.

8.) Location.

- a.) Residential sidewalks shall be located with the inner edge (edge nearest the abutting private property) one (1) foot from the property line, unless the City establishes a different distance due to circumstances such as for the preservation of existing trees.
- b.) Utility companies contemplating the installation of their infrastructure shall not create conflicts or obstacles to the placement of future sidewalks or the reconstruction or maintenance of existing sidewalks. This also applies to streets where sidewalks do not currently exist.

9.) Grade. Curb tops shall be on level with the correct centerline of the street at the established grade.

10.) Elevations. The street edge of a sidewalk shall be at an elevation even with the curb where sidewalks adjoin the curb and one-half (1/2) inch above the curb for each foot between the curb and the sidewalk elsewhere.

11.) Slope. All sidewalks shall slope one-quarter (1/4) inch per foot toward the curb.

12.) Finish. All sidewalks shall be finished with a "broom" finish to provide a non-skid surface.

13.) Curb Ramps for Persons with Disabilities. If a street, road, or highway is newly built or reconstructed, a curb ramp or sloped area shall be constructed or installed at each intersection of the street, road, or highway with a sidewalk or path. If a sidewalk or path is newly built or reconstructed, a curb ramp or sloped area shall be constructed or installed at each intersection of the sidewalk or path with a street, highway, or road. The City will be responsible for the construction of curb ramps.

14.) Maintenance and Repairs. The following is permitted: Grinding may be done to even-out heaved-up sidewalk squares or panels if it results in a compliant sidewalk.

Please note:

Patching material shall not be used to repair defective sidewalks.

New public sidewalks require a building permit.

Questions about sidewalk repair or construction - Public Works Department 563-652-4628