

SIDEWALK CONSTRUCTION GUIDE

Courtesy of the City of Manhattan Risk reduction

WHY AM I BEING ASKED TO REPAIR OR REPLACE MY SIDEWALK?

Kansas State Statute (K.S.A. 12-1808) requires the property owner to be responsible for the maintenance and repair of the sidewalk adjacent to their property. If you received a sidewalk repair notice, Risk Reduction has identified a portion of your sidewalk as being in need of repair. Conditions that require repair or replacement may include settlement, broken or deteriorated concrete, elevation offsets or other similar defects.

WHAT TIMELINE IS ALLOWED TO REPAIR OR REPLACE MY SIDEWALK?

Contact the Risk Reduction Office within 15 days of receiving the notice to establish a reasonable time frame to complete the work. The amount of work to be completed, the weather, and other challenges will certainly be considered as the time frame is set. Typically, a period of 30-60 days is adequate.

CAN I DO THE REPAIR WORK MYSELF?

If you are capable of doing the work to meet city standards (see the back side of this handout), you certainly may do it yourself.

HOW DO I KNOW EXACTLY WHAT TO REPAIR / REPLACE?

The inspector will mark the damaged portions. If you have ANY questions, please call the Risk Reduction Office at 785-587-4506.

DO I NEED A PERMIT?

No, a permit is not required to repair or replace a sidewalk.

WHAT IF A CITY TREE (OR TREE ROOT) IS IN THE WAY?

The City's Forestry Department will assist with any city trees (those between the sidewalk and the curb) that are in the way of sidewalk repair. Please contact them at 785-587-2775.

DO I HAVE TO CALL FOR INSPECTIONS?

After the repair work is complete, please call the Risk Reduction office to schedule an inspection of the sidewalk. NOTE: If you are unsure of any aspect of your work, please call for an inspection BEFORE you pour any concrete.

Risk Reduction
2000 Denison Ave.
Manhattan, KS 66502

Phone: (785) 587-4506
Online: www.cityofmhk.com/riskreduction



City of Manhattan Standards For Design And Construction Of Sidewalks

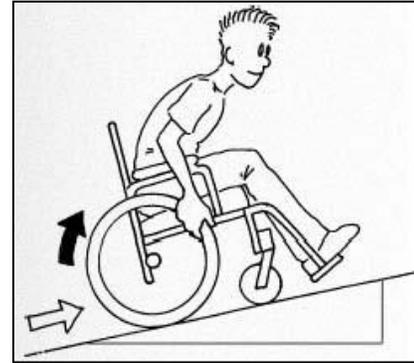
Sidewalks shall be minimum 5' wide (or match the existing sidewalk if larger than 5'), 4" thick minimum, and designed to meet existing sidewalks without trip hazards. The sub-grade shall be firmly compacted, and free of any foreign material before placing concrete.

Expansion joints shall be installed at intervals not to exceed 150' and at each intersection of the sidewalk to other sidewalks, curb ramps, driveways, or structures.

The maximum cross slope for new sidewalks is 2% (1 inch of drop in 50 inches measured perpendicular to the path of travel.) If you are repairing a small section of the sidewalk, and the cross slope exceeds 2%, you may match the original grade. If you are installing a new sidewalk, or replacing all of an existing, the 2% max shall be observed.



Elevation changes should be accomplished in the most gradual way possible. Excessive elevation changes are difficult to navigate, not only for those in wheelchairs, but also for anyone with a physical challenge. Maximum slope for an accessible route shall be 1:20, (1" of elevation change for every 20" of run) and maximum slope for a ramp shall be 1:12 (1 inch per foot.); however, you may match the slope of the street curb.



Steep slopes, for any considerable length, are also difficult to negotiate.

A landing area level in all directions (max 2% cross-slope) shall be provided at the top and bottom of all ramps.

If your sidewalk crosses a driveway, this portion of the sidewalk shall conform to drive way specification and shall have a maximum cross slope of 2%. This area shall be a minimum of 5" thick, reinforced concrete. Inspections are not mandatory prior to placing concrete.

Control joints shall be placed by cutting or grooving the concrete in intervals not to exceed the width of the sidewalk.(i.e. control joints every 5' for a 5' wide sidewalk)

All surfaces shall be uniformly rough to insure a non-slip walking surface. This may be accomplished by using a stiff broom, burlap drag, or other approved means.

Concrete shall be minimum 4000psi mix design.

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