

## POLICY FOR DEFECTIVE SIDEWALK AND DRIVE APPROACHES

### PURPOSE

In an effort to promote safety, as well as improve the appearance of our neighborhoods, the City of Billings adopted a comprehensive policy for construction and repair of sidewalks and drive approaches and other right-of-way features through a construction program administered by the City. This policy sets forth guidelines for determining defects which warrant removal and replacement.

### CRITERIA FOR REPLACEMENT OR REPAIR OF EXISTING SIDEWALK OR DRIVE APPROACH

Any sidewalk or drive approach that is determined to constitute a hazard to pedestrian traffic shall be replaced or repaired. The existence of any of the following deficiencies shall be reason for replacement or repair:

1. Differential settlement or uplift between adjacent sections exceeding one-half ( $\frac{1}{2}$ " ) inch. Exception: Differential settlements between one-quarter ( $\frac{1}{4}$ " ) inch and one-half ( $\frac{1}{2}$ " ) inch may be beveled with a slope not steeper than 50%. Differential settlements greater than one-half ( $\frac{1}{2}$ " ) inch up to two (2" ) inches maximum may be beveled 6" for every one-half ( $\frac{1}{2}$ " ) inch of rise (8.3%).
2. Sections having one full depth crack with a width of one-quarter ( $\frac{1}{4}$ " ) inch or more at any point along the crack.
3. Sections having full depth cracks throughout more than 50% of the surface area regardless of the crack width.
4. Sections having damage in which pieces of concrete are missing or loose.
5. Sections having surface deterioration extending beyond 25% of the surface area such as spalling, popouts or roughness.
6. Sections with general settlement or uplift in which the cross slope grade exceeds 2%.
7. Sections that trap water or does not provide adequate surface drainage.
8. Any other condition identified as defective which may be considered unsafe to pedestrian travel.
9. The minimum area to be removed and replaced shall be the full section between adjacent contraction joints. Patching or grouting will not be an acceptable repair.

### AUTHORITY

As granted in applicable portions of Article 7-1400 and Chapter 22, BMCC.

Approved by:

  
Debi Meling, P.E., City Engineer

Date:

4/20/18