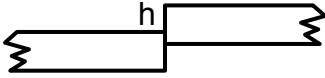
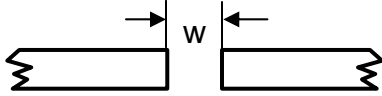
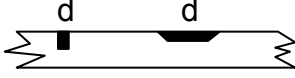
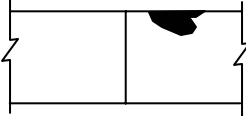
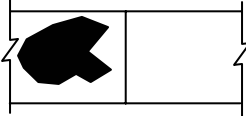
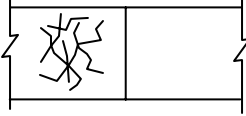
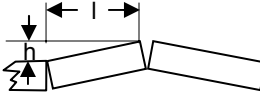
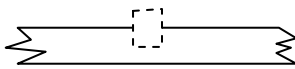


GUIDELINES FOR THE DETERMINATION OF DETERIORATED SIDEWALKS, CURB AND GUTTER

<p>#1 Vertical Displacement</p>  <p>Side View h=height</p>	<p><u>Vertical Displacement.</u> Sidewalk, Curb and Gutter, Driveway Approach. Any displacement greater than one inch (Longitudinal) or greater the one-quarter inch (Transverse) shall be removed and displaced. This criteria applies to all sidewalks, whether adjacent to the curb & gutter or not. However, curb & gutter will be evaluated with regard to storm drain capabilities.</p>
<p>#2 Horizontal Displacement</p>  <p>Side View w=width</p>	<p><u>Horizontal Displacement.</u> Horizontal displacement or crack equal to one inch or more for 50% or more of the gutter pan in the transverse direction (perpendicular to the sidewalk).</p> <p>Note: Also included are longitudinal cracks that appear to impede the function of the gutter pan.</p>
<p>#3 Holes</p>  <p>Side View d=diameter</p>	<p><u>Holes.</u> Holes equal to one inch or more in diameter, and one-half inch or more in depth, located such that they create an unsafe condition.</p> <p>(Patching as an alternative may be allowed)</p>
<p>#4 Missing Portions</p>  <p>Bird's-Eye View</p>	<p><u>Missing Portions.</u> A missing portion of sidewalk, curb & gutter section, nine square inches or greater in area. (A section is defined as an area between any two consecutive construction joints, expansion joints, or score marks).</p> <p>Note: Missing portion should be one-half inch in depth or greater.</p>
<p>#5 Spalling</p>  <p>Bird's-Eye View</p>	<p><u>Spalling.</u> Spalling (missing surface fragments) over 50% of the surface of a sidewalk or curb & gutter. Curb & gutter sections must be spalled to a depth of one-half inch or greater. Sidewalk sections must be spalled to a depth of 3/16 inch or greater.</p>
<p>#6 Cracking</p>  <p>Bird's-Eye View</p>	<p><u>Cracking.</u> Cracking over 50% of the surface of a sidewalk or curb & gutter section.</p> <p>Note: Spider web cracks or surface cracks that have not opened are not included.</p>
<p>#7 Sloping</p>  <p>Side View</p>	<p><u>Sloping.</u> Sloping is an abrupt change in the slope of the sidewalk or curb & gutter of one-half inch per foot or more.</p> <p>l=length h=height slope=height/length</p>
<p>#8 Protrusions</p>  <p>Side View</p>	<p><u>Protrusions.</u> Any abnormal protrusions, depression or inclusion which creates an unsafe condition. As an example, the figure to the left displays a portion of pipe extending from the sidewalk. Patching as an alternative my be allowed.</p>

Note: The above figures only use views of sidewalk sections for simplicity to portray guideline concepts.

Adopted by City Council
10/10/2018

Note: Minimum sections to be replaced shall be from score mark or construction joint to the next score mark or construction joint. Curb and gutter replacement shall be 10 foot minimums.