



<b>Policy No. 42</b>	<b>Page: 1</b>	<b>Page 1 of 1</b>
<b>Authority: Shorewood Village Board</b>		
<b>Date of Issue: May 15, 1995; amended April 1, 2019; modified June 17, 2019</b>		<b>Effective Date: April 1, 2019</b>

The Village Board has adopted Policy No. 36 for the purposes of establishing criteria related to concrete replacement to mitigate trip hazards on public sidewalks. Sidewalk locations with ponding are only addressed by the Village's Sidewalk Replacement Program if adjacent sidewalk slabs require replacement based upon the criteria below. Sidewalk slabs that do not meet the criteria below will not be replaced to correct ponding issues unless requested by the property owner at the property owner's expense. An amendment approved April 1, 2019 establishes criteria related to concrete grinding to address public sidewalk trip hazards.

### **CONCRETE REPLACEMENT CRITERIA**

All concrete surface, for public sidewalks, carriage walks, and curb ramps will be considered defective if one or more of the following applicable conditions exist for the various categories:

1. Sidewalks with pieces that are loose or missing at or near control joints, within the center four feet of a Sidewalk possessing dimensions of at least nine (9) inches by three (3) inches measured at the longest and widest points and a depth of at least ½ inch.
2. Sidewalks with two or more pits or pockets possessing dimensions of at least three (3) inches and a depth of at least ½ inches that is located in the center four feet of a walkway.
3. All concrete which has single or multiple cracks in a slab (excluding control joints) that have opened to a width of ¼ inch for one or two cracks or greater than 1/8 inches for three or more cracks and extend the width of the slab allowing displacement of the underlying base as well as ice formation and resultant heaving.
4. All concrete slabs that have cracks (including control joints) with differential settlement of greater than ¾ inch which may cause tripping.
5. Concrete slabs that have crumbling or deteriorating conditions over at least one square foot of the surface.
6. Individual concrete slabs that are fractured into several pieces.
7. Carriage walks constructed of materials other than concrete which meet the above criteria.
8. Concrete slab is eligible for grinding to correct a trip hazard(s) if the following conditions (a – f) are met. Prior to grinding, the Village will notify the adjacent property owner of the intent to grind and provide the option for replacement at owner's cost according to assessment policy.
  - a. The concrete slab must NOT meet any of the criteria 1-7 identified above.
  - b. The concrete slab must be structurally sound as determined by the Village.
  - c. The existing concrete slab must be at least 4 inches thick.
  - d. The vertical displacement (trip hazard) shall be between ¾ and 1 ½ inches thick.
  - e. The spacing width between adjacent panels shall not exceed ½ inch.
  - f. The grinded surface shall not exceed 12 horizontal: 1 vertical slope.

Note: Americans with Disabilities Act (ADA) standards for new construction require the change in level for ground surfaces to be ¼ inch or less (Section 3.03.2). This criterion does not require replacement of all concrete sidewalk that does not meet ADA requirements for change in level of ¼ inch due to the significant amount of sidewalk replacement which would be required to meet these criteria.