



**Mount Joy Borough
21 East Main Street
Mount Joy, PA 17552**

Mount Joy Borough Policy

Effective: 11 July 2011

Revised:

Reviewed:

**MOUNT JOY BOROUGH POLICY FOR DETERMINING THE CONDITIONS REQUIRING
REPLACEMENT OR REPAIR OF SIDEWALKS AND CURBS**

I. BACKGROUND and GENERAL INFORMATION:

- The Mount Joy Borough Property Maintenance Code requires that all Mount Joy Borough property owners maintain their properties in a state of good repair. In the case of this policy, sidewalks and curbs.
- *The Mount Joy Borough Policy for Survey/Inspection of Sidewalks and Curbs Prior to Paving or Reconstruction of a Street* states that "...when a public street is planned to be paved, whether a Borough Street or PennDOT Roadway, the sidewalks and curbs, including handicap ramps and curb cuts should be surveyed for compliance with the current ADA specifications and the current Borough specifications. Those areas of sidewalk and curb not in compliance with current specifications, must be replaced, repaired or constructed as needed".
- This policy addresses/defines the conditions requiring the replacement of sidewalks and curbs.
- ADA = United States Americans With Disabilities Act and all regulations adopted pursuant thereto.
- Sidewalk Pad = Area of sidewalk bordered by control joints and/or expansion joints.
- Curb Section = Section of curb bordered by control joints and/or expansion joints

II. POLICY

A. SIDEWALKS

1. CRACKS

- a. Vertical Separations- A sidewalk pad with a crack creating a vertical separation of more than one-quarter inch shall be replaced.
 - i. Exception:
 - The uneven surface may be ground to correct the vertical separation.
 - The maximum vertical separation that may be corrected with grinding is two inches, however in no case shall more than one-half the thickness of the pad be ground to correct the vertical separation.
 - All slopes produced by the grinding of pads shall comply with the current ADA specifications.
- b. Horizontal Separations
 - i. A sidewalk pad with a crack creating a horizontal separation of more than one-half inch shall be replaced.
 - ii. A horizontal separation measuring one-half inch between two sidewalk pads or between a sidewalk pad or pads and the curb section or sections caused by missing or disintegrated expansion joint material, may be corrected with the installation of new, one-half inch thick expansion material. The expansion material must meet the specifications of the current Borough Ordinance. The crack shall then be sealed with a suitable non-shrink concrete caulk material according to the manufacturer's directions. The surface shall be finished flush with the existing surface, smooth and devoid of trip hazards.
 - iii. A sidewalk pad with a crack creating horizontal separation of less than one-half inch may be repaired by sawcutting to provide a clean, straight edge on each side of the separation. The crack shall then be sealed with a suitable non-shrink concrete caulk material according to manufacturer's directions. The surface shall be finished flush with the existing surface, smooth and devoid of trip hazards.
 - **EXCEPTION:** this repair will not be permitted in a case where the resulting sawcut crack measures one-half inch or more in width. In that case, the sidewalk pad must be replaced.

2. SPALLING AND CHIPPING

- a. Definition of Spalling- fragmentation/degradation of concrete surface where the surface peels, pops or flakes off.
- b. Policy: Pads with spalling or chipping of 50% or more of the surface shall be replaced. Pads with spalling or chipping of less than 50% of the surface may be repaired with a suitable patching material. The patching material shall be applied according to the manufacturer's directions and shall be finished to provide a smooth surface devoid of trip hazards. The pad shall be replaced if the patching material fails producing a vertical separation of one-quarter inch or more or a horizontal separation of more than one-half inch. Patching over an existing patch is not permitted.

B. CURBS

1. HEAVED, SHOVED, PUSHED CURB SECTIONS- curb sections that are heaved, shoved or pushed more than two inches out of parallel or vertical alignment with the adjacent curb section(s) shall be replaced.
2. CRACKS
 - a. Vertical Separations
 - i. A curb section with a crack creating a vertical separation of more than one-quarter inch shall be replaced. EXCEPTION:
 - The uneven surface may be ground to correct the vertical separation.
 - The maximum vertical separation that may be corrected with grinding is two inches.
 - All slopes produced by the grinding of curbs shall comply with the current ADA.
 - b. Horizontal Separations
 - i. A curb section with a crack creating a horizontal separation of more than one-half inch shall be replaced.
 - ii. A horizontal separation measuring one-half inch between two curb sections or between a curb section or sections and a sidewalk pad or pads caused by missing or disintegrated expansion joint material, may be corrected with the installation of new, one-half inch thick expansion material. The expansion material must meet the specifications of the current Borough Ordinance. The crack shall then be sealed with a suitable non-shrink concrete caulk material according to the manufacturer's directions. The surface shall be finished flush with the existing surface, smooth and devoid of trip hazards.
 - iii. A curb section with a crack creating horizontal separation of less than one-half inch may be repaired by sawcutting to provide a clean, straight edge on each side of the separation. The crack shall then be sealed with a suitable non-shrink concrete caulk material according to manufacturer's directions. The surface

shall be finished flush with the existing surface, smooth and devoid of trip hazards.

➤ EXCEPTION: this repair will not be permitted in a case where the resulting sawcut crack measures one-half inch or more in width. In that case, the curb section must be replaced.

- c. Partial Curb Section Replacement- Partial curb section replacement is permitted as long as the section remaining and the replaced section are a minimum of five feet in length.

3. SPALLING

- a. Definition- fragmentation/degradation of concrete surface where the surface peels, pops or flakes off.
- b. Policy: Curb sections with spalling of 50% or more of the surface shall be replaced. Curb sections with spalling of less than 50% of the surface may be repaired with a suitable patching material. The patching material shall be applied according to the manufacturer's directions and shall be finished to provide a smooth surface. Where applicable, the finished surface shall be devoid of trip hazards. The curb section shall be replaced if the patching material fails, producing a vertical separation of one-quarter inch or more or a horizontal separation of more than one-half inch. Patching over an existing patch is not permitted.

4. CHIPPED CURBS

- a. Chipped areas in curbs two inches or less deep from the existing, undamaged surface at the deepest point and one foot or less in length may be patched with a suitable patching material. The patching material shall be applied according to the manufacturer's directions and shall be finished to provide a smooth surface.
- b. In cases where the chipped area in a curb is greater than two inches deep at the deepest point from the existing, undamaged surface and/or greater than one foot in length, the curb must be replaced.

III. RESPONSIBILITY

- It shall be the responsibility of all Mount Joy Borough property owners affected by this policy to comply with this policy.

IV. DISTRIBUTION

- All individuals affected by this policy.

V. EFFECTIVE DATE

- This policy is effective 11 July 2011

VI. BY ORDER OF

- The Mount Joy Borough Council 11 July 2011