

1. SUBJECT CONCRETE CURB AND GUTTER REPAIRS – NEW RESIDENTIAL DEVELOPMENT ONLY**2. DEFINITIONS**

Concrete curb & gutter is the continuous barrier that separates the roadway with the boulevard. It also carries surface water from the roadway to the storm sewer.

3. DRAWINGS

AS-208 – Curb and Gutter for Asphalt Pavement

AS-216 – Curb Cut Requirements for Various Pavements

4. BEST PRACTICE

Where a deficiency in the curb has been identified, and surface asphalt *has not been* placed, the following practice shall apply:

1. If a crack occurs in between two existing joints and the crack is a minimum of 1.2 meters (4ft) from both joints, then only that section of curb from the crack to either joint will need to be replaced. Otherwise, the entire section of curb and gutter shall be removed to the nearest joint(s).
2. The adjoining asphalt roadway shall also be removed and restored to equal or better condition. The length and width of the section of roadway to be removed shall be determined in the field. As a minimum, the length shall not be less than the section of the curb removed and the width shall be enough that 100% compaction is achieved through mechanical means.
3. Place 0.025m (1/2-inch) expansion joint at the back of curb adjacent to pedestrian wheelchair ramp areas or to isolate existing driveways.
4. Curb to be formed, graded, and poured to match existing curbs. All work in accordance with City Specifications.
5. Restore joints by green sawing or hand tooling to match existing joint pattern.
6. Restore all surfaces behind back of curb, including grass, to City Standards.
7. If existing granular base is identified to be inadequate following curb removal, place and compact a minimum of 300mm (12-inch) of granular ‘A’
8. Surface chips in the curb and gutter with no associated cracking may be repaired using MG Krete or approved equivalent, at the discretion of the City Engineer.

Where a deficiency in the curb has been identified, and surface asphalt has been placed, the repair method will be entirely at the discretion of the City Engineer.

All work to be done to the satisfaction of the City Engineer.

5. RELATED BEST PRACTICES

Landscaping in the Right-of-Way – BP3.2.2

6. RELATED CITY SPECIFICATIONS

S-5 – Concrete Curbs and Combined Curbs and Gutters

S-9 – Concrete

S-10 – Hot Mix, Hot Laid Asphaltic Concrete

S-14 – Sodding

S-15 – Seeding Roadway Areas by Hydraulic Seeding and Mulch Cover Method.

Mario Sonego
City Engineer or Designate

September 11, 2012
Date