



# City of Leduc Policy

**Policy Title: Sidewalk/Curb and Gutter Management**

**Policy No: 32.00:1**

**Revision No: 1**

**Supersedes:** Revision #1  
(October 14, 1997)

<b>Authority: City Manager</b>	<b>Approval Date: 24 June 2020</b>
<b>Responsible Division: Public Services (See list below)</b>	<b>Effective Date: 24 June 2020</b>
<b>Relevant Legislation: Part 13, Division 1, Section 530 and 532, MGA</b>	
<b>Relevant Bylaw and Date(s):</b>	
<b>Relevant Council Resolution: Resolution #311/97</b>	
<b>Authority's Signature: *Signed by Mike Pieters* Acting CAO</b>	

## **Policy Objective:**

To establish priorities and formalize a system of inspection for maintenance of municipal concrete sidewalk/curb and gutters within the City of Leduc.

## **Definitions:**

1. **Sidewalk** means concrete walkway intended for the use of pedestrians between the curb lines of a roadway and the adjacent property lines.
2. **Curb & Gutter** means concrete structure between the roadway and sidewalk/boulevard designed for water runoff and providing a barrier for safety of pedestrian and vehicular traffic.

## **Policy:**

The City of Leduc will ensure that all municipal sidewalks/curb and gutter are managed in an effective and efficient manner to prevent or reduce accidents and injuries. The City of Leduc acknowledges that all sidewalks cannot be maintained in perfect condition due to fiscal and practical constraints. The timing and scope of sidewalk and curb rehabilitation will be planned at the discretion of the Manager of Infrastructure Maintenance, within the scope of the current operating budget, to balance sidewalk safety with other Public Services priorities.

## **Process:**

### **1. Priorities**

All sidewalks within the City shall be classified into 3 major categories based on type and volume of pedestrian traffic (See Appendix A and Appendix B)

- a) **Category A** – Downtown, School, Hospital, Senior Citizens Complexes, Public Facilities. Examples of this section would include high pedestrian traffic volumes which can be found in the downtown core while pedestrians more affected by “walking surfaces” would be found adjacent to senior homes, hospitals and schools.
- b) **Category B** – Pedestrian Collection Corridors. Examples of this section would include sidewalks which provide pedestrians with access to City businesses and facilities from residential areas.
- c) **Category C** – Residential, Light Commercial & Industrial. Examples of this section would include all residential sidewalks, light commercial and industrial area sidewalks, with low pedestrian traffic volumes.

## 2. Inspections

- a) Inspections are to take place as follows:
  - Sidewalks designated as Category A normally shall be scheduled to be inspected on an annual basis.
  - Sidewalks designated as Category B normally shall be scheduled to be inspected every two years.
  - Sidewalks designated as Category C normally shall be scheduled to be inspected on a rotating basis with a maximum time between inspections in a particular area of five years.
- b) Frequency of inspections in all three categories may be over-ridden based on the City’s available resources when instructed by the Director of Public Services.
- c) Inspections will assess the conditions of the sidewalk and curbs based on the following parameters:
  - Vertical Separation and other Trip Hazards
  - Crack Width and Multi-Directional Cracking
  - Spalled Concrete
  - Ponding
  - Settlement/Heaving
  - Remaining Curb Face and Gutter
- d) Inspection results will be recorded through the City’s Asset Management and Work Order System “Cityworks” (See Appendix C).
- e) The City may outsource inspections when warranted by either limited internal resources or to take advantage of inspection related work efficiencies. Outsourced inspections will follow either the City’s inspection criteria or some other standardized inspection practice agreed to by both the City and the Inspection Contractor.
- f) The City does rely on the general public to assist in identifying hazards and defects.

## 3. Repairs and Maintenance

- a) The City will consider all viable options available for repair of the sidewalks, curbs and gutter including grinding, crack sealing, mudjacking, asphalt overlay and replacement.

- b) All repairs and maintenance of sidewalks, curbs and gutter are based on the City's available financial resources.
- c) When assessing the parameters for maintenance of sidewalks/curb and gutters, the following guidelines will be used:
- **Vertical Separation** – Vertical separations exceeding 12mm are reviewed for repair or replacement.
  - **Crack Width** – Cracks under 6mm are not considered for any maintenance. All cracks between 6mm and 12 mm are considered repair or replacement. Cracks over 12 mm are assessed and the sidewalk is considered for replacement.
  - **Multi-Directional Cracking** – Multi-directional cracking is reviewed on a site specific basis. Repair or replacement may occur if there is vertical separation or increased possibility of concrete moving.
  - **Spalled Concrete** - Concrete not normally replaced. Severe cases where spalling exceeds 50% of the sidewalk surface, concrete will be considered for repair or replacement.
  - **Gutter Ponding** – Gutter ponding exceeding 25 mm is reviewed for repair or replacement in overlay areas and downtown business districts. Gutter ponding exceeding 75 mm is reviewed for repair and replacement in all other areas of the City.

## Appendices

Appendix A – Sidewalk Priority Map

Appendix B – Sidewalk Priority Listing

Appendix C – Cityworks Sidewalk Inspection Template