

SECTION 9.0 SIDEWALKS

9.1 Requirements

- 9.1.1 Sidewalks shall be provided along both sides of all streets unless otherwise agreed to in the Development Agreement.
- 9.1.2 Sidewalks along arterial roads shall be separate from the curb by a minimum distance of 1.5 m. Sidewalks along other types of roads shall be monolithic curb and gutter and sidewalk.
- 9.1.3 Walkways shall be provided as indicated in Section 10.7.

9.2 Dimensions

- 9.2.1 The minimum sidewalk width shall be:
 - a) 1.25 m from back of curb to back of sidewalk for local and minor local roadways.
 - b) 1.50 m from back of curb to back of sidewalk for collector roadways.
 - c) 1.50 m for arterial roadways (separate walkway)
- 9.2.2 All lane crossings (commercial, public or institutional) shall be a minimum of 180 mm thick and reinforced with steel rebar or equivalent wire mesh.

9.3 Ramps

- 9.3.1 Ramps shall be provided in accordance to the attached drawing.
 - .1 At designated pedestrian walkways and crosswalks.
 - .2 On all public walkways located at street intersection corners.
 - .3 Where steps or steep grades exist, ramps shall be constructed with 10% maximum slope.
 - .4 The number of ramps and their locations shall be indicated on the design drawings.

9.4 Finishing

- 9.4.1 Sidewalks shall be edged and broom finished.
- 9.4.2 Contraction joints shall be made every 1.5 meters alternating 13 mm deep for surface joints and 40 mm deep for construction joints, on either side of driveways,

at every point of change in direction and around lamp poles and other structures. Joints in monolithic sidewalks shall coincide with joints in the curb and gutter.

9.5 **Concrete**

9.5.1 Refer to Section 8.3 as for Curbs and Gutters

9.6 **Service Connections**

9.6.1 The location of each service connection shall be marked at the back edge of the sidewalk or curb with the letters "C.C." to be stamped into the fresh concrete with an approved, manufactured tool. The letters shall be readable from the street side.

9.7 **Cold Joints**

9.7.1 Cold joints shall be doweled and reinforced with four 10 M rebar.

9.8 **Grades**

9.8.1 Sidewalk cross-slopes down to the curb shall be consistent within 2% to 3% minimum - maximum limits except at lanes and crossings.

9.9 **Base**

9.9.1 Subgrade shall be cut or filled to the required grade and section of sidewalk.

9.9.2 Where fill is required, it shall consist of approved material compacted to minimum of 98% Standard proctor Density (ASTM D698).