

# Sidewalks and Curbs

---

## CHAPTER 5 SIDEWALKS AND CURBS

### 5.01 Design Standards

Plans for the construction of sidewalks and curbs are to be submitted as part of the street plans when applicable.

The City has set forth minimum standards as outlined in Section 1.06 which must be met in the design and construction of sidewalks and curbs. Because these are minimum standards, they may be modified by the City Engineer, should the City Engineer feel circumstances require increased or decreased widths.

### 5.02 Sidewalks

Sidewalks shall be constructed of Commercial Concrete 4 inches thick. When the sidewalk and curb are contiguous the width of the sidewalk shall be measured from back of curb to back of sidewalk.

5.02.1 The design and construction of all sidewalks, curbs, and walkways shall meet the following minimum standards:

The width of sidewalks shall be as shown in the Street Design Standard Drawings. Those sidewalks designated in the Comprehensive Bike Plan of the City as bike paths shall, in addition, meet the minimum width requirements established for said bike paths. The City Engineer shall require that the design of all sidewalks provides for a gradual rather than an abrupt transition between sidewalks of different widths or alignments.

5.02.2 Form and subgrade inspection by the City are required before the sidewalk is poured.

5.02.3 Monolithic pour of curb and sidewalk will not be allowed.

5.02.4 For driveway requirements see Section 4.12.

### 5.03 Curb

Cement concrete curb shall be used for all street edges unless otherwise approved by the City Engineer. All curbs shall be constructed of Commercial Concrete as shown on the standard drawing except in driveway sections where Class 4000 concrete is required.

## Sidewalks and Curbs

---

Extruded curb per WSDOT/APWA Standard Specifications is allowed.

Form and subgrade inspection by the City are required before curb and gutter are poured.

### **5.04 Curb Access Ramps**

All sidewalks must be constructed to provide for access ramps in accordance with the ADA regulations. The ramps shall conform to City of Centralia Standard Details or WSDOT Standard Plans F-40.12-03 through F-45.10-02.

Curb access ramps shall be constructed of Commercial Concrete. Form and subgrade inspection by the City are required before the ramp is poured.

### **5.05 Staking**

All surveying and staking shall be performed by a design engineer or licensed surveyor. The engineer or surveyor directing such work shall be licensed by the State of Washington.

A pre-construction meeting shall be held with the City prior to commencing staking. All construction staking shall be inspected by the City prior to construction.

The minimum staking of curb and sidewalk shall be as follows:

- Stake top back of curb at a consistent offset for vertical and horizontal alignment every 25 feet (50 feet in tangent sections).

Staking shall be maintained throughout construction.

### **5.06 Testing**

Testing shall be required at the developer's/contractor's expense on all materials and construction as specified in the WSDOT/APWA Standards Specifications.

At a minimum, one (1) slump test and two (2) test cylinders shall be taken once a day. All other testing frequencies shall be as specified in the Testing and Sampling Table in Section 4.18.

In addition, the City shall be notified before each phase of sidewalk and curb construction commences.

**LIST OF DRAWINGS**

**CHAPTER 5: SIDEWALKS AND CURBS**

<u>Drawing Title</u>	<u>Number</u>
Sidewalk Details .....	5-01
Cement Concrete Curb and Gutter.....	5-02
Cement Concrete Driveway Type 1.....	5-03A
Cement Concrete Driveway Type 2.....	5-03B
Cement Concrete Driveway with Planter Strip.....	5-03C
Asphalt Residential Driveway .....	5-03D
Driveway Approach (Historical District Only) .....	5-04
Sidewalk Ramp Type 1 .....	5-05
Sidewalk Ramp Type 2 .....	5-06
Sidewalk Ramp Type 3A .....	5-07
Sidewalk Ramp Type 3B .....	5-08
Sidewalk Ramp Type 4A .....	5-09
Sidewalk Ramp Type 4B .....	5-10
Sidewalk Ramp Type 4C .....	5-11
Sidewalk Ramp Type 5 .....	5-12