

Low Impact Development Principles Project



Transportation Design Standards - Transportation Design Manual

2. Public Streets External to Subdivisions

B. Provision of a minimum four-foot planter strip with landscaping or drainage swale between the curb and the sidewalk is preferred. Where site conditions preclude provision of a full four-foot planter strip, a narrower planter strip is preferable to none at all. The requirement to provide a planter strip and landscaping between the curb and the sidewalk (outside Downtown) will be determined by the review engineer, based upon site conditions. Landscaping design must conform to Water Utility Code (BCC 24.02) requirements for water conservation. Landscaping requirements for Downtown are specified by Land Use Code 20.25A.060.

3. Public Streets Internal to Subdivisions

D. Provision of a minimum four-foot planter strip with landscaping or drainage swale between the curb and the sidewalk is preferred. Where site conditions preclude provision of a full four-foot planter strip, a narrower planter strip is preferable to none at all.

14. Sidewalks and Nonmotorized Facilities

B. Pedestrian Facility Construction

(3) Paved path construction:

a. Acceptable surface materials are asphalt and concrete.

b. Permeable pavement may be used where feasible.

(4) Concrete sidewalk construction:

a. All sidewalks shall be constructed with five-inch-thick Class 3000 concrete with a non-slip broom finish, except Downtown. For Downtown sidewalk construction standards, see also Land Use Code 20.25A.060. Downtown projects are also subject to special requirements through the design review process.

b. At driveways, the concrete shall be six inches thick.

c. Specialty finishes may be allowed with the approval of the review engineer when the proposed material will provide a non-slip surface when wet and the adjacent property owner agrees to maintain, repair, and replace the specialty material at her/his own expense, even when the maintenance is made necessary because of City work.

C. Bicycle Facility Construction

(1) Separated bicycle path – See requirements for paved path construction. Acceptable surface materials are asphalt and concrete.

(2) Bicycle lane

a. Acceptable surface materials are asphalt and concrete.

b. Permeable Pavement may be used where feasible.

cb. A bicycle lane on a public roadway shall be a minimum of five feet wide when curb and gutter is in place. The distance shall be measured from the face of curb to the center of the fogline that designates the bicycle lane. A cement concrete traffic curb and gutter is

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required. See Design Manual Drawing TE- 10.

de. A bicycle lane on a public roadway shall be a minimum of four feet wide when no curb and gutter is in place. The width shall be measured from the edge of pavement to the center of the bicycle lane marking. A minimum two-foot wide graded shoulder is required adjacent to the paved surface.

(3) Shared roadway

a. Acceptable surface materials are asphalt and concrete.

b. The curb lane of a shared roadway shall be a minimum of 14 feet wide for flat or downhill sections and 15 feet wide for uphill sections. The distance shall be measured from the face of curb to the center of the lane marking.