

SECTION B – 4 – ELEMENTS OF TYPICAL SECTION

A. PAVEMENT DESIGN

1. Pavement design for new subdivision streets shall be developed using the Pavement Design Guide for Subdivision and Secondary Roads in Virginia.
2. Standard crown” means the cross slope of the roadway pavement and should be 1/4 inch per foot (2%), unless otherwise increased by the Resident Engineer. Blot and seal pavements should have a crown of 3/8 inch per foot*.

B. PAVEMENT WIDTH

1. Except as may be permitted in this subsection, the minimum pavement widths should be as shown in Tables 1 through 3.
2. Unless otherwise indicated, the use of curb and gutter anticipates on street parking. Parking along streets with shoulder and ditch design is normally considered prohibited.
3. Special Pavement Width Reduction for Residential Street
A reduction in the width of curb and gutter streets serving residential property may be approved by the Resident Engineer provided:
 - a. Any such reduction has been specifically approved by the locality in consultation with emergency services.
 - b. The length of the street is less than 0.5 miles. The term “length” means the travel distance from the most distant point of trip origin to an intersecting street.
 - c. Sufficient off-street parking shall be provided to accommodate normal demand for vehicular parking space but not less than three such spaces, exclusive of any garage for a single-family residence, shall be provided in the proximity of the dwelling unit they are intended to serve. On-street parking on adjacent streets shall only be considered for properties located on corner lots.
 - d. For the purposes of this subsection, widths may be reduced as follows:
 - (1) For any street with a projected traffic of 250 ADT or less, a curb-to-curb width of 22 feet on a right-of-way of not less than 30 feet may be approved.

* Rev. 1/06