

(E) Maximum grades for arterial roads and primary residential roads shall be limited to a maximum of 8%, except where short theoretical tangent projections for vertical curves require a greater rate.

(F) Maximum grades for secondary residential roads shall not exceed 10%, except where short theoretical projections for vertical curves require a greater rate.

(FF) Maximum grades for tertiary residential roads shall not exceed the following:

- (1) where parking abuts the road—10%;
- (2) in any case—14%;
- (3) elsewhere, for a length of not more than 200' (but not within 200' of a secondary or primary residential road nor within 250' of a road of arterial or higher classification)—12%.

(G) Sag vertical curves shall be used at all changes in grade where the algebraic difference is positive. The minimum length curve shall be based on the following headlight sight distances:

- (1) For secondary residential roads a headlight sight distance of 150' will be required.
- (2) For primary residential roads a headlight sight distance of 200' will be required.
- (3) For arterial roads a headlight sight distance of 200' will be required.

(H) Tertiary roads.

(1) Cul-de-sac for tertiary roads. The end of a tertiary road shall be a cul-de-sac of appropriate shape using the figure of a square to determine an allowable crossfall of not more than 6% in either direction. No turning radius shall be less than 15', measured from the inside curb.

(2) Tertiary road intersections. Wherever a tertiary road intersects with a road of a higher category the turning radius of the higher category shall apply.

(3) Perpendicular parking. Where perpendicular parking abuts a tertiary residential road, the parking areas shall be separated from the roadway by a combination depressed concrete curb and gutter. No such parking area shall be more than 72' in length and there shall be an interval of at least 10' between any two such parking areas.

SEC. 5. The County Council declares an emergency exists as to the need of the enactment of this legislation and the above shall become effective immediately upon adoption.

Effective: September 1, 1970