

E. INTERSECTIONS

1. Angle of intersection

Streets should intersect at right angles; however, intersecting angles between 60 and 90 degrees are allowed.

A landing, having a minimum of 50' in length and a maximum vertical grade of 2%, should be provided at each intersection. Sign islands may be permitted if approved by the District Engineer/Administrator's Designee.

2. Spacing (i.e. Minimum distance between intersecting roadways)

Offset intersections are discouraged. Intersections or intersecting streets on the same side or opposite sides shall be spaced a minimum of 200 feet and this distance shall be adjusted upward based on upstream and downstream intersection turning movement volumes. Figure 3 illustrates the desirable spacing.

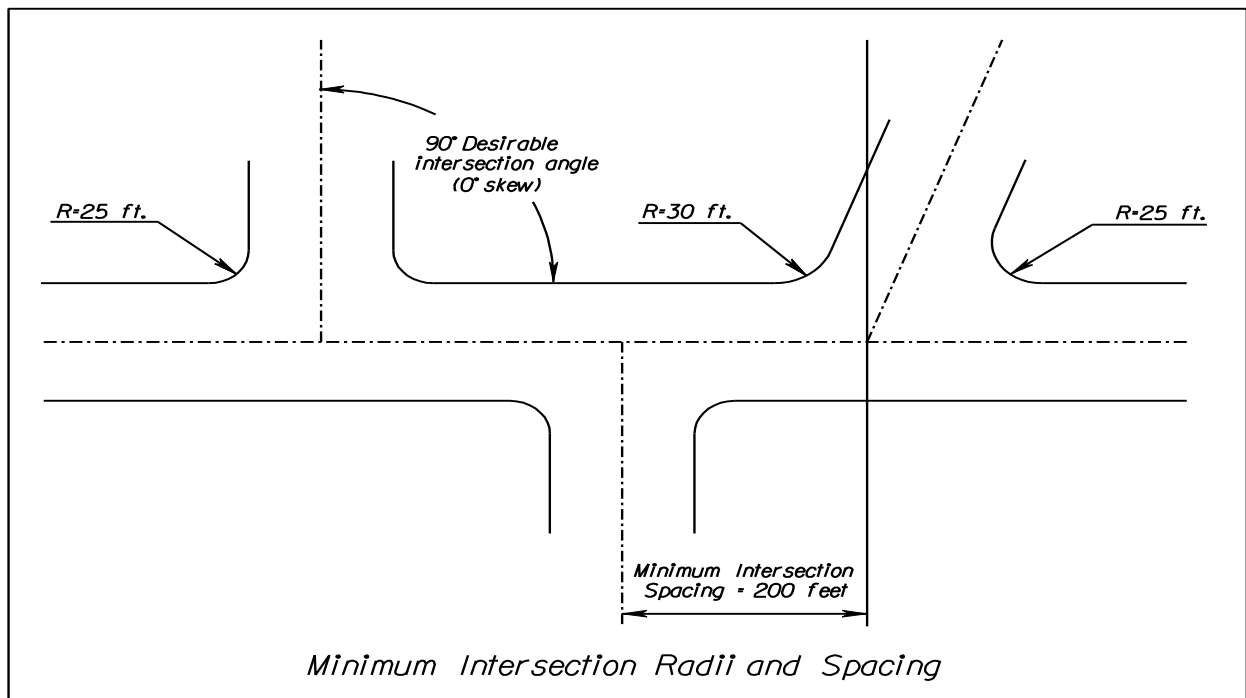


FIGURE 3 – INTERSECTION DESIGN

3. Minimum Radii

Intersection radii should be the same on all quadrants of an intersection. However, roadway alignments, traffic volumes along the respective legs, and other factors may warrant consideration of using different radii and may be considered. For skew intersections, radii shall be not less than 25 feet for the acute angle and 30 feet for the obtuse angle of the intersection street.