

- (5) Intersections or entrances on Avenues or Local Streets must be at least 200' from the intersection of that facility with a higher order highway, unless a reduced spacing is justified by a site specific traffic engineering operational analysis conducted by a licensed PE and if agreed to by VDOT.
- (6) Connections other than right-in/right-out on any highway within 600 feet of an interchange ramp connection may only be allowed based upon the results of a site specific traffic engineering operational analysis conducted by a licensed PE and if agreed to by VDOT.
- (7) Minimum access point spacing on Local Streets may be found in the Road Design Manual, [Appendix B\(1\)](#) (Figure 3) and [Appendix F](#) (Table 2-2 and Figure 4-11).

Intersection Spacing Standards for P4 with Urban Connected Network

Minimum Access Point Spacing within P4 Grid Pattern Multimodal Activity Centers				
Street Typology	Speed (MPH)	Signalized Intersections	Roundabouts or Unsignalized Intersections or Crossovers	Right-in / Right-out Intersections
Through Corridor	≥ 35	See RDM, Appendix F, Table 2-2		
Transit Boulevard & Boulevard	30 - 35	800	400	200
Major Avenue & Avenue	25 – 35 **	660	330	200
Local Street	25 ≥	See RDM, Appendix B(1) and Appendix F		

** Major Avenue speed range is 30-35 mph and Avenue speed range is 25-30 mph.

Notes:

- (1) "Intersection" may be a public or private street intersection or a commercial entrance.
- (2) Spacing may be reduced based upon the results of a site specific traffic engineering operational analysis conducted by a licensed PE and agreed to by VDOT.
- (3) Signalized intersection may only be permitted by VDOT after a signal warrant analysis conducted in accordance with the MUTCD by a licensed PE and an evaluation showing that the installation of a roundabout or other alternate treatment is not appropriate for that location.
- (4) Any proposed signalized intersection within 600 feet of a connection to an NHS highway must be analyzed to determine if the proposed signal negatively impacts operation of the NHS highway.
- (5) Intersections or entrances on Avenues or Local Streets must be at least 200' from the intersection of that facility with a higher order highway, unless a reduced spacing is justified by a site specific traffic engineering operational analysis conducted by a licensed PE and agreed to by VDOT.