

Table 10.15-1 Minimum Sight Distance Standards for Subdivision Accesses

Posted Speed	Sight Distance Standard Vehicles	Sight Distance Larger Vehicles	Mobility Sight Distance
(MPH)	(Feet)	(Feet)	(Feet)
20	155	230	Not applicable
25	200	300	Not applicable
30	250	375	Not applicable
35	305	455	Not applicable
40	360	540	580
45	425	635	710
50	495	740	840
55	570	855	990
60	645	965	1,150

Table 10.15-2. Access Design Standards for Low and Medium Volume Accesses

- *Minimum widths for low or medium volume accesses shall be either the minimum cross section width of the internal subdivision street or the minimum access width in Table 12.2.-2, whichever width is greater.
- **Minimum corner clearance shall be the distance measured from the edge of an internal subdivision access excluding radii to the edge of an external street excluding radii.
- ***Minimum access spacing shall be the distance measured from the edge of an internal subdivision access excluding radii to the edge of a neighboring access excluding radii.

Basic Standards**Low Volume****Medium Volume**

	(feet)	(feet)
Minimum Access Width:*		
<i>Majority Passenger Vehicles</i>	14	22
>30% Larger Vehicles	30	30
Minimum Curb Radius:		
Majority Passenger Vehicles	10	15
>30% Larger Vehicles	15	15
Minimum Corner Clearance to:**		
Unsignalized Intersection	75	100
Signalized Intersection	125	125
Minimum Access Spacing***:		
MPH of External Road		
	No Requirement	No Requirement
35 or less:		
40	175	175
45	265	265
50	350	350
55 or more	525	525

**Table 10.15-4.
Minimum Pavement Materials Thicknesses**

Street Materials	Thickness Standards	
Aggregate Subbase Course	Without base gravel	18"
(Max. sized stone 6")	With base gravel	15"
Crushed Aggregate Base Course	Without base gravel	18"
	With base gravel	15"
Hot Bituminous Pavement	Total Thickness	3"
	Surface Course	1 1/4"
	Base Course	1 3/4"
Surface Gravel	(if permissible)	3"

**Table 10.15-5
Aggregate Subbase Grading Requirements**

<u>Sieve Designation</u> <u>Weight Passing</u> <u>Sieves</u>	<u>Square Mesh</u>
1/4 inch	25-70%
No. 40	0-30%
No. 200	0-7%

**Table 10.15-6. Base Course
Grading Requirements**

<u>Sieve Designation</u>	<u>Percentage by Weight</u> <u>Passing</u> <u>Square Mesh Sieves</u>
1/2 inch	45-70%
1/4 inch	30-55%
No. 40	0-20%
No. 200	0-5%

**Table 10.15-7
Surface Gravel Grading Requirements**

<u>Sieve Designation</u>	<u>Percentage by Weight Passing</u> <u>Square Mesh Sieves</u>
2 inch	95-100%
1/2 inch	30-65%
No. 200	7-12%