

## CHAPTER 98 TECHNICAL STANDARDS

Sec. 98-85. Street and lane summary; ~~street design figures.~~ [Ord. No. 39 1998, §§ 3.2.4, 3.2.4.2, 12-1-1998]

- (a) ~~Street and lane summary. The following table provides a summary of the design requirements for streets and lanes. This table, and the street and line drawings in this section, replace appendices D and G found in the subdivision ordinance. The table is to be used with the appropriate figure.~~

Description	Urban Lane	Rural Lane	Residential Street	Collector Street	Industrial/Commercial Street
Reference drawing	Figure 1	Figure 1A	Figure 2	Figure 3	Figure 4
Minimum right-of-way (feet)	40	50	50	60	60
Minimum pavement (feet)	24	20	30	34	32
Minimum shoulders (2)	Included	3 feet	Included	Included	Included
Sidewalk <sup>d</sup>	Yes	No/Yes	Yes	Yes	No/Yes
Minimum grade	0.5%	0.5%	0.5%	0.5%	0.5%
Maximum grade	10%	10%	8%	6%	6%
Minimum centerline radius (feet)	75	75	110	175	250
Minimum tangent between curves <sup>a</sup>	Variable	Variable	Variable	Variable	Variable
Roadway crown	2%	2%	2%	2%	2%
Street intersection angle (minimum)	75°	75°	75°	90°	90°
Grade within 75 feet of main road	-3% to +3%	-3% to +3%	-3% to +3%	-3% to +3%	-3% to +3%
Minimum curb radius at intersection (feet)	15	15	15	20	20
Minimum right-of-way radius (feet)	20	20	20	20	30
Curbed section	Yes	No	Yes	Yes	Yes
Parking status	See figure 1	See figure 1A	Both sides	Both sides	None

- <sup>a</sup> **(a)** See section 98-83(2). A standard of good engineering practice is required where no specification exists.
  - <sup>b</sup> Curbed section with no parking permitted consists of two ten-foot traffic lanes, plus three feet either side of lanes, for a total of 26 feet of pavement. Using a rural section (non-curbed) with no parking requires a three-foot gravel shoulder with two ten-foot paved traffic lanes (with parking use six-foot gravel shoulders).
  - <sup>c</sup> For aesthetic effect, increasing vegetated area, and for phosphorous reduction, it is permitted to place two inches of loam on the gravel base in the shoulder area for the purpose of maintaining a mowed grass area.
  - <sup>d</sup> See section 98-90 for sidewalk specifics.
  - <sup>e</sup> An urban lane section (featuring curbs and closed drainage) can be used in the rural zones, and a rural lane section (featuring gravel shoulders and open ditches) can be used in the urban zones. The names of such are taken from the predominant usage for that zone.
- (b) Drainage system requirements. Closed drainage systems are required for all curbed streets. Ditches may be allowed where the lot layout provides an average lot frontage of at least 200 feet. If the portion of the lot abutting the ditch is to be lawn, a 3:1 minimum backslope will be required.
- (c) Figures. Street design figures referred to in this chapter are as follows:<sup>1</sup>

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1. Editor's Note: The Street Design Figures are included as attachments to this chapter.