

TABLE 1
MINIMUM DESIGN STANDARDS
FOR PUBLIC AND PRIVATE STREETS

| | Minor Collector Streets (See Section 503 A) | Local Streets | Private Streets ¹ |
|--|---|----------------------|---------------------------------|
| <u>General</u> | | | |
| Minimum Right-of-Way Width | 50 ft. | 50 ft. | 50 ft. |
| Minimum Cartway Width (with curbs) ² | 28 ft. | 28 ft. | --- |
| Minimum Cartway Width (without curbs) | 20 ft. | 20 ft. | 20 ft. |
| Minimum Shoulder Width (each side, where no curbs are used) | 4 ft. | 2 ft. ³ | 2 ft. |
| <u>Cul-de Sac Turnaround</u> | | | |
| Right-of-Way Diameter | --- | 100 ft. | 100 ft. |
| Cartway Diameter | --- | 80 ft. | 80 ft. |
| Maximum Grade | --- | 4 % | 5 % |
| <u>Street Grades</u> | | | |
| Maximum Grades ⁴ | 7 % | 12 % | 12 % |
| Minimum Grades | 0.75 % | 0.75 % | 0.75% |
| <u>Minimum Sight Distance at Road Intersections</u> ⁵ | | | |
| | 300 ft. ⁵ | 150 ft. ⁵ | 150 ft. ⁵ |
| <u>Minimum Centerline Horizontal Curve Radius</u> | | | |
| | 300 ft. | 150 ft. | --- |

¹ Private streets serving 1 lot or dwelling unit need only provide a right-of-way width of 50 feet.

² These standards shall apply where the predominant lot size in an area is less than 20,000 square feet.

³ Where the grade of the street exceeds 8%, required shoulder width shall increase to 4 feet on each side.

⁴ Street grades and curve radii may also be calculated utilizing PADOT's Publication 70, Guidelines for Local Roads and Streets, August 1990, or as hereafter amended, and shall be based on the highway's functional classification and design speed.

⁵ Minimum sight distance is the listed figure or the result of the PADOT sight distance formula, whichever is greater. Sight distance shall be measured at a height of four (4) feet above road surface.

