

LAND USE AND DEVELOPMENT REGULATIONS

348 Attachment 1

Township of Toms River

Figure 9
Schedule of Street Design Standards

	Local	Local Collector	Minor Collector Streets	Major Collector Streets	Minor Arterial Highways	Principal Arterial Highways
Normal traffic capacity (ADT)	400	1,000	1,000	2,500	10,000	-- ²
Minimum right-of-way width	50 feet	60 feet	60 feet	70 feet	100 feet	120 feet
Minimum shade tree and utility easement (each side) ⁸	6 feet	6 feet	6 feet	6 feet	6 feet	--
Paving width:						
Two-way	34 feet	34 feet	42 feet	50 feet	60 feet	-- ²
One-way	22 feet	--	--	--	--	--
Shoulder (or parking area width) ¹	--	--	--	--	2 @ 8 feet	-- ²
Sidewalks:						
Width	4 feet	4 feet	4 feet	4 feet	4 feet	--
Setback (from face of curb)	3 feet	8 feet	4 feet	5 feet	7 feet	--
Design speed (mph) ³	40	40	40	50	60	60
Minimum radius of horizontal curvature at center line	150 feet	300 feet	500 feet	750 feet	2,000 feet	2,000 feet
Minimum tangent between reverse curbs	100 feet	100 feet	200 feet	400 feet ⁴	600 feet ⁴	-- ²
Maximum longitudinal grade	8%	8%	8%	6%	4%	4%

NOTES:

- ¹ Shoulders or parking areas as required may be reduced structural design.
- ² To be individually designed based on traffic projections and American Association of State Highway Officials design standards. Design to meet at least major thoroughfare standards.
- ³ For sight distance and vertical curve calculation only.
- ⁴ Or as required to run out superelevation (1% per second of travel at design speed).
- ⁵ Not required if algebraic difference of intersecting grades does not exceed one.
- ⁶ Except in superelevation areas.
- ⁷ Six-inch crown.
- ⁸ See § 101-8.12D.
- ⁹ Eight-inch crown.
- ¹⁰ When dissimilar streets intersect, the larger radius will be used.

TOMS RIVER CODE

Township of Toms River

Figure 9
Schedule of Street Design Standards
(continued)

	Local	Local Collector	Minor Collector Streets	Major Collector Streets	Minor Arterial Highways	Principal Arterial Highways
Minimum longitudinal grade:						
Desirable	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%
Absolute	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%
Maximum longitudinal grade for 200 feet from each side of an intersection	3.5%	3.00%	3.00%	2.50%	--	--
Minimum curb return radius at intersection ¹⁰	15 feet	25 feet	25 feet	25 feet	45 feet	45 feet
Vertical curve ⁵						
Crest: Minimum length equals 100 feet, based on stopping sight distance at design speed.						
Sag: Minimum length equals 100 feet, based on headlight illumination and stopping sight distance at design speed.						
Maximum superelevation	-----Not required-----			6%	6%	6%
Pavement cross-slope minimum	2.94% ⁷	2.94% ⁷	3.19% ⁹	2%	1.50% ⁹	-- ²
Pavement cross-slope maximum	2.94% ⁷	2.94% ⁷	3.19% ⁹	4%	3%	-- ²
Curb face required ⁶	6 inches	6 inches	8 inches	8 inches	8 inches	-- ²
Minimum property line corner radius ¹⁰	7 feet	12 feet	15 feet	15 feet	30 feet	-- ²

NOTES:

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² To be individually designed based on traffic projections and American Association of State Highway Officials design standards. Design to meet at least major thoroughfare standards.

³ For sight distance and vertical curve calculation only.

⁴ Or as required to run out superelevation (1% per second of travel at design speed).

⁵ Not required if algebraic difference of intersecting grades does not exceed one.

⁶ Except in superelevation areas.

⁷ Six-inch crown.

⁸ See § 348-8.12D.

⁹ Eight-inch crown.

¹⁰ When dissimilar streets intersect, the larger radius will be used.