

STREETS AND SIDEWALKS

126 Attachment 1

Township of North Londonderry

Street Design and Construction Standards
[Added 4-15-2002 by Ord. No. 126; amended 9-19-2005 by Ord. No. 137]

Minimum Street Design Standards

Requirement	Arterial	Street Type			
		Collector	Local (with curbs – parking on pavement)	Local (without curbs – no parking on pavement)	Cul-de-Sac ¹
R-O-W width (feet)	As determined by PennDOT and Township Supervisors	50	50	40	55-foot radius
Pavement width (feet)	As determined by PennDOT and Township Supervisors	35	35	28	50-foot radius
Maximum grade	7%	7%	10%	10%	10%
Minimum grade	0.75%	0.75%	0.75%	0.75%	0.75%
Minimum radius of curve at center line (feet)	As determined by PennDOT and Township Supervisors	300	150	150	150
Minimum tangent between curves (feet)	As determined by PennDOT and Township Supervisors	150	100	100	100
Minimum sight distance (feet)	As determined by PennDOT and Township Supervisors	275	200	200	200

NOTES:

¹ Cul-de-sac streets shall be permitted only in special situations upon approval by the Board of Supervisors.

- (1) Cul-de-sac streets shall be no less than two hundred fifty (250) feet nor more than six hundred (600) feet in length.
- (2) Cul-de-sac streets shall serve a maximum of ten (10) lots or dwelling units.
- (3) Cul-de-sac streets shall be designed to provide at least two (2) easement areas for snow removal in the cul-de-sac radius area.

Street Construction Standards

Stone base: Eight-inch compacted stone base, 3A modified.

Binder course: Superpave Asphalt Mixture, HMA binder course, PG 64-22, 25MM mix, five-inch depth [applied in two (2) lifts].

Wearing course: Superpave Asphalt Mixture, HMA wearing course, PG 64-22, 9.5 MM mix, one-and-one-half-inch depth.