



Road Standards

(Appendix 1 to Policy OPS – 2021-01)

Adoption of Urban Roads

<u>Design Criteria</u>	<u>Minimum Standard</u>
Right of Way Width	20 m
Design Speed	50 km/hour
Horizontal Radius	80.0 m
Maximum Grade	6.00%
Min Stopping Sight Distance	65.0 m
Min Number of Lanes	2
Lane Width	4.25 m
Curbs	Desirable, Concrete, Barrier Type
Sidewalks	Desirable, One side concrete, 1.5 m
Horizontal Clearance	3.0 m
Vertical Clearance	5.25 m
Turn Arounds	OPSD 500.01 or equivalent
Pavement Structure (GBE)	550 mm
Surface Type (ADT < 400 VPD)	Double Surface Treatment
Surface Type (ADT > 400 VPD)	Asphalt
Street Lighting	Hydro One
Signage	As specified in the Ontario Traffic Manual
Drainage	Ditches must outlet to an adequate receiving watercourse or Municipal Drain

Adoption of Rural Roads

<u>Design Criteria</u>	<u>Minimum Standard</u>
Right of Way Width	20.0 m
Design Speed	80 km/hour
Horizontal Radius	80.0 m
Maximum Grade	6.00%
Min Stopping Sight Distance	65.0 m
Min Number of Lanes	2
Lane Width	3.25 m
Shoulder Width	0.5 m
Horizontal Clearance	3.0 m
Vertical Clearance	5.25 m
Turn Arounds	OPSD 500.01 or equivalent
Pavement Structure (GBE)	450 mm
Surface Type (ADT < 400 VPD)	Gravel
Surface Type (ADT > 400 VPD)	Double Surface Treatment
Signage	As specified in the Ontario Traffic Manual
Drainage	Ditches must outlet to an adequate receiving watercourse or Municipal Drain

Monitoring and Review