

Township of South Frontenac

Road and Lane Standard Cross-Section Policy

ITEM	PUBLIC ROAD	PRIVATE LANE
Right of Way Width	20.0m (66 ft)	20.0m (66 ft)
Height of Clearance	5.0m (16 ft)	5.0m (16 ft)
Width of Clearance	11.0m (36 ft)	9.0m (30 ft)
Surface Width	7.0m (23 ft)	4.5m (15 ft)
Surface Material	Per Table Below	Crushed Stone
Depth of Granular Material, Minimum	(150 mm) 6" of Granular A (300 mm) 12" of Granular B	(100 mm) 4" of Granular A (150 mm) 6" of Granular B
Shoulder, Including Rounding	1.0m (3 ft)	Nil
Crown, Minimum	2%	1%
Cross Culvert, Minimum	400mm (16 Inches)	400mm (16 Inches)
Culvert Material	CSP/HDPE	CSP/HDPE
Maximum Grade	10% (1:10)	12% (1:8)
Geometrics	TAC Standards	Safe Passage of Emergency Vehicles
Ditches, Minimum Depth from Crown to Bottom of Ditch	0.6m (2.0 ft)	0.3m (1.0 ft)

Embankment Protection (edge of surface drop-off) required for side slopes greater than 3:1 and depths of fill greater than 3 meters (MTO Safety Manual)

Traffic Volume	Surface Type	Minimum Depth
<200	Crushed Gravel	375 mm (15 inches)
200-1000	Double Surface Treatment	N/A
>1000	Asphalt	As per Development Guidelines

CSP: Corrugated Steel Pipe

HDPE: High Density Polyethylene (Double Wall)

TAC: Transportation Association of Canada

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Note: Public Road Cross-Section does not apply to New Sub-Divisions.
Please refer to Design Criteria and Standards.