

# MUNICIPALITY OF TEMAGAMI

## MINIMUM ROAD CONSTRUCTION STANDARDS

DESIGN CRITERIA	MINIMUM STANDARD	GUPPY ROAD (0.3 km)
Right-of-way	20 m (66')	It is 14 metres at entrance
Minimum Clearing Width	12 m (40')	Line of sight is good in both Directions
Maximum Grade	12%	No Crown <ul style="list-style-type: none"> <li>Centre of the road must be higher than the edges so water will run off</li> <li>Hard packed gravel (Remember it from Summertime on road )</li> </ul>
Vertical Sag	K=7	Minimal Sag
Surface Width	6 m (19.7)	Varies from 16' to 20'
Shoulder Width	0.5 (1.5') each side	No shoulders <ul style="list-style-type: none"> <li>Bush line meets roadway</li> <li>Brushing and tree removal required</li> <li>Sides of road are higher than road base ( snow packed)</li> </ul>
Horizontal Clearance	2 m (6') each side	Bush line meets roadway
Vertical Clearance	4.3 m (14')	There are overhead lines (hydro) they look like the right height of clearance.
Turnarounds OPSD 500.01	10 M (33') radius including 1 m shoulder	Road enters on to private property, will stop there and turn around and plow back out. It is possible that we may have to turn around on private property due to the hill that the property lines cross on and it will be hard to back up or start plowing half way up a hill.
Surface Material	Granular "A"	Insufficient granular material <ul style="list-style-type: none"> <li>150 mm of granular "A" or "M" required</li> </ul>
Ditches	300 mm (12")	No Ditches/culverts <ul style="list-style-type: none"> <li>Ditching and culverts required for drainage</li> </ul> Possible that drilling, blasting / rock breaker may be needed for drainage.
Signage	As specified in the Ontario Traffic Manual	Signs required, No stop sign noticed/ apparently Stop sign and Road sign were taken down when construction happened and never put back up.
<b>Notes:</b> Combination units for plowing – width of wing and one-way (27') Grader – width with wing and moldboard (27')		

At the time of inspection December 5, 2019 at 2:30 pm the road was covered in snow therefore soil condition could not be observed. I know the road quite well and I would say that some material will be required.