

MUNICIPALITY OF THE UNITED TOWNSHIPS OF HEAD, CLARA & MARIA

APPENDIX “B”

PW-01 ROAD CONSTRUCTION MINIMUM STANDARDS

MINIMUM STANDARDS CHART

<b>Road Construction Standards</b>	<b>Year-Round Maintained Roads, Flat or Gently Rolling Terrain</b>	<b>Year-Round Maintained Roads, Steep and/or Rocky Terrain</b>	<b>Emergency Maintenance Only (EMO) (Summer) Roads</b>	<b>Private (Cottage) Roads Suggested Guidelines</b>
<b><i>Right-of-way</i></b>	20 m (66')	20 m (66')	20 m (66')	20 m (66') required
<b><i>Minimum Clearing width</i></b>	12 m (40')	9 m (27')	12 m (40')	10 m (33')
<b><i>Surface width</i></b>	5.5 m (18')	4.5 m (13.5')	5 m (16.5')	5 m (16.5')
<b><i>Surface Material Granular “A” compacted depth</i></b>	100 mm (4")	100 mm (4")	100 mm (4")	100 mm (4")
<b><i>Surface treatment</i></b>	Granular “A” crushed gravel	Granular “A” crushed gravel	Granular “A” crushed gravel	Granular “A” crushed gravel
<b><i>Shoulder width</i></b>	1.0 m (3') each side	1.0 m (3') each side	0.5 m (1.5') each side	0.5 m (1.5') each side
<b><i>Ditches</i></b>	0.5 m (1.5')	0.5 m (1.5')	0.5 m (1.5')	0.5 m (1.5')
<b><i>Culverts</i></b>	400 mm (16")	400 mm (16")	400 mm (16")	400 mm (16")
<b><i>Base Material or Cover over bedrock Granular “B” compacted depth</i></b>	200 mm (8") (depending on sub-grade material)	200 mm (8") (depending on sub-grade material)	200 mm (8") (depending on sub-grade material)	200 mm (8") (depending on sub-grade material)
<b><i>Maximum grade</i></b>	12%	12 %	14%	12%
<b><i>Dead ends</i></b>	12 m (40')	12 m (40')	10 m (33')	10 m (33')
<b><i>Turnarounds</i></b>	13m (43')	13m (43')	13m (43')	13m (43')

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Note: The standards listed above for Private/Cottage roads are suggested guidelines except for the requirement for a deeded right-of-way of 20 m or 66', which is required to provide for adequate maintenance width in the event that the private road is ever assumed by the municipality.