

TOWNSHIP OF MADAWASKA VALLEY 5-YEAR CAPITAL ROADS PLAN

Capital Road Improvements						5-Year Plan									
Priority Rating	Section ID	Road Name	Location	Length	AADT	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
13	STA1	Stafford Street	Cty Rd 62 to Inglis	0.25	199	PP1 \$54,500									
<50 -5	WIL5A	Wiloski Drive	from 911-1165 to 1.4 km easterly	1.4	49	G \$50,000	ST2 \$227,000								
<50 -5	WIL5B	Wiloski Drive	FROM 1165-END	1.6	49		ST2 \$63,000								
13	OPE1	Opeongo Line*	Hwy 60 Connecting Link	1.49	499		\$113,524								
<50 -5	WIL5B	Wiloski Drive	from 1.4km east of 911-1165 easterly	3	49			G \$50,000	G \$50,000	G \$50,000	ST2 \$120,000				
<50 **	PER1	Perrier Road**	(1 to 490) Dafoe Road-to-Mullen Road - Hastings Cty Border	2.45	49			ST2+ \$159,250							
13	OLD1A	Old Barry's Bay Road	Hwy 60 to 911-1697	10.1	199				PP1 \$391,500	PP1 \$391,500	PP1 \$391,500	PP1 \$391,500			
11	OLD1C	Old Barry's Bay Road	911-1697 to Burbidge Lane	5.2	499							PP1 \$268,667	PP1 \$268,667	PP1 \$268,667	
* Mill Funded. Costs represents lwp. portion of construction cost.															
** Road Surface Upgrade to ST proposed by Township to address persistent drainage concerns (washouts), and limit dust suppressant application adjacent to significant watercourse. Treatment is ST2 with 75mm of Gran. A.															
TOTAL - CAPITAL IMPROVEMENTS				25.49		\$104,500	\$403,524	\$209,250	\$441,500	\$441,500	\$511,500	\$660,167	\$268,667	\$268,667	\$0

Road Resurfacing - Asphalt & Surface Treatment						2014	2015	2016	2017	2018	2019-2023
14	OPE2B	Opeongo Road East Wilno	Hwy 60 to Krezel Road	0.9	199	Deferred. Recently Padded with Hot Mix					
<50 -6	CON2	Conway Street	Hwy 60-to-Inglis Street	0.11	49	RMP1 \$31,000					
<50 -5	BIE2A	Biernacki Mountain Road	(1 to 300) Siberia Road-to-end of pavement @911-300	2.48	49	ST1 \$92,000	Holding Strategy (ST1 and Hot Mix Padding)				ST2A \$347,000
<50 -5	MII1	Mitchell Road	(601 to 782) Hwy 60-to-911-782 end	0.9	49	ST2A \$97,000					
10	FAR1	Farmer Road	Mill Street-to-Renfrew County Road 62	0.43	199		ST1 \$8,000				
<50 -5	WIL6	Wiltom Drive	(1 to 336) Matcheski Road-to-911-336 end	1.67	49		ST1 \$33,400	Holding Strategy (ST1 and Hot Mix Padding)			ST2A \$234,000
<50 -6	MAT1	Matcheski Road	(1 to 416) Siberia Road-to-Wiltom Drive & Weglarz Road	2.07	49		ST1 \$41,400	Holding Strategy (ST1 and Hot Mix Padding)			ST2A \$290,000
11	ARE1	Arena Road	(1 to 65) Hwy 60-to-911-65	0.2	499		R & S \$1,600				
11	OLD1B	Old Barry's Bay Road	911-1697 to Burbidge Lane	3.6	499		R & S \$28,800				
9	BOR1	Borutski Street	Wilno South Road-to-Burchat Street	0.14	199		R & S \$1,120				
5	LAK3	Lakeview Parkway	Sprucedale Avenue-to-911-100 end	0.49	199		R & S \$3,920				
12	LAK2	Lakeshore Drive	Combermere Road-to-Bay Street	1	199		PP1 \$155,000				
12	PET1	Peter Street	(1 to 99) Paugh Lake Road-to-911-99 end	0.45	199		PP1 \$70,000				
12	PIN2	Pinecrest Avenue	(1 to 38) Sandhill Drive-to-911-38	0.2	199		ST2A \$28,000				
12	PAU1B	Paugh Lake Road	Rumleskie Rd-911-1113	2	199			ST2A \$280,000			
12	PAU1A	Paugh Lake Road	Hwy 60 to Rumleskie Rd	3.5	199				PP1 \$271,500	PP1 \$271,500	
10	ARB1A	Arbor Vitae Road	Hwy 60- Chris Mullen	1.9	199					ST1 \$37,000	
10	ING1	Inglis Street	Stafford to front of Loeb	0.2	199						RMP1 \$57,259
10	CHI2	Chippawa Road	Combermere Road-to-911-873 end	2.8	199						ST2R \$198,000
9	ING2	Inglis Street	Dunn St. to end	0.2	199						ST1 \$4,000
9	WIL3A	Wilno North Road	Hwy 60 to 911-1344	1.2	199						ST1 \$24,000
9	WIL3D	Wilno North Road	Paugh Lake	1.5	199						ST1 \$29,000
9	AIR1A	Airport Road	Hwy 60 to 911-1368	0.8	199						ST1 \$16,000
9	OPE2C	Opeongo Road East Wilno	Krezel Road to 911-11761	0.9	199						ST1 \$18,000
8	BAY1B	Bay Street	LAKESHORE-STOP	0.2	199						RMP1 \$57,000
8	SAI1	St. Francis Memorial Dr	(1 to 52) Siberia Road-to-911-52 end	0.26	199						RMP1 \$74,437
8	OHI1	Ohio Road	(1 to 926) Combermere Road-to-911-926 Hastings County border	4.62	199						ST1 \$91,000
8	AIR1B	Airport Road	from 911-1368 to 1395	0.2	199						ST1 \$4,000
8	RIV1	Riverside Drive	(501 to 864) Palmer Road-to-Palmer Road	1.8	199						ST1 \$35,000
8	WIL3B	Wilno North Road	911-1344 to 911-1647	1.6	199						ST1 \$31,000
7	STA3	Stafford Street	Inglis to Opeongo Line	0.2	199						RMP1 \$57,259
7	ARB1C	Arbor Vitae Road	Chris Mullen- End 911 796A	1.91	199						ST1 \$37,000
7	HOP1	Hopefield Road 1.4km	Old Barry's Bay Rd-Dombroskie Rd	1.4	199						ST1 \$27,000
7	HOP2	Hopefield Road 2.3km	Dombroskie Rd-Kulack Lake Rd	2.2	199						ST1 \$43,000
7	HOP3	Hopefield Road 2.7km	Kulack Lake Rd-Opeongo Rd	2.7	199						ST1 \$53,000
6	SAN1	Sandhill Drive	(1 to 140) Opeongo Line-to-Yantha Crescent	0.83	199						ST1 \$16,000
5	PAU1B1	Paugh Lake Road	911-1113 to Wilno North	7.9	199						ST1 \$155,000
TOTAL - RESURFACING				55.46		\$220,000	\$371,240	\$280,000	\$271,500	\$308,500	\$1,897,956

Improvement Type
G - Gravel (75mm)
GGW - Gravel (75mm) with 1m Gravel Widening
FT - Frost Heave Treatment
ST1 - Single Surface Treatment
ST2 - Double Surface Treatment
ST2R - Double Surface Treatment- Remove Existing
ST2A - Double Surface Treatment with Granular A
RO1 - Hot Mix Overlay, 1 Lift
RO2 - Hot Mix Overlay, 2 Lifts
RMP1 - Mill & Pave, 1 Lift
RMP2 - Mill & Pave, 2 Lift
PP1 - Pulverize and Pave 1 Lift
PP2 - Pulverize and Pave 2 Lifts
RW1 - Resurface and Widening, 1 Lift
RW2 - Resurface and Widening, 2 Lift
GW - Gravel Road Widening
Recon G - Full Reconstruction 6m Gravel Road
Recon 1R - Full Reconstruction + 1 Lift
Recon 1S - Full Reconstruction + 1 Lift
Recon 2S - Full Reconstruction + 2 Lifts
Recon 2U - Full Reconstruction + 2 Lifts
Rout and Seal
Slurry Seal
Recon 2U - Full Reconstruction + 2 Lifts
R&S - Rout and Seal
Slurry Seal

Road Resurfacing - Gravel						2014	2015	2016	2017	2018
9	PAU1B2	Paugh Lake Road	Wilno North to Basin Depot Road	12.18	199	G \$280,000				
8	BAS1	Basin Depot Road	KHR border -Gunn&Turners Rds-to-Camp Edlau Lane	1	199	G \$15,000				
9	AIR1C	Airport Road	from 911-1395-1554	0.76	199			G \$19,000		
10	WIL3C	Wilno North Road	911-1647 to end of pavement	7.2	199			G \$181,000		
8	OPE2D	Opeongo Road East Wilno	From 911-11775 to Wilno South Intersection	6.3	199					G \$206,388
TOTAL - GRAVEL RESURFACING				13.5		\$295,000	\$0	\$200,000	\$0	\$0

	2014	2015	2016	2017	2018
Total Roads Program Budget (Resurfacing + Capital + Gravel)	\$619,500	\$774,764	\$689,250	\$713,000	\$750,000
Asset Management Plan "Target" (increased 2% /year)	\$665,000	\$678,300	\$691,866	\$705,703	\$719,817
Mill Funding +/-	\$0	-\$96,464	\$2,616	-\$7,297	-\$30,183

All costs in 2013 dollars.

Values Based on Detailed Estimates/Quotations Developed/Received by the Township