

Capital Projects 2018 plan

Project	Quantities	Comments	2018 Projected asphalt/gravel costs per 2017	2018 Projected total costs per 2017	Notes
Asphalt	60mm at \$22.36/m2	2T=150mm 1T=75mm 1/2T = 37.5m 0.5 Tonne "A"/m for fine grade			Cost of M/H reset/replacement / brushing ditching / culverts
Dutrisac Rd. (2017 completion to Promenade du Lac)	2360mx8.5m	1180"A" \$17,700.00	\$ 466,000.00		2.36 to Garden V. Rd--670 m to Quesnel
Garden Village Rd.	530m x 7m	265T"A" \$3,975.00	\$ 87,000.00		(1.5 km to Cockburn) + Ditching/culverts
Legault Rd. (due to development)	235m x 6.5m	470 T "A" \$7,050.00	\$ 42,000.00		due to subdivision
Nipissing (Second to Third)	122mx7.5m	61T "A" \$1000.00	\$ 22,000.00		Storm sewer seperation
Railway (Nipissing to Levesque)					Water main installation (loop)
Sabourin Rd. (East of Hwy 64)	146mx7m	Completed gravel in 2017	\$ 25,000.00		
Patching					
Muskasung Rd.		as approved in 2017	\$ 20,000.00		
Verner area (IPM)			\$ 100,000.00		patching various areas prior to IPM
Granular "A" (2000 Tonnes/km)	1m3=2.0T=\$30.00 (@\$15/T)	1m3=2.0tons/m(1m x 6.66m at 150mm)			gravel ONLY, labour, calcium and equipment extra1m x 6.66m(at 150mm) = \$30.00/m (at \$15.00/tonne)
Golf Course Rd.	1605m B2--\$67,410.00 A -\$48,150.00	(B2)1605m X \$42/m (A)1605m x \$30/m	\$ 115,000.00	plus ditching	Ditching required 2.8T at 200mm "B" Type 2 -- 2.8 x \$15/T = \$42/meter 185m Salter to 17---1.42km Hwy 17 to Goulard (1605m)
Laplage	4000m	Remaining 50% from 2017	\$ 120,000.00		Brushing/ditching/culverts
Laroque Rd.	1600m	Remaining 50% from 2017	\$ 48,000.00		3.2km total
Sabourin (310m to De Letang) <i>De l'etang</i>	310m	at 1.66T (100mm) = 515T"A"	\$ 7,800.00		
Salter (Dutrisac to Golf Course)	445m B2--\$18,690.00 1520m A--\$48,150.00	"B" Type 2 addition of 200mm over 2017 material to address heavy commercial traffic	\$ 64,290.00	plus ditching	2.8T at 200mm "B" Type 2 -- 2.8 x \$15/T = \$42/meter

Sidewalks		\$120/m ² R/R			
Hwy 17 (Coursol to No Frills)		\$60,000.00 per Alan	\$ 60,000.00		
Principal E	390mx1.2m	North side only, remove south side	\$ 80,000.00		\$20,000.00 for removal and restoration of south side
Waterfront Dr.		\$50,000.00 (Mill to Ritchie)	\$ 50,000.00		
Large Diameter culverts		\$3,300.00/day (labour & equipment)			
Dover crt. (DI C/B and cross culvert)		waiting on PGS Dwg	\$ 35,000.00		
Kipling West	1.2mx30m		\$ 20,000.00		
North Shore	1.5mx12m	culvert in stock (Field yard)	\$ 18,000.00		Possible slip lining
Roberts	2.75mx21m		\$ 30,000.00		
Sunny Ridge (Hughey Drain)					
Trottier (Hafeli drain)	-	culvert in stock Verner yard			
Bridge Repairs					
Duck Creek	replacement	Alan is looking at concrete box culvert	\$ 200,000.00		approximate cost subject to confirmation
Nature's Trail		ongoing from 2017 (land issues)	\$ 400,000.00		approximate cost transfer from 2017
other miscellaneous repairs identified in report	various		\$ 100,000.00		approximate cost transfer from 2017
Brushing/Ditching		brushing/ditching/culverts for 2019 surfacing			Brushing and ditching at \$20/m of road avg.??
Booth Rd.	1250m		\$ 80,000.00		30 culverts approx.
Lalande Rd.	1620m		\$ 35,000.00		ditching/culverts
Levert Dr.	3840m		\$ 40,000.00		ditching only/brushing completed in 2017
Malette	1030m		\$ 40,000.00		Brushing/ditching
Munroe	2400m		\$ 48,000.00		Brushing/ditching/culverts
Old Hwy 17	8700m		\$ 100,000.00		Brushing/ditching/culverts
Olivier	1820m		\$ 20,000.00		Brushing/ditching/culverts
Patenaude	600m		\$ 12,000.00		Brushing/ditching/culverts
Pike Lake	3500m		\$ 70,000.00		Brushing/ditching/culverts
St-Amour	800m		\$ 16,000.00		ditching/culverts

	total 25560m			460K	
Facilities					
New Computers			\$ 9,000.00		Shawn, Val, Lynn, Foreman, Fleet Tech
SF Salt Dome			\$ 45,000.00		
SF yard video surveillance			\$ 10,000.00		
Software (Microsoft office)			\$ 2,500.00		
Verner yard gate					
Rail Crossings					
Cache Bay Park			\$ 10,000.00		
Cache Bay Dock			\$ 10,000.00		
Leclair Rd			\$ 20,000.00		
Fleet Transfer					
		minus \$400,000.00 transfer 2017 Nature's trail	\$ (400,000.00)		
		transfers for previous financing			

total = \$ 2,277,590.00

Capital Projects 2019 plan

Project	Quantities	Comments	2019 Projected asphalt/gravel costs per 2017	2019 Projected total costs per 2017	Notes
Asphalt	60mm at \$22.36/m2	2T=150mm 1T=75mm 1/2T = 37.5m 0.5 Tonne "A"/m for fine grade			Cost of M/H reset/replacement / brushing ditching / culverts
Coursol Rd. (tracks to Salter St.)	200mx7m	100T"A" \$1,500.00 rail--\$9,00.00	\$ 42,000.00		plus rail crossing upgrades
Lalande Rd.	1620mx6.5m	1.62kmx2T/m 3240T "A" \$48,600.00	\$ 285,000.00		
Leblanc Rd.	1500mx6.5m	3000T "A" \$45,000.00	\$ 270,000.00		
Main St (Ethel to Market)	265m x 12m	265T"A" \$3,975.00	\$ 77,000.00		Paved blvd.
Michaud (Hwy 17 to John)	350m x 7m	OVERLAY	\$ 55,000.00		cold mix patch for 2017
Riviere St.	255m x 6.5m	128T "A" \$2,000.00	\$ 40,000.00		
Verchere	125m x 6.5m	62T "A" \$930.00	\$ 20,000.00		
Patching					
Muskasung Rd.		as per Paterson Group assessment	\$ 20,000.00		
Granular "A" (2000 Tonnes/km)	1m3=2.0T=\$30.00 (@\$15/T)	1m3=2.0tons/m(1m x 6.66m at 150mm)			gravel ONLY, labour, calcium and equipment extra1m x 6.66m(at 150mm) = \$30.00/m (at \$15.00/tonne)
Levert Dr.	3840m	at 2T (150mm) = 7680T	\$ 116,000.00		Brushing/ditching/gravel
Malette	1030m	at 2T (150mm) = 2060T	\$ 40,000.00		Brushing/ditching/gravel
Munroe	2400m	at 1.66T (100mm) = 3984 T"A"	\$ 60,000.00		Brushing/ditching/gravel
Old Hwy 17 (8.7 km remaining)	8700m	at 2T (150mm) = 17400T	\$ 261,000.00		Brushing/ditching/gravel
Olivier	1820m	at 2T (150mm) = 3640T	\$ 55,000.00		Brushing/ditching/gravel
Patenaude Rd.	600m	at 1.66T (100mm) = 996T"A"	\$ 15,000.00		3-C/C brushing/ditching
Pike Lake Rd.	3500m	at 1.66T (100mm) = 5810T"A"	\$ 88,000.00		5 C/C and brushing/ditching

St-Amour	800m	at 2T (150mm) = 1600T	\$ 24,000.00		
Sidewalks		\$120/m ² R/R			
Nipissing St (Salter to Levis)	755mx1.2m		\$ 110,000.00		
Large Diameter culverts		\$3,300.00/day (labour & equipment)			
Bridge Repairs					
other miscellaneous repairs identified in report	various		\$ 100,000.00		approximate cost transfer from 2017
Brushing/Ditching		brushing/ditching/culverts for 2020 surfacing			at \$20/meter of road
Beaudry	3200m		\$ 64,000.00		
Cache Bay Rd. (John St. bridge to Pine St.)	800m x 7m		\$ 10,000.00		
Caron	3000m		\$ 60,000.00		Brushing/ditching/gravel

Dubuc (Crystal Falls Rd to 375 Dubuc)	3680m		\$ 73,600.00		
Gauthier	2340m		\$ 46,800.00		
Kipling West	7200m		\$ 144,000.00		
Labelle	780m		\$ 15,600.00		
Lac Deux Milles	2300m		\$ 46,000.00		
Marleau (Lac Deux mille to Nipissing)	1680m		\$ 33,600.00		
Paradis	2100m		\$ 42,000.00		
Promenade du Lac	1370m		\$ 27,400.00		
Quesnel (from Nipissing to east Dead end)	3100m		\$ 62,000.00		
Rainville	9500m		\$ 190,000.00		
Facilities					
Rail Crossings					
Fleet Transfer					

total = \$ 2,493,000.00

Capital Projects 2020 plan

Project	Quantities	Comments	2018 Projected asphalt/gravel costs per 2017	2018 Projected total costs per 2017	Notes
Asphalt	60mm at \$22.36/m2	2T=150mm 1T=75mm 1/2T = 37.5m 0.5 Tonne "A"/m for fine grade			Cost of M/H reset/replacement / brushing ditching / culverts
Arthur (John to Mackie)	365m x 6.5m	183T "A" \$2,745.00	\$ 57,000.00		Water & Sewer ?
Aurel	100m x 6.5m	50T "A" \$750	\$ 18,000.00		
Cache Bay Rd. (John St. bridge to Pine St.)	800m x 7m	400T "A" \$6,000.00	\$ 135,000.00		
Dubeau (North of Hwy 17)	145m x 6.5m	73T "A" \$1,088.00	\$ 23,000.00		
Ethel (King to Coursol)	1170m X 7m	585T"A" \$8,775.00	\$ 195,000.00		Water & Sewer ?
John St (Clark to Coursol)	305m X 8.5m	153T"A" \$2,200.00	\$ 61,000.00		1.5 Sidewalks
King (Market to Ethel)	250m X 7m	125T "A" \$1,875.00	\$ 42,000.00		Water & Sewer ?
Nipissing (Hwy 17 to WTP)					Water & Sewer
Patching					
Muskasung Rd.		as per Paterson Group assessment	\$ 20,000.00		
Granular "A" (2000 Tonnes/km)	1m3=2.0T=\$30.00 (@\$15/T)	1m3=2.0tons/m(1m x 6.66m at 150mm)			gravel ONLY, labour, calcium and equipment extra1m x 6.66m(at 150mm) = \$30.00/m (at \$15.00/tonne)
Beaudry	3200m	at 1.66T (100mm) = 5312T"A"	\$ 80,000.00		Brushing/ditching/gravel
Caron	3000m	at 2T (150mm) = 6000 T"A"	\$ 90,000.00		Brushing/ditching/gravel
Dubuc (Crystal Falls Rd to 375 Dubuc)	3680m	at 2T (150mm) = 7360 T"A"	\$ 110,400.00		Brushing/ditching/gravel
Gauthier	2340m	at 1.66T (100mm) = 4034 T"A"	\$ 61,000.00		Brushing/ditching/gravel
Kipling West	7200m	at 2T (150mm) = 14400T"A"	\$ 216,000.00		Brushing/ditching/gravel
Labelle	780m	at 1.66T (100mm) = 1300 T"A"	\$ 20,000.00		Brushing/ditching/gravel
Lac Deux Milles	2300m	at 2T (150mm) = 4600T"A"	\$ 69,000.00		Brushing/ditching/gravel

Marleau (Lac Deux mille to Nipissing)	1680m	at 2T (150mm) = 3360T	\$ 51,000.00		Brushing/ditching/gravel
Paradis	2100m	at 1.66T (100mm) = 3486T"A"	\$ 53,000.00		Brushing/ditching/gravel
Promenade du Lac	1370m	at 2T (150mm) = 2740T	\$ 42,000.00		Brushing/ditching/gravel
Quesnel (from Nipissing to east Dead end)	3100m	at 2T (150mm) = 6200T	\$ 93,000.00		Brushing/ditching/gravel
Rainville	9500m	at 1.66T (100mm) = 15770T"A"	\$ 237,000.00		Brushing/ditching/gravel
Sidewalks		\$120/m ² R/R			
TBD			\$ 100,000.00		
Large Diameter culverts		\$3,300.00/day (labour & equipment)			
Bridge Repairs					
Tomiko Rd bridge at Brazeau creek		Replace with culvert(concrete box)	\$ 200,000.00		
other miscellaneous repairs identified in report	various		\$ 100,000.00		approximate cost transfer from 2017
Brushing/Ditching		brushing/ditching/culverts for 2021 surfacing			at \$20/meter of road
Coyote Ridge	760m		\$ 15,200.00		
Crosby	450m		\$ 9,000.00		
Crystal Falls Rd	2000m		\$ 40,000.00		
Delorme	1330m		\$ 26,600.00		
East Road	6530m		\$ 130,600.00		

Labrosse	2650m		\$ 53,000.00		
Roberge	2840m		\$ 56,800.00		
Roberts	1850m		\$ 37,000.00		
Rochon	2400m		\$ 48,000.00		
Shoreline	3250m		\$ 65,000.00		
Smily	605m		\$ 12,100.00		
Facilities					
Rail Crossings					
Fleet Transfer					

total = \$2,566,700.00

Capital Projects 2021 plan

Project	Quantities	Comments	2018 Projected asphalt/gravel costs per 2017	2018 Projected total costs per 2017	Notes
Asphalt	60mm at \$22.36/m2	2T=150mm 1T=75mm 1/2T = 37.5m 0.5 Tonne "A"/m for fine grade			Cost of M/H reset/replacement / brushing ditching / culverts
Abitibi (Ottawa to Montreal)	80m X 6.5m	40T "A" \$600.00	\$ 14,000.00		
Belanger	355m x 7m	178T "A" \$2,663.00	\$ 60,000.00		Water & Sewer
Church (John to Ethel)	490m X 7m	245T "A" \$3,600.00	\$ 82,000.00		
King (Hwy 17 to Railway)					S & W conjunction
Main (Railway to SLS)					S & W conjunction
Montreal (Abitibi to Bridge)	160m X 6.5m	80T "A" \$1,200.00	\$ 25,000.00		
Ottawa and Spring (Bay to Pembroke)					
Pilon	65m x 6.5	33T "A" \$495.00	\$ 10,000.00		
Railway (King to Levesque)					S & W conjunction
Salter (Nipissing to Main)	240m X 7m	120T "A" \$1,800.00	\$ 40,000.00		S & W conjunction
Patching					
Muskasung Rd.		as per Paterson Group assessment	\$ 20,000.00		
Granular "A" (2000 Tonnes/km)	1m3=2.0T=\$30.00 0 (@\$15/T)	1m3=2.0tons/m(1m x 6.66m at 150mm)			gravel ONLY, labour, calcium and equipment extra1m x 6.66m(at 150mm) = \$30.00/m (at \$15.00/tonne)
Coyote Ridge	760m	at 1.66T (100mm) = 1262T"A"	\$ 20,000.00		Brushing/ditching/gravel
Crosby	450m	at 1.66T (100mm) = 747T"A"	\$ 12,000.00		Brushing/ditching/gravel
Crystal Falls Rd	2000m	at 2T (150mm) = 4000T"A"	\$ 60,000.00		Brushing/ditching/gravel
Delorme	1330m	at 2T (150mm) = 2660T"A"	\$ 40,000.00		Brushing/ditching/gravel
East Road	6530m	at 2T (150mm) = 13060T"A"	\$ 196,000.00		Brushing/ditching/gravel
Labrosse	2650m	at 2T (150mm) = 5300T"A"	\$ 80,000.00		Brushing/ditching/gravel
Roberge	2840m	at 1.66T (100mm) = 4715T"A"	\$ 71,000.00		Brushing/ditching/gravel

Roberts	1850m	at 1.66T (100mm) = 3071T"A"	\$ 47,000.00		Brushing/ditching/gravel
Rochon	2400m	at 1.66T (100mm) = 3984T"A"	\$ 60,000.00		Brushing/ditching/gravel
Shoreline	3250m	at 1.66T (100mm) = 5395T"A"	\$ 81,000.00		Brushing/ditching/gravel
Smily	605m	at 2T (150mm) = 1210T	\$ 19,000.00		Brushing/ditching/gravel
Sidewalks		\$120/m ² R/R			
TBD			\$ 100,000.00		
Large Diameter culverts		\$3,300.00/day (labour & equipment)			
Bridge Repairs					
other miscellaneous repairs identified in report	various		\$ 100,000.00		approximate cost transfer from 2017
Brushing/Ditching		brushing/ditching/culverts for 2022 surfacing			at \$20/meter of road
Adelard	456m		\$ 10,000.00		
Alphonse	1330m		\$ 27,000.00		
Bellefeuille	1720m		\$ 35,000.00		
Bourbonnais	495m		\$ 10,000.00		
Desaulnier	295m		\$ 6,000.00		
Dokis	21000m		\$ 420,000.00		
Fraser	4150m		\$ 83,000.00		
Gignac	740m		\$ 15,000.00		
Hector	95m		\$ 2,000.00		

Lapointe	1960m		\$ 40,000.00		
Leblond	800m	No Homes	\$ 16,000.00		
Memquisit	3600m		\$ 72,000.00		
Needs	275m		\$ 6,000.00		
North South	8000m		\$ 160,000.00		
Pierre Rd.	930m		\$ 19,000.00		
Pine Ridge	930m		\$ 19,000.00		
Remillard	1000m		\$ 20,000.00		
Savignac	3250m		\$ 65,000.00		
Stewart (east of Leblanc)					
Facilities					
Verner Garage					
Rail Crossings					
Fleet Transfer					

total = \$ 2,162,000.00

Capital Projects 2022 plan

Project	Quantities	Comments	2018 Projected asphalt/gravel costs per 2017	2018 Projected total costs per 2017	Notes
Asphalt	60mm at \$22.36/m2	2T=150mm 1T=75mm 1/2T = 37.5m 0.5 Tonne "A"/m for fine grade			Cost of M/H reset/replacement / brushing ditching / culverts
John St. (River to Clark)	1140mx7.5	570 t	\$ 200,000.00		
Patching					
Muskasung Rd.		as per Paterson Group assessment	\$ 20,000.00		
Granular "A" (2000 Tonnes/km)	1m3=2.0T=\$30.00 (@\$15/T)	1m3=2.0tons/m(1m x 6.66m at 150mm)			gravel ONLY, labour, calcium and equipment extra 1m x 6.66m(at 150mm) = \$30.00/m (at \$15.00/tonne)
Adelard	456m	456m x 1.66 (100mm) = 757 T"A"	\$ 12,000.00		Brushing/ditching/gravel
Alphonse	1330m	at 1.66T (100mm) = 2200 T"A"	\$ 34,000.00		Brushing/ditching/gravel
Bellefeuille	1720m	at 1.66T (100mm) = 2855 T"A"	\$ 43,000.00		Brushing/ditching/gravel
Bourbonnais	495m	at 1.66T (100mm) = 822 T"A"	\$ 13,000.00		Brushing/ditching/gravel
Desaulnier	295m	at 1.66T (100mm) = 490 T"A"	\$ 7,500.00		Brushing/ditching/gravel
Dokis	21000m	at 2T (150mm) = 42000T	\$ 630,000.00		Brushing/ditching/gravel
Fraser	4150m	at 1.66T (100mm) = 6890 T"A"	\$ 104,000.00		Brushing/ditching/gravel
Gignac	740m	at 1.66T (100mm) = 1230 T"A"	\$ 20,000.00		Brushing/ditching/gravel
Hector	95m	at 1.66T (100mm) = 158 T"A"	\$ 2,500.00		Brushing/ditching/gravel
Lapointe	1960m	at 1.66T (100mm) = 3255 T"A"	\$ 49,000.00		Brushing/ditching/gravel
Leblond		no homes			

Needs	275m	at 1.66T (100mm) = 457T"A"	\$ 7,000.00		Brushing/ditching/gravel
North South	8000m	at 1.66T (100mm) = 13280T"A"	\$ 200,000.00		Brushing/ditching/gravel
Pierre	930m	at 2T (150mm) = 1860T	\$ 28,000.00		Brushing/ditching/gravel
Pine Ridge	930m	at 1.66T (100mm) = 1544T"A"	\$ 24,000.00		Brushing/ditching/gravel
Remillard	1000m	at 1.66T (100mm) = 1660T"A"	\$ 25,000.00		Brushing/ditching/gravel
Savignac	3250m	at 1.66T (100mm) = 5395T"A"	\$ 81,000.00		Brushing/ditching/gravel
Stewart (east of Leblanc)					
Vachon Rd.	1620m	at 1.66T (100mm) = 2690T"A"	\$ 41,000.00		Brushing/ditching/gravel
Sidewalks		\$120/m ² R/R			
TBD			\$ 100,000.00		
Large Diameter culverts		\$3,300.00/day (labour & equipment)			
Bridge Repairs					
other miscellaneous repairs identified in report	various		\$ 100,000.00		approximate cost transfer from 2017
Brushing/Ditching		brushing/ditching/culverts for 2023 surfacing			at \$20/meter of road
Facilities					
Rail Crossings					

Fleet Transfer					

total = \$ 1,741,000.00